

Overview of product range



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Minia



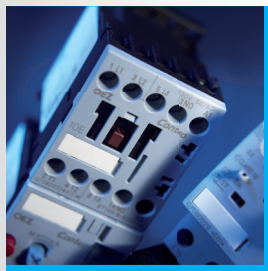
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▶ Designation of a new device or accessories in the pictorial part of the Overview of product range

▷ Designation of news in the textual part of the Overview of product range for a group of devices or a specific device or solution

NOTES

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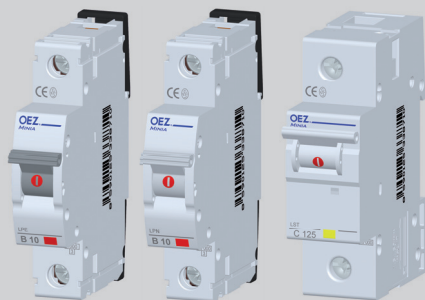


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MODULAR DEVICES

A

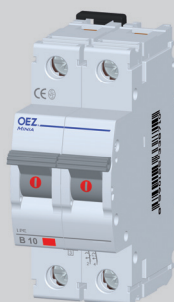
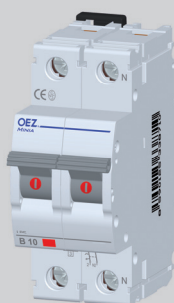




Type		LPE	LPN	LST
Number of poles		1, 1+N, 2, 3, 3+N	1, 1+N, 2, 3, 3+N	1, 2, 3, 3+N
Tripping characteristics		B, C, D	B, C, D	B, C, D
Rated current	I_n	0.2 ÷ 63 A	0.2 ÷ 63 A	40 ÷ 125 A
Rated operating voltage	U_e	230/400 V a.c. 60/220 V d.c.	230/400 V a.c. 220/440 V d.c.	230/400 V a.c. 440 V d.c.
Rated short-circuit breaking capacity (EN 60898)	I_{cn}	6 kA	10 kA	10 kA
Rated frequency	f_n	40 ÷ 60 Hz	40 ÷ 60 Hz	40 ÷ 60 Hz

Accessories

Auxiliary switches		PS-LP-..	PS-LP-..	PS-LS-..
Shunt trips		SV-LP-..	SV-LP-..	SV-LS-..
Undervoltage releases		SP-LP-..	SP-LP-..	SP-LS-..
Interconnecting busbars		G1L-.., G2L-.., G3L-.., G4L-.., S1L-.., S2L-.., S3L-..	G1L-.., G2L-.., G3L-.., G4L-.., S1L-.., S2L-.., S3L-..	S1L-27-.., S3L-27-.., S4L-27-..
Terminal extensions		AS-25-.., AS-50-..	AS-25-.., AS-50	AS-50-.., CS-FH000-.., N3x10-..
Locking insert		OD-LP-VU01	OD-LP-VU01	-
Sealing insert		OD-LP-VP01	OD-LP-VP01	-
Insulating barriers		OD-LP-MP01	OD-LP-MP01	-



LPE

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 1-pole, characteristic B

34521	LPE-0,2B-1	0.135	12
34522	LPE-0,4B-1	0.135	12
34523	LPE-0,6B-1	0.135	12
34524	LPE-0,8B-1	0.135	12
34525	LPE-1B-1	0.135	12
34526	LPE-1,2B-1	0.135	12
34527	LPE-1,6B-1	0.135	12
34528	LPE-2B-1	0.135	12
34529	LPE-4B-1	0.135	12
34530	LPE-6B-1	0.135	12
34531	LPE-8B-1	0.135	12
34532	LPE-10B-1	0.135	12
34533	LPE-13B-1	0.135	12
34534	LPE-16B-1	0.135	12
34535	LPE-20B-1	0.135	12
34536	LPE-25B-1	0.135	12
34537	LPE-32B-1	0.135	12
34538	LPE-40B-1	0.135	12
34539	LPE-50B-1	0.135	12
34540	LPE-63B-1	0.135	12

Miniature circuit breakers 1+N-pole, characteristic B

34583	LPE-6B-1N	0.25	6
34584	LPE-8B-1N	0.25	6
34585	LPE-10B-1N	0.25	6
34586	LPE-13B-1N	0.25	6
34587	LPE-16B-1N	0.25	6
34588	LPE-20B-1N	0.25	6
34589	LPE-25B-1N	0.25	6
34590	LPE-32B-1N	0.25	6
34591	LPE-40B-1N	0.25	6
34592	LPE-50B-1N	0.25	6
34593	LPE-63B-1N	0.25	6

Miniature circuit breakers 2-pole, characteristic B

34654	LPE-1B-2	0.26	6
34655	LPE-2B-2	0.26	6
34656	LPE-4B-2	0.26	6
34657	LPE-6B-2	0.26	6
34658	LPE-8B-2	0.26	6
34659	LPE-10B-2	0.26	6
34660	LPE-13B-2	0.26	6
34661	LPE-16B-2	0.26	6
34662	LPE-20B-2	0.26	6
34663	LPE-25B-2	0.26	6
34664	LPE-32B-2	0.26	6
34665	LPE-40B-2	0.26	6
34666	LPE-50B-2	0.26	6
34667	LPE-63B-2	0.26	6

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 1-pole, characteristic C

34541	LPE-0,2C-1	0.135	12
34542	LPE-0,4C-1	0.135	12
34543	LPE-0,5C-1	0.135	12
34544	LPE-0,6C-1	0.135	12
34545	LPE-0,8C-1	0.135	12
34546	LPE-1C-1	0.135	12
34547	LPE-1,2C-1	0.135	12
34548	LPE-1,6C-1	0.135	12
34549	LPE-2C-1	0.135	12
34550	LPE-4C-1	0.135	12
34551	LPE-6C-1	0.135	12
34552	LPE-8C-1	0.135	12
34553	LPE-10C-1	0.135	12
34554	LPE-13C-1	0.135	12
34555	LPE-16C-1	0.135	12
34556	LPE-20C-1	0.135	12
34557	LPE-25C-1	0.135	12
34558	LPE-32C-1	0.135	12
34559	LPE-40C-1	0.135	12
34560	LPE-50C-1	0.135	12
34561	LPE-63C-1	0.135	12

Miniature circuit breakers 1+N-pole, characteristic C

34594	LPE-2C-1N	0.25	6
34595	LPE-4C-1N	0.25	6
34596	LPE-6C-1N	0.25	6
34597	LPE-8C-1N	0.25	6
34598	LPE-10C-1N	0.25	6
34599	LPE-13C-1N	0.25	6
34600	LPE-16C-1N	0.25	6
34601	LPE-20C-1N	0.25	6
34602	LPE-25C-1N	0.25	6
34603	LPE-32C-1N	0.25	6
34604	LPE-40C-1N	0.25	6
34605	LPE-50C-1N	0.25	6
34606	LPE-63C-1N	0.25	6

Miniature circuit breakers 2-pole, characteristic C

34668	LPE-0,2C-2	0.26	6
34669	LPE-0,4C-2	0.26	6
34670	LPE-0,5C-2	0.26	6
34671	LPE-0,6C-2	0.26	6
34672	LPE-0,8C-2	0.26	6
34673	LPE-1C-2	0.26	6
34674	LPE-1,2C-2	0.26	6
34675	LPE-1,6C-2	0.26	6
34676	LPE-2C-2	0.26	6
34677	LPE-4C-2	0.26	6
34678	LPE-6C-2	0.26	6
34679	LPE-8C-2	0.26	6
34680	LPE-10C-2	0.26	6
34681	LPE-13C-2	0.26	6
34682	LPE-16C-2	0.26	6
34683	LPE-20C-2	0.26	6
34684	LPE-25C-2	0.26	6
34685	LPE-32C-2	0.26	6
34686	LPE-40C-2	0.26	6
34687	LPE-50C-2	0.26	6
34688	LPE-63C-2	0.26	6

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 1-pole, characteristic D

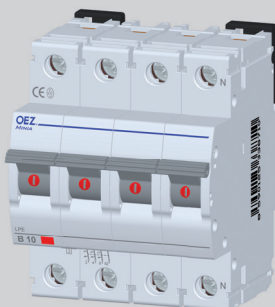
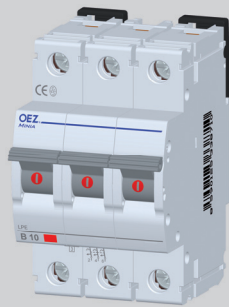
34562	LPE-0,2D-1	0.135	12
34563	LPE-0,4D-1	0.135	12
34564	LPE-0,5D-1	0.135	12
34565	LPE-0,6D-1	0.135	12
34566	LPE-0,8D-1	0.135	12
34567	LPE-1D-1	0.135	12
34568	LPE-1,2D-1	0.135	12
34569	LPE-1,6D-1	0.135	12
34570	LPE-2D-1	0.135	12
34571	LPE-4D-1	0.135	12
34572	LPE-6D-1	0.135	12
34573	LPE-8D-1	0.135	12
34574	LPE-10D-1	0.135	12
34575	LPE-13D-1	0.135	12
34576	LPE-16D-1	0.135	12
34577	LPE-20D-1	0.135	12
34578	LPE-25D-1	0.135	12
34579	LPE-32D-1	0.135	12
34580	LPE-40D-1	0.135	12
34581	LPE-50D-1	0.135	12
34582	LPE-63D-1	0.135	12

Miniature circuit breakers 1+N-pole, characteristic D

34607	LPE-10D-1N	0.25	6
34608	LPE-13D-1N	0.25	6
34609	LPE-16D-1N	0.25	6
34610	LPE-20D-1N	0.25	6
34611	LPE-25D-1N	0.25	6
34612	LPE-32D-1N	0.25	6
34613	LPE-40D-1N	0.25	6
34614	LPE-50D-1N	0.25	6
34615	LPE-63D-1N	0.25	6

Miniature circuit breakers 2-pole, characteristic D

34689	LPE-0,2D-2	0.26	6
34690	LPE-0,4D-2	0.26	6
34691	LPE-0,5D-2	0.26	6
34692	LPE-0,6D-2	0.26	6
34693	LPE-0,8D-2	0.26	6
34694	LPE-1D-2	0.26	6
34695	LPE-1,2D-2	0.26	6
34696	LPE-1,6D-2	0.26	6
34697	LPE-2D-2	0.26	6
34698	LPE-4D-2	0.26	6
34699	LPE-6D-2	0.26	6
34700	LPE-8D-2	0.26	6
34701	LPE-10D-2	0.26	6
34702	LPE-13D-2	0.26	6
34703	LPE-16D-2	0.26	6
34704	LPE-20D-2	0.26	6
34705	LPE-25D-2	0.26	6
34706	LPE-32D-2	0.26	6
34707	LPE-40D-2	0.26	6



Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 3-pole, characteristic B

34864	LPE-0,5B-3	0.39	4
34865	LPE-0,6B-3	0.39	4
34866	LPE-0,8B-3	0.39	4
34867	LPE-1B-3	0.39	4
34868	LPE-1,2B-3	0.39	4
34869	LPE-1,6B-3	0.39	4
34870	LPE-2B-3	0.39	4
34871	LPE-4B-3	0.39	4
34872	LPE-6B-3	0.39	4
34873	LPE-8B-3	0.39	4
34874	LPE-10B-3	0.39	4
34875	LPE-13B-3	0.39	4
34876	LPE-16B-3	0.39	4
34877	LPE-20B-3	0.39	4
34878	LPE-25B-3	0.39	4
34879	LPE-32B-3	0.39	4
34880	LPE-40B-3	0.39	4
34881	LPE-50B-3	0.39	4
34882	LPE-63B-3	0.39	4

Miniature circuit breakers 3+N-pole, characteristic B

34979	LPE-2B-3N	0.505	3
34980	LPE-4B-3N	0.505	3
34981	LPE-6B-3N	0.505	3
34982	LPE-8B-3N	0.505	3
34983	LPE-10B-3N	0.505	3
34984	LPE-13B-3N	0.505	3
34985	LPE-16B-3N	0.505	3
34986	LPE-20B-3N	0.505	3
34987	LPE-25B-3N	0.505	3
34988	LPE-32B-3N	0.505	3
34989	LPE-40B-3N	0.505	3
34990	LPE-50B-3N	0.505	3
34991	LPE-63B-3N	0.505	3

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 3-pole, characteristic C

34883	LPE-0,2C-3	0.39	4
34884	LPE-0,4C-3	0.39	4
34885	LPE-0,5C-3	0.39	4
34886	LPE-0,6C-3	0.39	4
34887	LPE-0,8C-3	0.39	4
34888	LPE-1C-3	0.39	4
34889	LPE-1,2C-3	0.39	4
34890	LPE-1,6C-3	0.39	4
34891	LPE-2C-3	0.39	4
34892	LPE-4C-3	0.39	4
34893	LPE-6C-3	0.39	4
34894	LPE-8C-3	0.39	4
34895	LPE-10C-3	0.39	4
34896	LPE-13C-3	0.39	4
34897	LPE-16C-3	0.39	4
34898	LPE-20C-3	0.39	4
34899	LPE-25C-3	0.39	4
34900	LPE-32C-3	0.39	4
34901	LPE-40C-3	0.39	4
34902	LPE-50C-3	0.39	4
34903	LPE-63C-3	0.39	4

Miniature circuit breakers 3+N-pole, characteristic C

34992	LPE-6C-3N	0.505	3
34993	LPE-8C-3N	0.505	3
34994	LPE-10C-3N	0.505	3
34995	LPE-13C-3N	0.505	3
34996	LPE-16C-3N	0.505	3
34997	LPE-20C-3N	0.505	3
34998	LPE-25C-3N	0.505	3
34999	LPE-32C-3N	0.505	3
35000	LPE-40C-3N	0.505	3
35001	LPE-50C-3N	0.505	3
35002	LPE-63C-3N	0.505	3

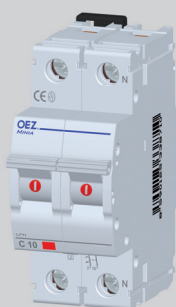
Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 3-pole, characteristic D

34904	LPE-0,2D-3	0.39	4
34905	LPE-0,4D-3	0.39	4
34906	LPE-0,5D-3	0.39	4
34907	LPE-0,6D-3	0.39	4
34908	LPE-0,8D-3	0.39	4
34978	LPE-1D-3	0.39	4
34910	LPE-1,2D-3	0.39	4
34911	LPE-1,6D-3	0.39	4
34912	LPE-2D-3	0.39	4
34913	LPE-4D-3	0.39	4
34914	LPE-6D-3	0.39	4
34915	LPE-8D-3	0.39	4
34916	LPE-10D-3	0.39	4
34917	LPE-13D-3	0.39	4
34918	LPE-16D-3	0.39	4
34919	LPE-20D-3	0.39	4
34920	LPE-25D-3	0.39	4
34921	LPE-32D-3	0.39	4
34922	LPE-40D-3	0.39	4
34923	LPE-50D-3	0.39	4
34924	LPE-63D-3	0.39	4

Miniature circuit breakers 3+N-pole, characteristic D

35003	LPE-6D-3N	0.505	3
35004	LPE-8D-3N	0.505	3
35005	LPE-10D-3N	0.505	3
35006	LPE-13D-3N	0.505	3
35007	LPE-16D-3N	0.505	3
35008	LPE-20D-3N	0.505	3
35009	LPE-25D-3N	0.505	3
35010	LPE-32D-3N	0.505	3
35011	LPE-40D-3N	0.505	3



LPN

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 1-pole, characteristic B

34159	LPN-0,2B-1	0.135	12
34160	LPN-0,4B-1	0.135	12
34161	LPN-0,6B-1	0.135	12
33863	LPN-0,8B-1	0.135	12
33864	LPN-1B-1	0.135	12
33865	LPN-1,2B-1	0.135	12
33866	LPN-1,6B-1	0.135	12
33867	LPN-2B-1	0.135	12
33868	LPN-4B-1	0.135	12
33869	LPN-6B-1	0.135	12
33870	LPN-8B-1	0.135	12
33871	LPN-10B-1	0.135	12
33872	LPN-13B-1	0.135	12
33873	LPN-16B-1	0.135	12
33874	LPN-20B-1	0.135	12
33875	LPN-25B-1	0.135	12
33876	LPN-32B-1	0.135	12
33877	LPN-40B-1	0.135	12
33878	LPN-50B-1	0.135	12
33879	LPN-63B-1	0.135	12

Miniature circuit breakers 1+N-pole, characteristic B

33922	LPN-6B-1N	0.25	6
33923	LPN-8B-1N	0.25	6
33924	LPN-10B-1N	0.25	6
33925	LPN-13B-1N	0.25	6
33926	LPN-16B-1N	0.25	6
33927	LPN-20B-1N	0.25	6
33928	LPN-25B-1N	0.25	6
33929	LPN-32B-1N	0.25	6
33930	LPN-40B-1N	0.25	6
33931	LPN-50B-1N	0.25	6
33932	LPN-63B-1N	0.25	6

Miniature circuit breakers 2-pole, characteristic B

34162	LPN-1B-2	0.26	6
34163	LPN-2B-2	0.26	6
34164	LPN-4B-2	0.26	6
33957	LPN-6B-2	0.26	6
33958	LPN-8B-2	0.26	6
33959	LPN-10B-2	0.26	6
33960	LPN-13B-2	0.26	6
33961	LPN-16B-2	0.26	6
33962	LPN-20B-2	0.26	6
33963	LPN-25B-2	0.26	6
33964	LPN-32B-2	0.26	6
33965	LPN-40B-2	0.26	6
33966	LPN-50B-2	0.26	6
33967	LPN-63B-2	0.26	6

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 1-pole, characteristic C

33880	LPN-0,2C-1	0.135	12
33881	LPN-0,4C-1	0.135	12
33882	LPN-0,5C-1	0.135	12
33883	LPN-0,6C-1	0.135	12
33884	LPN-0,8C-1	0.135	12
33885	LPN-1C-1	0.135	12
33886	LPN-1,2C-1	0.135	12
33887	LPN-1,6C-1	0.135	12
33888	LPN-2C-1	0.135	12
33889	LPN-4C-1	0.135	12
33890	LPN-6C-1	0.135	12
33891	LPN-8C-1	0.135	12
33892	LPN-10C-1	0.135	12
33893	LPN-13C-1	0.135	12
33894	LPN-16C-1	0.135	12
33895	LPN-20C-1	0.135	12
33896	LPN-25C-1	0.135	12
33897	LPN-32C-1	0.135	12
33898	LPN-40C-1	0.135	12
33899	LPN-50C-1	0.135	12
33900	LPN-63C-1	0.135	12

Miniature circuit breakers 1+N-pole, characteristic C

33933	LPN-2C-1N	0.25	6
33934	LPN-4C-1N	0.25	6
33935	LPN-6C-1N	0.25	6
33936	LPN-8C-1N	0.25	6
33937	LPN-10C-1N	0.25	6
33938	LPN-13C-1N	0.25	6
33939	LPN-16C-1N	0.25	6
33940	LPN-20C-1N	0.25	6
33941	LPN-25C-1N	0.25	6
33942	LPN-32C-1N	0.25	6
33943	LPN-40C-1N	0.25	6
33944	LPN-50C-1N	0.25	6
33945	LPN-63C-1N	0.25	6

Miniature circuit breakers 2-pole, characteristic C

33968	LPN-0,2C-2	0.26	6
33969	LPN-0,4C-2	0.26	6
33970	LPN-0,5C-2	0.26	6
33971	LPN-0,6C-2	0.26	6
33972	LPN-0,8C-2	0.26	6
33973	LPN-1C-2	0.26	6
33974	LPN-1,2C-2	0.26	6
33975	LPN-1,6C-2	0.26	6
33976	LPN-2C-2	0.26	6
33977	LPN-4C-2	0.26	6
33978	LPN-6C-2	0.26	6
33979	LPN-8C-2	0.26	6
33980	LPN-10C-2	0.26	6
33981	LPN-13C-2	0.26	6
33982	LPN-16C-2	0.26	6
33983	LPN-20C-2	0.26	6
33984	LPN-25C-2	0.26	6
33985	LPN-32C-2	0.26	6
33986	LPN-40C-2	0.26	6
33987	LPN-50C-2	0.26	6
33988	LPN-63C-2	0.26	6

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 1-pole, characteristic D

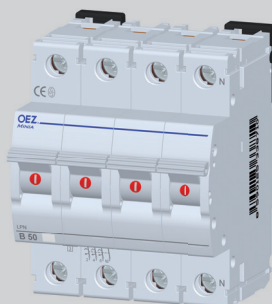
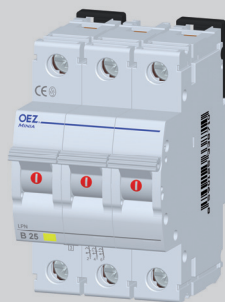
33901	LPN-0,2D-1	0.135	12
33902	LPN-0,4D-1	0.135	12
33903	LPN-0,5D-1	0.135	12
33904	LPN-0,6D-1	0.135	12
33905	LPN-0,8D-1	0.135	12
33906	LPN-1D-1	0.135	12
33907	LPN-1,2D-1	0.135	12
33908	LPN-1,6D-1	0.135	12
33909	LPN-2D-1	0.135	12
33910	LPN-4D-1	0.135	12
33911	LPN-6D-1	0.135	12
33912	LPN-8D-1	0.135	12
33913	LPN-10D-1	0.135	12
33914	LPN-13D-1	0.135	12
33915	LPN-16D-1	0.135	12
33916	LPN-20D-1	0.135	12
33917	LPN-25D-1	0.135	12
33918	LPN-32D-1	0.135	12
33919	LPN-40D-1	0.135	12
33920	LPN-50D-1	0.135	12
33921	LPN-63D-1	0.135	12

Miniature circuit breakers 1+N-pole, characteristic D

33946	LPN-6D-1N	0.25	6
33947	LPN-8D-1N	0.25	6
33948	LPN-10D-1N	0.25	6
33949	LPN-13D-1N	0.25	6
33950	LPN-16D-1N	0.25	6
33951	LPN-20D-1N	0.25	6
33952	LPN-25D-1N	0.25	6
33953	LPN-32D-1N	0.25	6
33954	LPN-40D-1N	0.25	6
33955	LPN-50D-1N	0.25	6
33956	LPN-63D-1N	0.25	6

Miniature circuit breakers 2-pole, characteristic D

33989	LPN-0,2D-2	0.26	6
33990	LPN-0,4D-2	0.26	6
33991	LPN-0,5D-2	0.26	6
33992	LPN-0,6D-2	0.26	6
33993	LPN-0,8D-2	0.26	6
33994	LPN-1D-2	0.26	6
33995	LPN-1,2D-2	0.26	6
33996	LPN-1,6D-2	0.26	6
33997	LPN-2D-2	0.26	6
33998	LPN-4D-2	0.26	6
33999	LPN-6D-2	0.26	6
34000	LPN-8D-2	0.26	6
34001	LPN-10D-2	0.26	6
34002	LPN-13D-2	0.26	6
34003	LPN-16D-2	0.26	6
34004	LPN-20D-2	0.26	6
34005	LPN-25D-2	0.26	6
34006	LPN-32D-2	0.26	6
34007	LPN-40D-2	0.26	6



Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 3-pole, characteristic B

34165	LPN-0,2B-3	0.39	4
34008	LPN-0,5B-3	0.39	4
34009	LPN-0,6B-3	0.39	4
34010	LPN-0,8B-3	0.39	4
34011	LPN-1B-3	0.39	4
34012	LPN-1,2B-3	0.39	4
34013	LPN-1,6B-3	0.39	4
34014	LPN-2B-3	0.39	4
34015	LPN-4B-3	0.39	4
34016	LPN-6B-3	0.39	4
34017	LPN-8B-3	0.39	4
34018	LPN-10B-3	0.39	4
34019	LPN-13B-3	0.39	4
34020	LPN-16B-3	0.39	4
34021	LPN-20B-3	0.39	4
34022	LPN-25B-3	0.39	4
34023	LPN-32B-3	0.39	4
34024	LPN-40B-3	0.39	4
34025	LPN-50B-3	0.39	4
34026	LPN-63B-3	0.39	4

Miniature circuit breakers 3+N-pole, characteristic B

34069	LPN-2B-3N	0.505	3
34070	LPN-4B-3N	0.505	3
34071	LPN-6B-3N	0.505	3
34072	LPN-8B-3N	0.505	3
34073	LPN-10B-3N	0.505	3
34074	LPN-13B-3N	0.505	3
34075	LPN-16B-3N	0.505	3
34076	LPN-20B-3N	0.505	3
34077	LPN-25B-3N	0.505	3
34078	LPN-32B-3N	0.505	3
34079	LPN-40B-3N	0.505	3
34080	LPN-50B-3N	0.505	3
34081	LPN-63B-3N	0.505	3

DC miniature circuit breakers 1-pole, characteristic C

34167	LPN-DC-1C-1	0.14	12
34115	LPN-DC-2C-1	0.14	12
34116	LPN-DC-4C-1	0.14	12
34117	LPN-DC-6C-1	0.14	12
34118	LPN-DC-8C-1	0.14	12
34119	LPN-DC-10C-1	0.14	12
34120	LPN-DC-13C-1	0.14	12
34121	LPN-DC-16C-1	0.14	12
34122	LPN-DC-20C-1	0.14	12
34123	LPN-DC-25C-1	0.14	12
34124	LPN-DC-32C-1	0.14	12
34125	LPN-DC-40C-1	0.14	12
34126	LPN-DC-50C-1	0.14	12
34127	LPN-DC-63C-1	0.14	12

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 3-pole, characteristic C

34027	LPN-0,2C-3	0.39	4
34028	LPN-0,4C-3	0.39	4
34029	LPN-0,5C-3	0.39	4
34030	LPN-0,6C-3	0.39	4
34031	LPN-0,8C-3	0.39	4
34032	LPN-1C-3	0.39	4
34033	LPN-1,2C-3	0.39	4
34034	LPN-1,6C-3	0.39	4
34035	LPN-2C-3	0.39	4
34036	LPN-4C-3	0.39	4
34037	LPN-6C-3	0.39	4
34038	LPN-8C-3	0.39	4
34039	LPN-10C-3	0.39	4
34040	LPN-13C-3	0.39	4
34041	LPN-16C-3	0.39	4
34042	LPN-20C-3	0.39	4
34043	LPN-25C-3	0.39	4
34044	LPN-32C-3	0.39	4
34045	LPN-40C-3	0.39	4
34046	LPN-50C-3	0.39	4
34047	LPN-63C-3	0.39	4

Miniature circuit breakers 3+N-pole, characteristic C

34082	LPN-6C-3N	0.505	3
34083	LPN-8C-3N	0.505	3
34084	LPN-10C-3N	0.505	3
34085	LPN-13C-3N	0.505	3
34086	LPN-16C-3N	0.505	3
34087	LPN-20C-3N	0.505	3
34088	LPN-25C-3N	0.505	3
34089	LPN-32C-3N	0.505	3
34090	LPN-40C-3N	0.505	3
34091	LPN-50C-3N	0.505	3
34092	LPN-63C-3N	0.505	3

DC miniature circuit breakers 2-pole, characteristic C

34169	LPN-DC-1C-2	0.27	6
34141	LPN-DC-2C-2	0.27	6
34142	LPN-DC-4C-2	0.27	6
34143	LPN-DC-6C-2	0.27	6
34144	LPN-DC-8C-2	0.27	6
34145	LPN-DC-10C-2	0.27	6
34146	LPN-DC-13C-2	0.27	6
34147	LPN-DC-16C-2	0.27	6
34148	LPN-DC-20C-2	0.27	6
34149	LPN-DC-25C-2	0.27	6
34150	LPN-DC-32C-2	0.27	6
34151	LPN-DC-40C-2	0.27	6
34152	LPN-DC-50C-2	0.27	6
34153	LPN-DC-63C-2	0.27	6

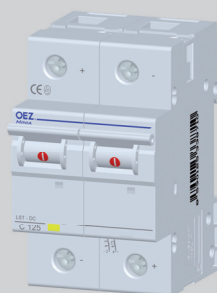
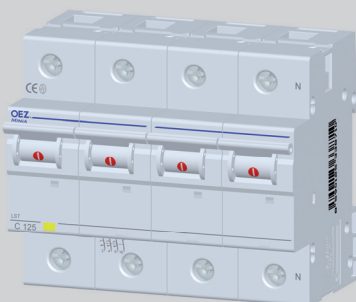
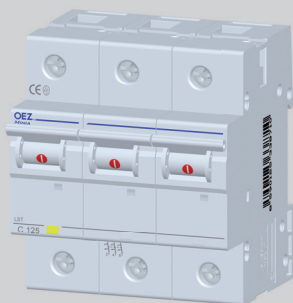
Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 3-pole, characteristic D

34048	LPN-0,2D-3	0.39	4
34049	LPN-0,4D-3	0.39	4
34050	LPN-0,5D-3	0.39	4
34051	LPN-0,6D-3	0.39	4
34052	LPN-0,8D-3	0.39	4
34053	LPN-1D-3	0.39	4
34054	LPN-1,2D-3	0.39	4
34055	LPN-1,6D-3	0.39	4
34056	LPN-2D-3	0.39	4
34057	LPN-4D-3	0.39	4
34058	LPN-6D-3	0.39	4
34059	LPN-8D-3	0.39	4
34060	LPN-10D-3	0.39	4
34061	LPN-13D-3	0.39	4
34062	LPN-16D-3	0.39	4
34063	LPN-20D-3	0.39	4
34064	LPN-25D-3	0.39	4
34065	LPN-32D-3	0.39	4
34066	LPN-40D-3	0.39	4
34067	LPN-50D-3	0.39	4
34068	LPN-63D-3	0.39	4

Miniature circuit breakers 3+N-pole, characteristic D

34093	LPN-6D-3N	0.505	3
34094	LPN-8D-3N	0.505	3
34095	LPN-10D-3N	0.505	3
34096	LPN-13D-3N	0.505	3
34097	LPN-16D-3N	0.505	3
34098	LPN-20D-3N	0.505	3
34099	LPN-25D-3N	0.505	3
34100	LPN-32D-3N	0.505	3
34101	LPN-40D-3N	0.505	3



LST

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 1-pole, characteristic B

37440	LST-40B-1	0.21	3
37441	LST-50B-1	0.21	3
37442	LST-63B-1	0.21	3
37214	LST-80B-1	0.21	3
37215	LST-100B-1	0.21	3
37216	LST-125B-1	0.21	3

Miniature circuit breakers 3-pole, characteristic B

37449	LST-40B-3	0.66	1
37450	LST-50B-3	0.66	1
37451	LST-63B-3	0.66	1
37223	LST-80B-3	0.66	1
37224	LST-100B-3	0.66	1
37225	LST-125B-3	0.66	1

Miniature circuit breakers 3+N-pole, characteristic B

37458	LST-40B-3N	0.84	1
37459	LST-50B-3N	0.84	1
37460	LST-63B-3N	0.84	1
37232	LST-80B-3N	0.84	1
37233	LST-100B-3N	0.84	1
37234	LST-125B-3N	0.84	1

DC miniature circuit breakers 2-pole, characteristic C

37241	LST-DC-80C-2	0.45	2
37242	LST-DC-100C-2	0.45	2
37243	LST-DC-125C-2	0.45	2

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 1-pole, characteristic C

37443	LST-40C-1	0.21	3
37444	LST-50C-1	0.21	3
37445	LST-63C-1	0.21	3
37217	LST-80C-1	0.21	3
37218	LST-100C-1	0.21	3
37219	LST-125C-1	0.21	3

Miniature circuit breakers 3-pole, characteristic C

37452	LST-40C-3	0.66	1
37453	LST-50C-3	0.66	1
37454	LST-63C-3	0.66	1
37226	LST-80C-3	0.66	1
37227	LST-100C-3	0.66	1
37228	LST-125C-3	0.66	1

Miniature circuit breakers 3+N-pole, characteristic C

37461	LST-40C-3N	0.84	1
37462	LST-50C-3N	0.84	1
37463	LST-63C-3N	0.84	1
37235	LST-80C-3N	0.84	1
37236	LST-100C-3N	0.84	1
37237	LST-125C-3N	0.84	1

Code	Type	Weight [kg]	Package [pcs]
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Miniature circuit breakers 1-pole, characteristic D

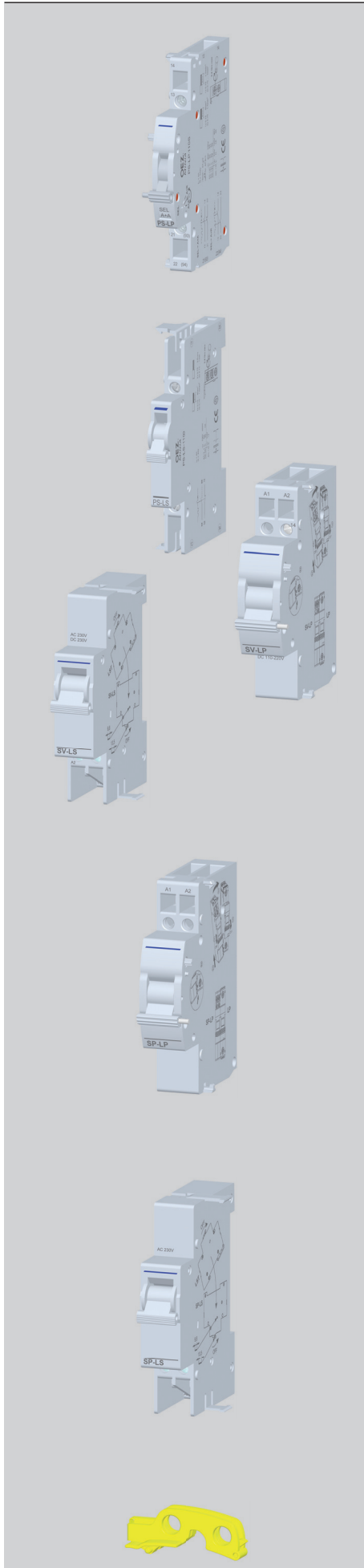
37446	LST-40D-1	0.21	3
37447	LST-50D-1	0.21	3
37448	LST-63D-1	0.21	3
37220	LST-80D-1	0.21	3
37221	LST-100D-1	0.21	3
37222	LST-125D-1	0.21	3

Miniature circuit breakers 3-pole, characteristic D

37455	LST-40D-3	0.66	1
37456	LST-50D-3	0.66	1
37457	LST-63D-3	0.66	1
37229	LST-80D-3	0.66	1
37230	LST-100D-3	0.66	1
37231	LST-125D-3	0.66	1

Miniature circuit breakers 3+N-pole, characteristic D

37464	LST-40D-3N	0.84	1
37465	LST-50D-3N	0.84	1
37466	LST-63D-3N	0.84	1
37238	LST-80D-3N	0.84	1
37239	LST-100D-3N	0.84	1
37240	LST-125D-3N	0.84	1



ACCESSORIES

Code	Type	Description	Weight [kg]	Package [pcs]
Auxiliary switches and relative switches for miniature circuit breaker				
34260	PS-LP-110S	1x make contact, 1x break contact or 1x make contact, 1x relative make contact	0.05	1
34261	PS-LP-110S-Au	1x make contact, 1x break contact or 1x make contact, 1x relative make contact, gold-plated contacts	0.05	1
34262	PS-LP-110S-Y	1x make contact, 1x break contact or 1x break contact, 1x relative break contact	0.05	1
34263	PS-LP-200S	2x make contact or 1x make contact, 1x relative break contact	0.05	1
34264	PS-LP-020S	2x break contact or 1x break contact, 1x relative make contact	0.05	1
34265	PS-LP-001S	1x make-and-break contact or 1x relative make-and-break contact	0.045	1

Auxiliary switches for circuit breakers LST and formerly produced types of circuit breakers LSE, LSN

35664	PS-LS-1100	1x make contact, 1x break contact	0.043	1
35665	PS-LS-1100-Au	1x make contact, 1x break contact, gold-plated contacts	0.043	1
35666	PS-LS-2100	2x make contact, 1x break contact	0.049	1
35667	PS-LS-2100-Au	2x make contact, 1x break contact, gold-plated contacts	0.049	1

Shunt trips for circuit breakers LPE and LPN

34325	SV-LP-X060	12 ÷ 60 V a.c./d.c.	0.125	1
34326	SV-LP-X400	110 ÷ 415 V a.c. / 110 ÷ 220 V d.c.	0.125	1

Shunt trips for circuit breakers LST and formerly produced types of circuit breakers LSE, LSN

35695	SV-LS-X024-1000	24 V a.c./d.c.	0.12	1
35696	SV-LS-X024-1010	24 V a.c./d.c., 1x make-and-break contact	0.12	1
35697	SV-LS-X048-1000	48 V a.c./d.c.	0.12	1
35698	SV-LS-X048-1010	48 V a.c./d.c., 1x make-and-break contact	0.12	1
35699	SV-LS-X110-1000	110 V a.c./d.c.	0.12	1
35700	SV-LS-X110-1010	110 V a.c./d.c., 1x make-and-break contact	0.12	1
35701	SV-LS-X230-1000	230 V a.c. / 220 V d.c.	0.12	1
35702	SV-LS-X230-1010	230 V a.c. / 220 V d.c., 1x make-and-break contact	0.12	1
35703	SV-LS-X400-1000	400 V a.c. / 440 V d.c.	0.12	1
35704	SV-LS-X400-1010	400 V a.c. / 440 V d.c., 1x make-and-break contact	0.12	1

Undervoltage releases for circuit breakers LPE and LPN

34327	SP-LP-A024	24 V a.c.	0.125	1
34328	SP-LP-A048	48 V a.c.	0.125	1
34329	SP-LP-A110	110 V a.c.	0.13	1
34330	SP-LP-A230	230 V a.c.	0.125	1
34331	SP-LP-A230-T004	230 V a.c., delay 0.4 s	0.13	1
34332	SP-LP-A400	400 V a.c.	0.13	1
34333	SP-LP-D024-Y004	24 V d.c., possibility of delay 0.2 s	0.13	1
34334	SP-LP-D048-Y004	48 V d.c., possibility of delay 0.2 s	0.13	1
34335	SP-LP-D110-Y004	110 V d.c., possibility of delay 0.2 s	0.13	1
34336	SP-LP-D220-Y004	220 V d.c., possibility of delay 0.2 s	0.125	1
34337	SP-LP-D400-Y004	400 V d.c., possibility of delay 0.2 s	0.125	1

Undervoltage releases for circuit breakers LST and formerly produced types of circuit breakers LSE, LSN

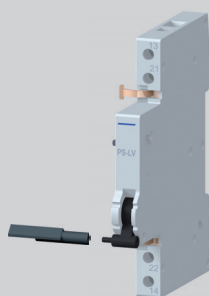
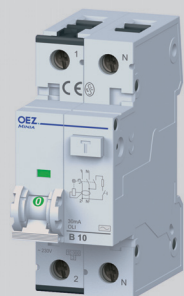
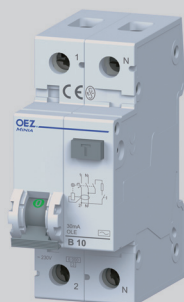
35944	SP-LS-A024	24 V a.c.	0.12	1
35945	SP-LS-A024-1010	24 V a.c., 1x make-and-break contact	0.12	1
35946	SP-LS-A048	48 V a.c.	0.12	1
35947	SP-LS-A048-1010	48 V a.c., 1x make-and-break contact	0.12	1
35948	SP-LS-A110	110 V a.c.	0.12	1
35949	SP-LS-A110-1010	110 V a.c., 1x make-and-break contact	0.12	1
35950	SP-LS-A230	230 V a.c.	0.12	1
35951	SP-LS-A230-1010	230 V a.c., 1x make-and-break contact	0.12	1
35952	SP-LS-A400	400 V a.c.	0.12	1
35953	SP-LS-A400-1010	400 V a.c., 1x make-and-break contact	0.12	1

Accessories for circuit breakers LPE, LPN

37287	OD-LP-VU01	locking insert	0.003	1
37289	OD-LP-VP01	sealing insert	0.004	1
37288	OD-LP-MP01	insulating barriers, 3 pcs	0.002	1

RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION

Type		OLE	OLI
Number of poles		2	2
Tripping characteristics		B, C	B, C
Rated current	I_n	6 ÷ 40 A	6 ÷ 40 A
Rated residual current	$I_{\Delta n}$	0.03 A	0.03; 0.3 A
Rated operating voltage	U_e	230 V a.c.	230 V a.c.
Type		AC	A, AC, AC-G
Rated short-circuit breaking capacity	I_{cn}	6 kA	10 kA



OLE

Code	Type	Weight [kg]	Package [pcs]
characteristic B			
38313	OLE-6B-N1-030AC	0.25	1
38314	OLE-10B-N1-030AC	0.25	1
38315	OLE-16B-N1-030AC	0.25	1
38316	OLE-20B-1N-030AC	0.25	1
38317	OLE-25B-1N-030AC	0.25	1
38318	OLE-32B-1N-030AC	0.25	1
38319	OLE-40B-1N-030AC	0.25	1

Code	Type	Weight [kg]	Package [pcs]
characteristic C			
38320	OLE-6C-N1-030AC	0.25	1
38321	OLE-10C-N1-030AC	0.25	1
38322	OLE-16C-N1-030AC	0.25	1
38323	OLE-20C-1N-030AC	0.25	1
38324	OLE-25C-1N-030AC	0.25	1
38325	OLE-32C-1N-030AC	0.25	1
38326	OLE-40C-1N-030AC	0.25	1

OLI

Code	Type	Weight [kg]	Package [pcs]
Type AC, characteristic B			
38271	OLI-6B-N1-030AC	0.25	1
38272	OLI-10B-N1-030AC	0.25	1
38273	OLI-16B-N1-030AC	0.25	1
38274	OLI-20B-N1-030AC	0.25	1
38275	OLI-25B-N1-030AC	0.25	1
38276	OLI-32B-N1-030AC	0.25	1
38277	OLI-40B-N1-030AC	0.25	1

Code	Type	Weight [kg]	Package [pcs]
Type A, characteristic B			
38292	OLI-6B-N1-030A	0.25	1
38293	OLI-10B-N1-030A	0.25	1
38294	OLI-16B-N1-030A	0.25	1
38295	OLI-20B-N1-030A	0.25	1
38296	OLI-25B-N1-030A	0.25	1
38297	OLI-32B-N1-030A	0.25	1
38298	OLI-40B-N1-030A	0.25	1

Code	Type	Weight [kg]	Package [pcs]
Type AC-G, characteristic B			
38328	OLI-10B-N1-030AC-G	0.25	1
38329	OLI-16B-N1-030AC-G	0.25	1
38330	OLI-20B-N1-030AC-G	0.25	1
38331	OLI-25B-N1-030AC-G	0.25	1

Code	Type	Weight [kg]	Package [pcs]
Type AC, characteristic C			
38278	OLI-6C-N1-030AC	0.25	1
38279	OLI-10C-N1-030AC	0.25	1
38280	OLI-16C-N1-030AC	0.25	1
38281	OLI-20C-N1-030AC	0.25	1
38282	OLI-25C-N1-030AC	0.25	1
38283	OLI-32C-N1-030AC	0.25	1
38284	OLI-40C-N1-030AC	0.25	1
38285	OLI-6C-N1-300AC	0.25	1
38286	OLI-10C-N1-300AC	0.25	1
38287	OLI-16C-N1-300AC	0.25	1
38288	OLI-20C-N1-300AC	0.25	1
38289	OLI-25C-N1-300AC	0.25	1
38290	OLI-32C-N1-300AC	0.25	1
38291	OLI-40C-N1-300AC	0.25	1

Code	Type	Weight [kg]	Package [pcs]
Type A, characteristic C			
38299	OLI-6C-N1-030A	0.25	1
38300	OLI-10C-N1-030A	0.25	1
38301	OLI-16C-N1-030A	0.25	1
38302	OLI-20C-N1-030A	0.25	1
38303	OLI-25C-N1-030A	0.25	1
38304	OLI-32C-N1-030A	0.25	1
38305	OLI-40C-N1-030A	0.25	1
38306	OLI-6C-N1-300A	0.25	1
38307	OLI-10C-N1-300A	0.25	1
38308	OLI-16C-N1-300A	0.25	1
38309	OLI-20C-N1-300A	0.25	1
38310	OLI-25C-N1-300A	0.25	1
38311	OLI-32C-N1-300A	0.25	1
38312	OLI-40C-N1-300A	0.25	1

Code	Type	Weight [kg]	Package [pcs]
Type AC-G, characteristic C			
38333	OLI-10C-N1-030AC-G	0.25	1
38334	OLI-16C-N1-030AC-G	0.25	1
38335	OLI-20C-N1-030AC-G	0.25	1
38336	OLI-25C-N1-030AC-G	0.25	1

ACCESSORIES

Code	Type	Description	Weight [kg]	Package [pcs]
Auxiliary switch for residual current circuit breakers with overcurrent protection OLI and OLE				
38938	PS-LV-1100-K	1× make and 1× break contact	0.052	1

RESIDUAL CURRENT CIRCUIT BREAKERS

Type		OFE	OFI
Number of poles		2, 4	2, 4
Rated current	I_n	25 ÷ 80 A	16 ÷ 125 A
Rated residual current	$I_{\Delta n}$	0.01 ÷ 0.5 A	0.01 ÷ 0.5 A
Rated operating voltage	U_e	230/400 V a.c.	230/400 V a.c.
Type		AC	AC, A, AC-G, A-G, A-S
Rated conditional short-circuit current		6 kA	10 kA

OFE

Code	Type	Weight [kg]	Package [pcs]
type AC, 2-pole			
36787	OFE-16-2-010AC	0.28	1
35299	OFE-25-2-030AC	0.28	1
35301	OFE-40-2-030AC	0.28	1
36788	OFE-25-2-100AC	0.28	1
36789	OFE-40-2-100AC	0.28	1
35300	OFE-25-2-300AC	0.28	1
35302	OFE-40-2-300AC	0.28	1

Code	Type	Weight [kg]	Package [pcs]
type AC, 4-pole			
35303	OFE-25-4-030AC	0.52	1
35305	OFE-40-4-030AC	0.52	1
35307	OFE-63-4-030AC	0.52	1
36795	OFE-80-4-030AC	0.52	1
36790	OFE-25-4-100AC	0.52	1
37258	OFE-40-4-100AC	0.52	1
36793	OFE-63-4-100AC	0.52	1

Code	Type	Weight [kg]	Package [pcs]
type AC, 4-pole			
35304	OFE-25-4-300AC	0.52	1
35306	OFE-40-4-300AC	0.52	1
35308	OFE-63-4-300AC	0.52	1
36796	OFE-80-4-300AC	0.52	1
36791	OFE-40-4-500AC	0.52	1
36794	OFE-63-4-500AC	0.52	1

OFI

Code	Type	Weight [kg]	Package [pcs]
type AC, 2-pole			
36797	OFI-25-2-030AC	0.28	1
36800	OFI-40-2-030AC	0.28	1
36798	OFI-25-2-100AC	0.28	1
36801	OFI-40-2-100AC	0.28	1
36799	OFI-25-2-300AC	0.28	1
36802	OFI-40-2-300AC	0.28	1

Code	Type	Weight [kg]	Package [pcs]
type A, 2-pole			
35273	OFI-16-2-010A	0.28	1
35274	OFI-25-2-030A	0.28	1
35277	OFI-40-2-030A	0.28	1
35275	OFI-25-2-100A	0.28	1
35278	OFI-40-2-100A	0.28	1
35276	OFI-25-2-300A	0.28	1
35279	OFI-40-2-300A	0.28	1

Code	Type	Weight [kg]	Package [pcs]
type AC-G, 2-pole			
38437	OFI-25-2-030AC-G	0.28	1
38438	OFI-40-2-030AC-G	0.28	1

Code	Type	Weight [kg]	Package [pcs]
type A-G, 2-pole			
38447	OFI-25-2-030A-G	0.28	1
38448	OFI-40-2-030A-G	0.28	1

Code	Type	Weight [kg]	Package [pcs]
type AC, 4-pole			
36806	OFI-25-4-030AC	0.52	1
36809	OFI-40-4-030AC	0.52	1
36813	OFI-63-4-030AC	0.52	1
36817	OFI-80-4-030AC	0.52	1
36819	OFI-100-4-030AC	0.52	1
36823	OFI-125-4-030AC	0.52	1
36807	OFI-25-4-100AC	0.52	1
36810	OFI-40-4-100AC	0.52	1
36814	OFI-63-4-100AC	0.52	1
36820	OFI-100-4-100AC	0.52	1
36824	OFI-125-4-100AC	0.52	1
36808	OFI-25-4-300AC	0.52	1
36811	OFI-40-4-300AC	0.52	1
36815	OFI-63-4-300AC	0.52	1
36818	OFI-80-4-300AC	0.52	1
36821	OFI-100-4-300AC	0.52	1
36825	OFI-125-4-300AC	0.52	1
36812	OFI-40-4-500AC	0.52	1
36816	OFI-63-4-500AC	0.52	1
36822	OFI-100-4-500AC	0.52	1
36826	OFI-125-4-500AC	0.52	1

Code	Type	Weight [kg]	Package [pcs]
type A, 4-pole			
35280	OFI-25-4-030A	0.52	1
35283	OFI-40-4-030A	0.52	1
35287	OFI-63-4-030A	0.52	1
36830	OFI-80-4-030A	0.52	1
36831	OFI-100-4-030A	0.52	1
36835	OFI-125-4-030A	0.52	1
35281	OFI-25-4-100A	0.52	1
35284	OFI-40-4-100A	0.52	1
35288	OFI-63-4-100A	0.52	1
36832	OFI-100-4-100A	0.52	1
36836	OFI-125-4-100A	0.52	1
35282	OFI-25-4-300A	0.52	1
35285	OFI-40-4-300A	0.52	1
35289	OFI-63-4-300A	0.52	1
35291	OFI-80-4-300A	0.52	1
36833	OFI-100-4-300A	0.52	1
36837	OFI-125-4-300A	0.52	1
35286	OFI-40-4-500A	0.52	1
35290	OFI-63-4-500A	0.52	1
36834	OFI-100-4-500A	0.52	1
36838	OFI-125-4-500A	0.52	1

Code	Type	Weight [kg]	Package [pcs]
type AC-G, 4-pole			
38439	OFI-25-4-030AC-G	0.52	1
38440	OFI-40-4-030AC-G	0.52	1
38441	OFI-63-4-030AC-G	0.52	1
38443	OFI-25-4-100AC-G	0.52	1
38444	OFI-40-4-100AC-G	0.52	1
38445	OFI-63-4-100AC-G	0.52	1

Code	Type	Weight [kg]	Package [pcs]
type A-G, 4-pole			
35292	OFI-25-4-030A-G	0.52	1
35294	OFI-40-4-030A-G	0.52	1
36839	OFI-63-4-030A-G	0.52	1
35293	OFI-25-4-100A-G	0.52	1
35295	OFI-40-4-100A-G	0.52	1
35296	OFI-63-4-100A-G	0.52	1

Code	Type	Weight [kg]	Package [pcs]
type A-S, 4-pole			
35297	OFI-40-4-300A-S	0.52	1
35298	OFI-63-4-300A-S	0.52	1

ACCESSORIES

Code	Type	Description	Weight [kg]	Package [pcs]
Auxiliary switches for residual current circuit breakers OFI and OFE				
35309	PS-OF-1100	1x make contact, 1x make-and-break contact	0.5	1
36840	PS-OF125-1100	1x make contact, 1x make-and-break contact, for OFI-100-..., OFI-125-...	0.5	1



OVERVOLTAGE PROTECTIONS

Type		SJB	SJBC	SVBC	SVC	SVM	SVD	SVF
Arrester classification according to EN 61643-11		type 1	type 1 + type 2	type 1 + type 2	type 2	type 2	type 3	type 2
Maximum constant operating voltage	U_c	350 / 440 V a.c.	350 V a.c.	335 V a.c.	275 / 350 V a.c.	440 V a.c.	253 / 335 V a.c.	600 / 1000 V d.c.
Lightning current (10/350 μ s) / pole	I_{imp}	25 / 50 kA	25 kA	12.5 kA	-	-	-	-
Rated discharge current (8/20 μ s) / pole	I_n	25 / 50 kA	25 kA	12.5 kA	20 kA	20 kA	3 / 1.5 kA	15 kA
Maximum discharge current (8/20 μ s) / pole	I_{max}	-	40 kA	50 kA	40 kA	40 kA	10 / 4.5 kA	40 / 30 kA
Rated frequency	f_n	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	-
Off-load voltage	U_{oc}	-	-	-	-	-	6 / 4 kV	-
Voltage protection level	U_p	$\leq 1.5/2.5$ kV	≤ 1.5 kV	≤ 1.2 kV	$\leq 1.35/1.4$ kV	≤ 2.2 kV	$\leq 1.1/1.2/1.3$ kV	$\leq 3/5$ kV

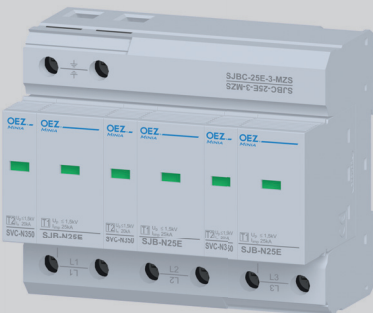
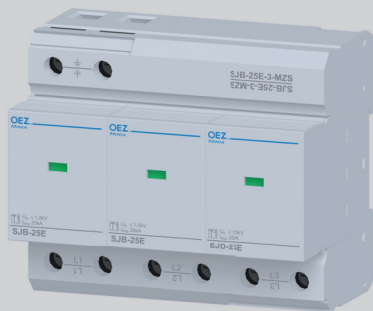
Code	Type	Description	Weight [kg]	Package [pcs]
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Lightning current arresters, type 1

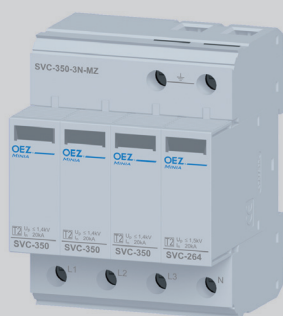
39227	SJBplus-50-2,5	T1, limp 50 kA, arc extinguishing short-circuit current 50 kA, spark gap, installation without separating inductance, 1-pole	0.567	1
34716	SJB-NPE-1,5	T1, limp 100 kA, summing gap between PE and N, 1-pole	0.32	1
38357	SJB-25E-3-MZS	T1, plug-in design with signalling - set, limp 25 kA (10/350), Ifi 50 kA, spark gap, 3-pole	0.91	1
38358	SJB-25E-3N-MZS	T1, plug-in design with signalling - set, limp 25 kA (10/350), Ifi 50 kA, spark gap, 3+N-pole	1.31	1
38360	SJB-25E-1-M	only replaceable module for SJB-25E (L/N), T1, 1-pole	0.24	10
38359	SJB-100E-N-M	only replaceable module for SJB-25E, SJBC-25E (N/PE), T1, N-pole	0.24	10

Combined lightning current and surge voltage arresters, type 1 + type 2

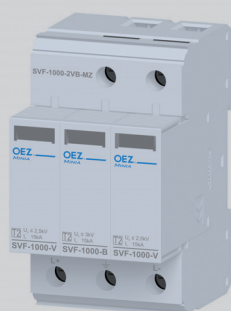
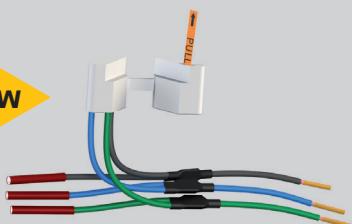
38361	SJBC-25E-3-MZS	T1+T2, plug-in design with signalling - set, limp 25kA (10/350), Ifi 25 kA, spark gap, 3-pole	1.04	1
38362	SJBC-25E-3N-MZS	T1+T2, plug-in design with signalling - set, limp 25kA (10/350), Ifi 25 kA, spark gap, 3+N-pole	1.43	1
▷ 40615	SVBC-12,5-1-MZ	T1+T2, plug-in design without signalling - set, limp 12.5kA (10/350), $I_{max} = 50$ kA, varistor 1-pole	0.158	1
▷ 40618	SVBC-12,5-1N-MZS	T1+T2, plug-in design with signalling - set, limp 12.5kA (10/350), $I_{max} = 50$ kA, varistor 1+N-pole	0.36	1
▷ 40619	SVBC-12,5-3-MZ	T1+T2, plug-in design without signalling - set, limp 12.5kA (10/350), $I_{max} = 50$ kA, varistor 3-pole	0.553	1
▷ 40620	SVBC-12,5-3-MZS	T1+T2, plug-in design with signalling - set, limp 12.5kA (10/350), $I_{max} = 50$ kA, varistor 3-pole	0.56	1
▷ 40621	SVBC-12,5-3N-MZ	T1+T2, plug-in design without signalling - set, limp 12.5kA (10/350), $I_{max} = 50$ kA, varistor 3+N-pole	0.672	1
▷ 40622	SVBC-12,5-3N-MZS	T1+T2, plug-in design with signalling - set, limp 12.5kA (10/350), $I_{max} = 50$ kA, varistor 3+N-pole	0.681	1
▷ 40623	SVBC-12,5-4-MZ	T1+T2, plug-in design without signalling - set, limp 12.5kA (10/350), $I_{max} = 50$ kA, varistor 4-pole	0.749	1
▷ 40624	SVBC-12,5-4-MZS	T1+T2, plug-in design with signalling - set, limp 12.5kA (10/350), $I_{max} = 50$ kA, varistor 4-pole	0.753	1
38363	SJB-N25E-1-M	only replaceable module for SJBC-25E (L/N), T1	0.129	10
38364	SVC-N350-1-M	only replaceable module for SJBC-25E (L/N), T2	0.052	10
38359	SJB-100E-N-M	only replaceable module for SJB-25E, SJBC-25E (N/PE), T1, N-pole	0.24	10
▷ 40625	SVBC-12,5-1-M	only replaceable module for SVBC-12,5 (L/N), T1+T2	0.114	1
▷ 40626	SVBC-50-N-M	only replaceable module for SVBC-12,5 (N/PE), T1+T2	0.078	1



New



New



Code	Type	Description	Weight [kg]	Package [pcs]
Surge voltage arresters, type 2				
38842	SVC-275-1	T2, fixed design, $U_c = 275$ V, varistor 1-pole	0.095	1
38843	SVC-275-1-S	T2, fixed design with signalling, $U_c = 275$ V, varistor 1-pole	0.1	1
38844	SVC-255-N-S	T2, fixed design with signalling, $U_c = 255$ V, vacuum arrester between N and PE, 1-pole	0.1	1
38365	SVC-350-3-MZ	T2, plug-in design - set, $U_c = 350$ V, 3-pole	0.393	1
38366	SVC-350-3-MZS	T2, plug-in design with signalling - set, $U_c = 350$ V, 3-pole	0.403	1
38367	SVC-350-3N-MZ	T2, plug-in design - set, $U_c = 350$ V, 3+N-pole	0.433	1
38368	SVC-350-3N-MZS	T2, plug-in design with signalling - set, $U_c = 350$ V, 3+N-pole	0.443	1
40861	SVC-350-4-MZ	T2, plug-in design - set, $U_c = 350$ V, 4-pole	0.433	1
40862	SVC-350-4-MZS	T2, plug-in design with signalling - set, $U_c = 350$ V, 4-pole	0.433	1
34720	SVM-440-Z	T2, In 20 kA, $U_c = 440$ V a.c., plug-in design - set, varistor 1-pole	0.136	1
34721	SVM-440-ZS	T2, In 20 kA, $U_c = 440$ V a.c., plug-in design with signalling - set, varistor 1-pole	0.143	1
34723	SVM-NPE-Z	type 2, In 20 kA, $U_c = 260$ V a.c., plug-in design, replaceable module, vacuum arrester between N and PE, 1-pole	0.130	1
38369	SVC-350-1-M	only replaceable module for SVC-350 (L/N), T2, 1-pole	0.051	10
38370	SVC-264-N-M	only replaceable module for SVC-350 (N/PE), T2, N-pole	0.04	10
34722	SVM-440	only replaceable module, varistor, for SVM-440-Z, SVM-440-ZS, T2, In 20 kA, $U_c = 440$ V a.c.	0.049	10
34724	SVM-NPE	only replaceable module, $U_c = 260$ V, vacuum arrester, for SVM-NPE-Z	0.039	10

Surge voltage arresters, type 3

38371	SVD-253-1N-MZS	T3, plug-in design with signalling - set, $U_c = 253$ V, 1+N-pole	0.081	1
38372	SVD-335-3N-MZS	T3, plug-in design with signalling - set, $U_c = 335$ V, 3+N-pole	0.129	1
▶ 39164	SVD-335-1N-AS	T3, only replaceable module, $U_c = 335$ V, 1+N-pole	0.0413	1
38373	SVD-253-1N-M	only replaceable module for SVD-253, $U_c = 253$ V, 1+N-pole	0.027	10
38374	SVD-335-3N-M	only replaceable module for SVD-335, $U_c = 335$ V, 3+N-pole	0.043	10

Surge voltage arresters for photovoltaic systems, type 2

39165	SVF-1000-2VB-MZ	T2, plug-in design - set, $U_c = 1000$ V d.c., 2x varistor + 1x arrester, without signalling	0.344	1
39527	SVF-1000-2VB-MZS	T2, plug-in design - set, $U_c = 1000$ V d.c., 2x varistor + 1x arrester, with signalling	0.344	1
39528	SVF-600-3V-MZ	T2, plug-in design - set, $U_c = 600$ V d.c., 3x varistor, without signalling	0.322	1
39529	SVF-600-3V-MZS	T2, plug-in design - set, $U_c = 600$ V d.c., 3x varistor, with signalling	0.326	1
39166	SVF-1000-V-M	T2, only spare module for SVF-1000, varistor	0.083	1
39167	SVF-1000-B-M	T2, only spare module for SVF-1000 arrester	0.045	1
39530	SVF-600-V-M	T2, only spare module for SVF-600, varistor	0.072	1

INSTALLATION CONTACTORS

Type	RSI-20-..	RSI-25-..	RSI-40-..	RSI-63-..
Arrangement of contacts	10, 20, 11, 02	40, 31, 04	40, 31, 04	40, 31, 04
Rated thermal current	I_{th} 20 A	25 A	40 A	63 A
Rated operating voltage	U_e 250 V a.c.	440 V a.c.	440 V a.c.	440 V a.c.
Rated voltage	U_c 24, 230 V a.c.	24, 230 V a.c.	24, 230 V a.c.	24, 230 V a.c.

Code	Type	Description	Weight [kg]	Package [pcs]
Installation contactors				
36609	RSI-20-10-A230	lth 20 A, U_c 230 V a.c., 1x make contact	0.13	1
36610	RSI-20-20-A230	lth 20 A, U_c 230 V a.c., 2x make contact	0.13	1
36614	RSI-20-20-A024	lth 20 A, U_c 24 V a.c., 2x make contact	0.13	1
36611	RSI-20-11-A230	lth 20 A, U_c 230 V a.c., 1x make contact, 1x break contact	0.13	1
36615	RSI-20-11-A024	lth 20 A, U_c 24 V a.c., 1x make contact, 1x break contact	0.13	1
36612	RSI-20-02-A230	lth 20 A, U_c 230 V a.c., 2x break contact	0.13	1
36616	RSI-20-02-A024	lth 20 A, U_c 24 V a.c., 2x break contact	0.13	1
36617	RSI-25-40-A230	lth 25 A, U_c 230 V a.c., 4x make contact	0.23	1
36621	RSI-25-40-A024	lth 25 A, U_c 24 V a.c., 4x make contact	0.23	1
36618	RSI-25-31-A230	lth 25 A, U_c 230 V a.c., 3x make contact, 1x break contact	0.23	1
36622	RSI-25-31-A024	lth 25 A, U_c 24 V a.c., 3x make contact, 1x break contact	0.23	1
36620	RSI-25-04-A230	lth 25 A, U_c 230 V a.c., 4x break contact	0.23	1
36625	RSI-40-40-A230	lth 40 A, U_c 230 V a.c., 4x make contact	0.38	1
36629	RSI-40-40-A024	lth 40 A, U_c 24 V a.c., 4x make contact	0.38	1
36626	RSI-40-31-A230	lth 40 A, U_c 230 V a.c., 3x make contact, 1x break contact	0.38	1
36630	RSI-40-31-A024	lth 40 A, U_c 24 V a.c., 3x make contact, 1x break contact	0.38	1
36628	RSI-40-04-A230	lth 40 A, U_c 230 V a.c., 4x break contact	0.38	1
36633	RSI-63-40-A230	lth 63 A, U_c 230 V a.c., 4x make contact	0.38	1
36637	RSI-63-40-A024	lth 63 A, U_c 24 V a.c., 4x make contact	0.38	1
36634	RSI-63-31-A230	lth 63 A, U_c 230 V a.c., 3x make contact, 1x break contact	0.38	1
36638	RSI-63-31-A024	lth 63 A, U_c 24 V a.c., 3x make contact, 1x break contact	0.38	1
36636	RSI-63-04-A230	lth 63 A, U_c 230 V a.c., 4x break contact	0.38	1

Installation contactors with manual control

36641	RSI-20-20-A230-M	lth 20 A, U_c 230 V a.c., 2x make contact, with manual control	0.135	1
36643	RSI-20-20-A024-M	lth 20 A, U_c 24 V a.c., 2x make contact, with manual control	0.135	1
36642	RSI-20-11-A230-M	lth 20 A, U_c 230 V a.c., 1x make contact, 1x break contact, with manual control	0.135	1
36644	RSI-20-11-A024-M	lth 20 A, U_c 24 V a.c., 1x make contact, 1x break contact, with manual control	0.135	1
36645	RSI-25-40-A230-M	lth 25 A, U_c 230 V a.c., 4x make contact, with manual control	0.235	1
36647	RSI-25-40-A024-M	lth 25 A, U_c 24 V a.c., 4x make contact, with manual control	0.235	1
36646	RSI-25-31-A230-M	lth 25 A, U_c 230 V a.c., 3x make contact, 1x break contact, with manual control	0.235	1
36648	RSI-25-31-A024-M	lth 25 A, U_c 24 V a.c., 3x make contact, 1x break contact, with manual control	0.235	1
36649	RSI-40-40-A230-M	lth 40 A, U_c 230 V a.c., 4x make contact, with manual control	0.39	1
36651	RSI-40-40-A024-M	lth 40 A, U_c 24 V a.c., 4x make contact, with manual control	0.39	1
36650	RSI-40-31-A230-M	lth 40 A, U_c 230 V a.c., 3x make contact, 1x break contact, with manual control	0.39	1
36652	RSI-40-31-A024-M	lth 40 A, U_c 24 V a.c., 3x make contact, 1x break contact, with manual control	0.39	1
36653	RSI-63-40-A230-M	lth 63 A, U_c 230 V a.c., 4x make contact, with manual control	0.39	1

Auxiliary switch

36657	PS-RSI-1100	1x make contact, 1x break contact, for RSI-20-.., RSI-25-.., RSI-40-.., RSI-63-..	0.03	1
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INSTALLATION RELAYS

Code	Type	Description	Weight [kg]	Package [pcs]
35668	RPR-16-001-X230-SC	In 16 A, Uc 24 V a.c./d.c., 230 V a.c., 1x make-and-break contact, red LED	0.07	1
35669	RPR-16-001-X230-SE	In 16 A, Uc 24 V a.c./d.c., 230 V a.c., 1x make-and-break contact, green LED	0.07	1
35670	RPR-08-002-X230-SC	In 8 A, Uc 24 V a.c./d.c., 230 V a.c., 2x make-and-break contact, red LED	0.07	1
35671	RPR-08-002-X230-SE	In 8 A, Uc 24 V a.c./d.c., 230 V a.c., 2x make-and-break contact, green LED	0.07	1



PRIORITY CURRENT RELAYS

Code	Type	Description	Weight [kg]	Package [pcs]
35548	RLP-15-01	In 5 ÷ 15 A, 1x break contact	0.115	1
35549	RLP-15-10	In 5 ÷ 15 A, 1x make contact	0.115	1
35550	RLP-28-01	In 10 ÷ 28 A, 1x break contact	0.115	1
35551	RLP-28-10	In 10 ÷ 28 A, 1x make contact	0.115	1
35552	RLP-63-01	In 26 ÷ 63 A, 1x break contact	0.115	1
35553	RLP-63-10	In 26 ÷ 63 A, 1x make contact	0.115	1



MULTIPLE-FUNCTION TIME RELAYS

Code	Type	Description	Weight [kg]	Package [pcs]
35568	MCR-08-001-A230	In 8 A, Un 230 V a.c., 1x make-and-break contact, number of functions 16	0.115	1
35569	MCR-08-001-UNI	In 8 A, Un 12 ÷ 230 V a.c./d.c., 1x make-and-break contact, number of functions 16	0.115	1



TIMING RELAY

Code	Type	Description	Weight [kg]	Package [pcs]
35570	MTR-08-001-UNI	In 8 A, Un 12 ÷ 230 V a.c. / 12 ÷ 220 V d.c., 1x make-and-break contact	0.075	1

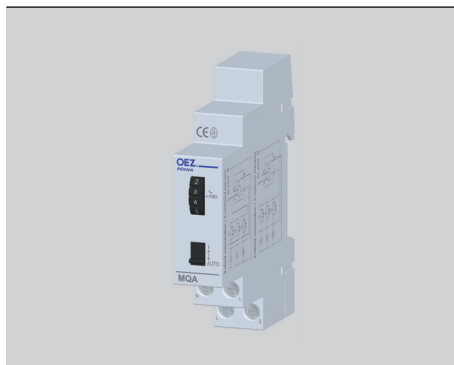


IMPULSE (MEMORY) RELAY

Code	Type	Description	Weight [kg]	Package [pcs]
35675	MIR-16-001-A230	In 16 A, Un 230 V a.c., 1x make-and-break contact	0.085	1

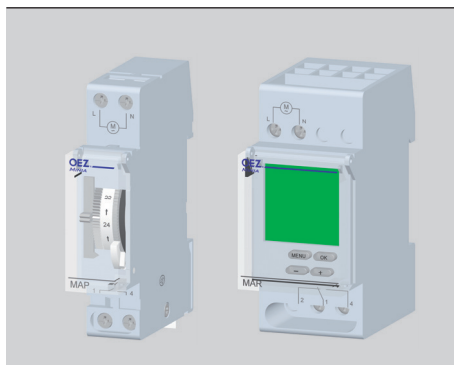
Accessories

Code	Type	Description	Weight [kg]	Package [pcs]
35676	OD-MIR-BK	compensation block	0.055	1
35677	OD-MIR-CO	multi-level central control block	0.05	1



STAIR SWITCHES

Code	Type	Description	Weight [kg]	Package [pcs]
37210	MQA-16-100-A230	In 16 A, Uc 230 V a.c., 1x make contact, time range 0.5 ÷ 10 min	0.086	1
37211	MQB-16-100-A230	In 16 A, Uc 230 V a.c., 1x make contact, time range 0.5 ÷ 10 min, warning before end of timing, possibility to extend the set time 4 times	0.086	1
37830	MQC-16-100-A230	In 16 A, Uc 230 V a.c., 1x make contact, time range 3 ÷ 60 min, warning before end of timing, possibility to stop or prolong the set time	0.086	1



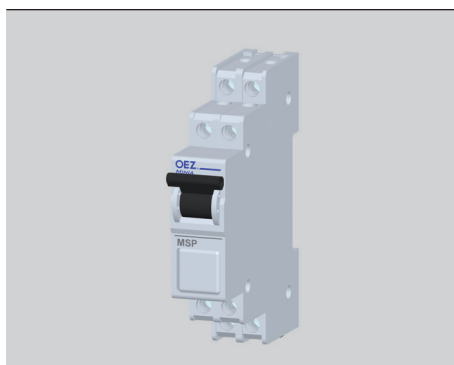
TIMERS

Code	Type	Description	Weight [kg]	Package [pcs]
36879	MAP-16-001-A230	Mechanical program timer, In 16 A, Uc 230 V a.c., 1x make-and-break contact, daily program	0.175	1
36880	MAP-16-100-A230-MINI	Mechanical program timer, In 16 A, Uc 230 V a.c., 1x make-and-break contact, daily program, width of 1 module	0.1	1
36881	MAR-16-001-A230	Digital program timer, In 16 A, Uc 230 V a.c., 1x make-and-break contact, weekly program, 1 channel	0.24	1
36882	MAR-16-002-A230	Digital program timer, In 16 A, Uc 230 V a.c., 2x make-and-break contact, weekly program, 2 channels	0.24	1



TUMBLER POWER SWITCHES

Code	Type	Description	Weight [kg]	Package [pcs]
34338	APN-32-1	In 32 A, Ue 230 V a.c., 60 V d.c., 1-pole, width of 1 module	0.12	12
34339	APN-32-1N	In 32 A, Ue 230 V a.c., 60 V d.c., 1+N-pole, width of 2 modules	0.235	6
34340	APN-32-2	In 32 A, Ue 230/400 V a.c., 60/220 V d.c., 2-pole, width of 2 modules	0.235	6
34341	APN-32-3	In 32 A, Ue 230/400 V a.c., 60/220 V d.c., 3-pole, width of 3 modules	0.355	4
34342	APN-32-3N	In 32 A, Ue 230/400 V a.c., 60/220 V d.c., 3+N-pole, width of 4 modules	0.47	3
34343	APN-63-1	In 63 A, Ue 230 V a.c., 60 V d.c., 1-pole, width of 1 module	0.12	12
34344	APN-63-1N	In 63 A, Ue 230 V a.c., 60 V d.c., 1+N-pole, width of 2 modules	0.235	6
34345	APN-63-2	In 63 A, Ue 230/400 V a.c., 60/220 V d.c., 2-pole, width of 2 modules	0.235	6
34346	APN-63-3	In 63 A, Ue 230/400 V a.c., 60/220 V d.c., 3-pole, width of 3 modules	0.355	4
34347	APN-63-3N	In 63 A, Ue 230/400 V a.c., 60/220 V d.c., 3+N-pole, width of 4 modules	0.47	3
37284	AST-125-1	In 125 A, Ue 230 V a.c., 48 V d.c., 1-pole, width 1.5 module	0.21	3
37285	AST-125-3	In 125 A, Ue 230/400 V a.c., 48 V d.c., 3-pole, width 4.5 module	0.63	1
37286	AST-125-3N	In 125 A, Ue 230/400 V a.c., 48 V d.c., 3+N-pole, width of 6 modules	0.84	1
39752	AVN-DC-63-4	In 63 A, Ue 1000 V d.c., 4-pole, width of 4 modules	0.67	1



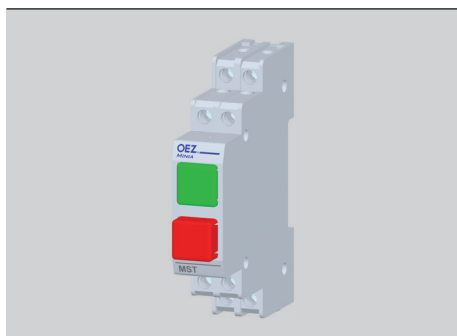
TUMBLER SWITCHES

Code	Type	Description	Weight [kg]	Package [pcs]
35865	MSP-11	1th 25 A, Ue 230/400 V a.c., 1x make contact, 1x break contact, width of 1 module	0.084	1
35870	MSP-22	1th 25 A, Ue 230/400 V a.c., 2x make contact, 2x break contact, width of 1 module	0.094	1
35874	MSP-40	1th 25 A, Ue 230/400 V a.c., 4x make contact, width of 1 module	0.094	1
37262	MSP-11-SG-A230	1th 25 A, Ue 230/400 V a.c., 1x make contact, 1x break contact, width of 1 module, with signalling - white / 230 V a.c.	0.094	1
37263	MSP-20-SG-A230	1th 25 A, Ue 230/400 V a.c., 2x make contact, width of 1 module, with signalling - white / 230 V a.c.	0.094	1



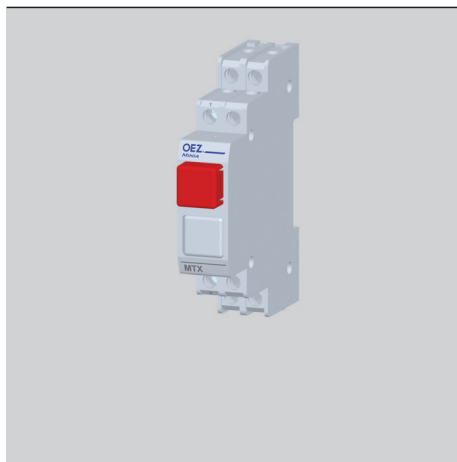
ROCKER-TYPE SWITCHES AND CHANGE-OVER SWITCHES

Code	Type	Description	Weight [kg]	Package [pcs]
35678	MSK-10	lth 16 A, Ue 250 V a.c., 12 V d.c., 1x make contact	0.065	1
35679	MSK-10-SC	lth 16 A, Ue 250 V a.c., 12 V d.c., 1x make contact, with signalling - red	0.065	1
35680	MSK-10-SE	lth 16 A, Ue 250 V a.c., 12 V d.c., 1x make contact, with signalling - green	0.065	1
35682	MSK-001-1X2	lth 10 A, Ue 250 V a.c., 12 V d.c., 1x make-and-break contact	0.065	1
35681	MSK-001-102	lth 6 A, Ue 250 V a.c., 12 V d.c., 1x make-and-break contact with intermediate position	0.065	1
35683	MSK-001-1T2	lth 6 A, Ue 250 V a.c., 12 V d.c., 1x make-and-break contact with intermediate position without arrestment	0.065	1



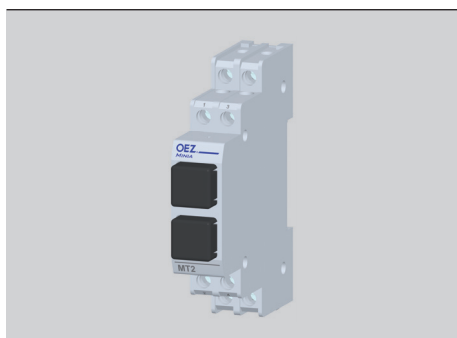
PUSH-BUTTON SWITCH

Code	Type	Description	Weight [kg]	Package [pcs]
35555	MST-22	lth 25 A, Ue 230/400 V a.c., 2x make contact, 2x break contact, green on button, red off button	0.12	1



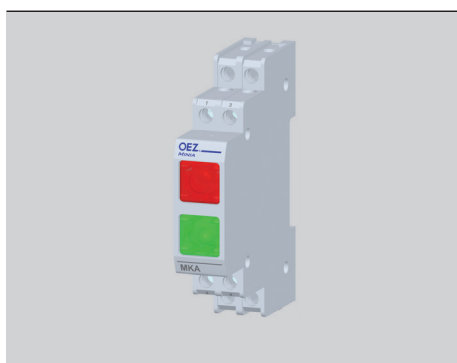
CONTROL PUSH-BUTTONS

Code	Type	Description	Weight [kg]	Package [pcs]
37265	MTX-01-TB	lth 25 A, Ue 230 V a.c., 1x break contact, button - black	0.072	1
37266	MTX-01-TC	lth 25 A, Ue 230 V a.c., 1x break contact, button - red	0.072	1
37267	MTX-01-TE	lth 25 A, Ue 230 V a.c., 1x break contact, button - green	0.072	1
37268	MTX-10-TB	lth 25 A, Ue 230 V a.c., 1x make contact, button - black	0.072	1
37269	MTX-10-TC	lth 25 A, Ue 230 V a.c., 1x make contact, button - red	0.072	1
37270	MTX-10-TE	lth 25 A, Ue 230 V a.c., 1x make contact, button - green	0.072	1
37271	MTX-22-TB	lth 25 A, Ue 230/400 V a.c., 2x make contact, 2x break contact, button - black	0.097	1
37272	MTX-22-TC	lth 25 A, Ue 230/400 V a.c., 2x make contact, 2x break contact, button - red	0.097	1
37273	MTX-22-TE	lth 25 A, Ue 230/400 V a.c., 2x make contact, 2x break contact, button - green	0.097	1
37274	MTX-11-TB-SG-A230	lth 25 A, Ue 230/400 V a.c., 1x make contact, 1x break contact, button - black, with signalling - white / 230 V a.c.	0.107	1
37275	MTX-20-TB-SG-A230	lth 25 A, Ue 230/400 V a.c., 2x make contact, button - black, with signalling - white / 230 V a.c.	0.107	1



DOUBLE CONTROL PUSH-BUTTONS

Code	Type	Description	Weight [kg]	Package [pcs]
37264	MT2-11-TB	lth 25 A, Ue 230/400 V a.c., 2x (1x make contact, 1x break contact), buttons - black	0.097	1

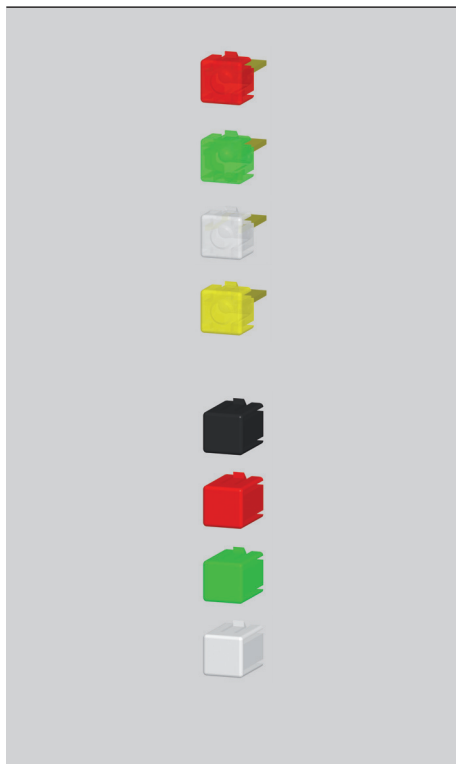


SIGNAL LIGHTS

Code	Type	Description	Weight [kg]	Package [pcs]
37276	MKA-SC-A230	Ue 230 V a.c., red	0.08	1
37277	MKA-SC-X024	Ue 24 V a.c./d.c., red	0.08	1
37278	MKA-SE-A230	Ue 230 V a.c., green	0.08	1
37279	MKA-SE-X024	Ue 24 V a.c./d.c., green	0.08	1
37280	MKA-SG-A230	Ue 230 V a.c., white	0.08	1
37281	MKA-SC-SE-A230	Ue 230 V a.c., red + green	0.09	1

Empty modules of signal lights

35558	MKA-1	signal light module, designed for completion 1 pc of indicator light	0.07	1
35559	MKA-2	signal light module, designed for completion 2 pcs of indicator lights	0.07	1



ACCESSORIES FOR MSP, MST, MTX, MT2, MKA

Code	Type	Description	Weight [kg]	Package [pcs]
Indicator lights				
11102	SC-A230	Ue 230 V a.c., red, for MSP, MTX, MKA	0.003	12
11106	SC-X024	Ue 24 V a.c./d.c., red, for MSP, MTX, MKA	0.003	12
11103	SE-A230	Ue 230 V a.c., green, for MSP, MTX, MKA	0.003	12
11107	SE-X024	Ue 24 V a.c./d.c., green, for MSP, MTX, MKA	0.003	12
11101	SG-A230	Ue 230 V a.c., white, for MSP, MTX, MKA	0.003	12
11105	SG-X024	Ue 24 V a.c./d.c., white, for MSP, MTX, MKA	0.003	12
11104	SD-A230	Ue 230 V a.c., yellow, for MSP, MTX, MKA	0.003	12
11108	SD-X024	Ue 24 V a.c./d.c., yellow, for MSP, MTX, MKA	0.003	12

Push-buttons

Code	Type	Description	Weight [kg]	Package [pcs]
8932	TB	button - black, for MST, MTX, MT2	0.002	12
8930	TC	button - red, for MST, MTX, MT2	0.002	12
8931	TE	button - green, for MST, MTX, MT2	0.002	12
8934	TG	button - white, for MST, MTX, MT2	0.002	12



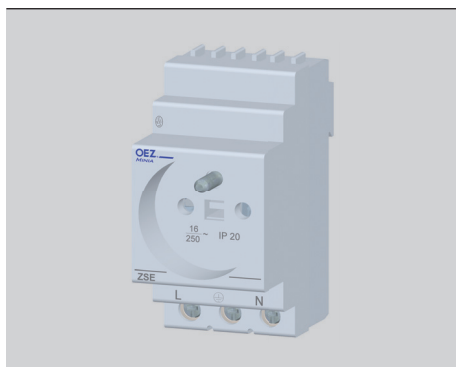
ELECTRIC BELLS AND BUZZERS

Code	Type	Description	Weight [kg]	Package [pcs]
35691	UMZ-A012	bell, Ue 8 ÷ 12 V a.c., modular design	0.075	1
35692	UMZ-A230	bell, Ue 230 V a.c., modular design	0.075	1
35689	UMB-A012	buzzer, Ue 8 ÷ 12 V a.c., modular design	0.075	1
35690	UMB-A230	buzzer, Ue 230 V a.c., modular design	0.075	1



POWER SUPPLIES

Code	Type	Description	Weight [kg]	Package [pcs]
35688	UTZ-4-A	safety bell transformer, power output 4 VA, Upri 230 V a.c., Usec 6, 8, 12 V a.c., short-circuit-proof, width of 3 modules	0.475	1
35685	UNZ-10T-X012	safety power supplies, power output 10 VA, Upri 230 V a.c., Usec 12 V a.c./d.c., PTC resistor protection, width of 3 modules	0.36	1
35686	UNZ-10T-X024	safety power supplies, power output 10 VA, Upri 230 V a.c., Usec 24 V a.c./d.c., PTC resistor protection, width of 3 modules	0.36	1
35687	UNZR-10T-X024	controlled safety power supply, power output 10 VA, Upri 230 V a.c., Usec 24 V a.c., 1.2 ÷ 24 V d.c., PTC resistor protection, with regulation, width of 3 modules	0.36	1



SOCKET OUTLETS

Code	Type	Description	Weight [kg]	Package [pcs]
37290	ZSE-03	In 16 A, Ue 230 V a.c., with protective pin, bottom connection, width of 2.5 module	0.132	1
37291	ZSE-06	In 16 A, Ue 230 V a.c., with protective pin, bottom connection / top connection, width of 2.5 module	0.15	1
37292	ZSF-03	In 16 A, Ue 230 V a.c., design "schuko", bottom connection, width of 2.5 module	0.132	1
37293	ZSF-06	In 16 A, Ue 230 V a.c., design "schuko", bottom connection / top connection, width of 2.5 module	0.15	1

INTERCONNECTING BUSBARS

Type	G1L-..., S1L-..., G2L-1000-16-DC	G2L-..., G3L-..., G4L-..., S2L-..., S3L-..., S4L-...
Rated operating voltage	U_e 690 V a.c. / 1000 V d.c.	415 V a.c.
Loading current	63 ÷ 180 A	63 ÷ 180 A

Max. loading current per phase

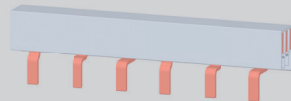
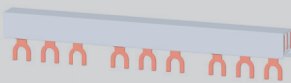
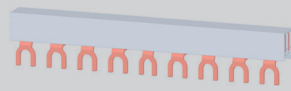
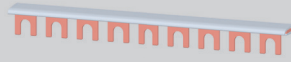
Rail cross-section	10 mm ²	12 mm ²	16 mm ²	20 mm ²	24 mm ²	25 mm ²
Power supply from the rail edge	63 A	65 A	80 A	90 A	100 A	100 A
Power supply from the rail centre ¹⁾	100 A	110 A	130 A	150 A	170 A	180 A

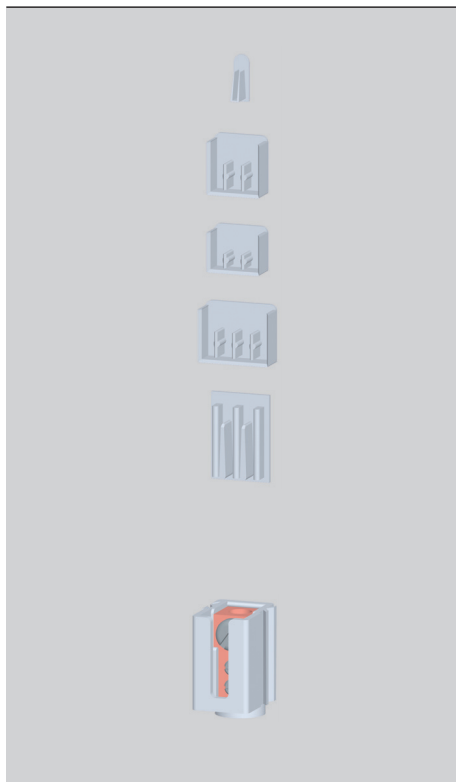
¹⁾ Max. loading current in one direction must not be higher than max. loading current at power supply from the rail edge

Code	Type	Description	Weight [kg]	Package [pcs]
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Interconnecting busbars

37352	G1L-30-10	1-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 2, forks	0.008	50
37356	G1L-30-16	1-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 2, forks	0.012	50
39789	G1L-50-16-L	1-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 3, long forks	0.019	50
39790	G1L-65-16-L	1-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 4, long forks	0.024	50
37353	G1L-106-10	1-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 6, forks	0.023	50
37357	G1L-106-16	1-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 6, forks	0.037	50
37354	G1L-210-10	1-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 12, forks	0.027	50
37358	G1L-210-16	1-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 12, forks	0.073	50
37355	G1L-1000-12	1-pole design, cross-section 12 mm ² , spacing 17.8 mm, number of outlets 57, forks	0.227	50
37359	G1L-1000-20	1-pole design, cross-section 20 mm ² , spacing 17.8 mm, number of outlets 57, forks	0.367	50
39788	G1L-1000-16-L	1-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 57, forks	0.312	50
37360	G1L-27-1000-24	1-pole design, cross-section 24 mm ² , spacing 27 mm, number of outlets 37, forks	0.307	50
37361	G2L-1000-16	2-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 28 x 2, forks	0.477	20
39080	G2L-1000-16-DC	2-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 26 x 2, forks, for DC design	0.467	20
37362	G3L-106-10	3-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 2 x 3, forks	0.046	25
37366	G3L-106-16	3-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 2 x 3, forks	0.074	25
37363	G3L-160-10	3-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 3 x 3, forks	0.069	25
37367	G3L-160-16	3-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 3 x 3, forks	0.111	25
37364	G3L-210-10	3-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 4 x 3, forks	0.091	25
37368	G3L-210-16	3-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 4 x 3, forks	0.147	25
37365	G3L-1000-10C	3-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 19 x 3, forks	0.457	20
37369	G3L-1000-16C	3-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 19 x 3, forks	0.737	20
37370	G3L+9-1000-16	3-pole design, cross-section 16 mm ² , spacing 2 x 17.8 + 9 mm, number of outlets 16 x 3, forks	0.614	20
37372	G3L+N-1000-16	3-pole design (L1-N-L2-N-L3-N), cross-section 16 mm ² , spacing 17.8 mm, number of outlets 27 x 2, forks	0.983	15
37371	G4L-1000-16	4-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 14 x 4, forks	0.983	15
38475	S1L-210-10	1-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 12, pins	0.045	50
37374	S1L-210-16	1-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 12, pins	0.047	50
37373	S1L-1000-10	1-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 57, pins	0.204	50
37375	S1L-1000-16	1-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 57, pins	0.302	50
37376	S1L-27-1000-16	1-pole design, cross-section 10 mm ² , spacing 27 mm, number of outlets 27, pins	0.201	50
37377	S1L-27-1000-25	1-pole design, cross-section 25 mm ² , spacing 27 mm, number of outlets 37, pins	0.315	30
38476	S2L-210-10	2-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 6 x 2, pins	0.067	20
38477	S2L-210-16	2-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 2 x 6, pins	0.110	20
37378	S2L-1000-16	2-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 28 x 2, pins	0.315	20
39849	S2L+N+9-1000-16	2-pole design (L1-N-L2-N), cross-section 16 mm ² , spacing 1 x 17.8 + 1 x 26.8, number of outlets 22 x 2, pins	0.710	20
38478	S3L-106-10	3-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 2 x 3, pins	0.055	25
38479	S3L-106-16	3-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 2 x 3, pins	0.080	25
38480	S3L-160-10	3-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 3 x 3, pins	0.085	25
38481	S3L-160-16	3-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 3 x 3, pins	0.115	25
38482	S3L-210-10	3-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 4 x 3, pins	0.110	25
38483	S3L-210-16	3-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 4 x 3, pins	0.150	25
38484	S3L-1000-10	3-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 57, pins	0.505	20
37379	S3L-1000-16	3-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 19 x 3, pins	0.737	20
37380	S3L-27-1000-16	3-pole design, cross-section 16 mm ² , spacing 27 mm, number of outlets 12 x 3, pins	0.537	20
37381	S3L-27-1000-25	3-pole design, cross-section 25 mm ² , spacing 27 mm, number of outlets 12 x 3, pins	0.995	20
38485	S3L+9-1000-16	3-pole design, cross-section 16 mm ² , spacing 2 x 17.8 + 1 x 26.8 mm, number of outlets 16 x 3, pins	0.720	10
38487	S3L+N-1000-16	3-pole design (L1-N-L2-N-L3-N), cross-section 16 mm ² , spacing 17.8 mm, number of outlets 27 x 2, pins	1.205	15
39616	S3L+N+9-1000-16	3-pole design (L1-N-L2-N-L3-N), cross-section 10 mm ² , spacing 1 x 17.8 + 1 x 26.8 mm, number of outlets 22 x 2, pins	0.983	15
38486	S4L-1000-16	4-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 14 x 4, pins	1.205	15
37382	S4L-27-1000-25	4-pole design, cross-section 25 mm ² , spacing 27 mm, number of outlets 9 x 4, pins	1.327	5





INTERCONNECTING BUSBARS

Code	Type	Description	Weight [kg]	Package [pcs]
End caps				
37383	EKC-1	for 1-pole rails with cross-sections 10, 12, 16 mm ²	0.0005	10
37384	EKC-2+3	for 2-pole rails and for 3-pole rails with cross-sections 16 mm ²	0.001	10
37385	EKC-3	for 3-pole rails with cross-sections 10 mm ²	0.001	10
37386	EKC-3-36	for 3-pole rails and for 4-pole rails with cross-sections 25 mm ²	0.002	10
37387	EKC-4	for 4-pole rails with cross-sections 16 mm ²	0.002	10

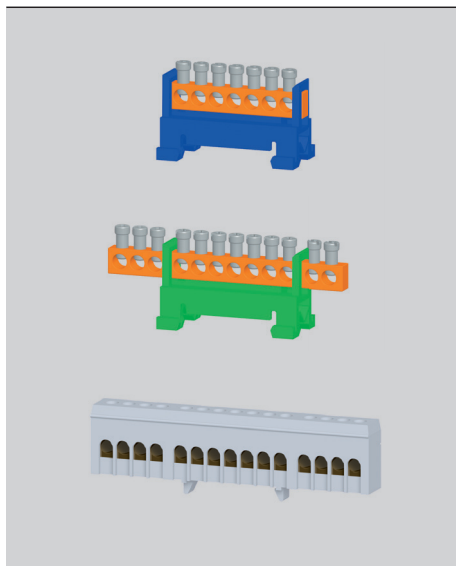
Power supply unit

37388	ES-35-GS	cross-section 35 mm ² , for interconnecting busbars	0.035	10
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TERMINAL EXTENSIONS

Code	Type	Description	Weight [kg]	Package [pcs]
37390	AS-25-G	fork, cross-section Cu 6 ÷ 25 mm ² , for LPE, LPN, APN, OFE, OFI, SJB, SJBC, SVBC, SVC, SVM	0.013	30
37389	AS-25-S	pin, cross-section Cu 6 ÷ 25 mm ² , for OFI-...-2-..., OFE-...-2-..., RLP	0.014	30
38749	AS-50-S-AL01	pin, cross-section Cu/Al 2.5 ÷ 50 mm ² , for LPE, LPN, LST, APN, AST, OLE, OLI, OFE, OFI, SJB, SJBC, SVBC, SVC, SVM	0.0175	1
13740	CS-FH000-3NP95	with straight terminal, cross-section Cu/Al 35 ÷ 95 mm ² , set of 3 pcs, for LST, SJBplus, SJB-NPE, AST	0.176	1
14378	CS-FH000-1NP95	with straight terminal, cross-section Cu/Al 35 ÷ 95 mm ² , 1 pc, for LST, SJBplus, SJB-NPE, AST	0.06	1
13742	CS-FH000-3NV95	with kick-up terminal, cross-section Cu/Al 35 ÷ 95 mm ² , for LST, SJBplus, SJB-NPE, AST	0.184	1
14127	N3x10-FH000	pin, cross-section 3x 10 mm ² , set of 3 pcs, for LST, AST, OLE, OLI, SJB, SJBC, SVBC, SVM	0.035	1



TERMINAL BOARD

Code	Type	Description	Weight [kg]	Package [pcs]
35901	CS-N7	number of terminals 7, cross-section 16 mm ² , blue	0.026	10
35902	CS-N12	number of terminals 12, cross-section 16 mm ² , blue	0.03	10
35903	CS-N15	number of terminals 15, cross-section 16 mm ² , blue	0.48	10
35904	CS-PE7	number of terminals 7, cross-section 16 mm ² , green	0.026	10
35905	CS-PE12	number of terminals 12, cross-section 16 mm ² , green	0.03	10
35906	CS-PE15	number of terminals 15, cross-section 16 mm ² , green	0.48	10
35898	CS-L7	number of terminals 7, cross-section 16 mm ² , grey ¹⁾	0.026	10
35899	CS-L12	number of terminals 12, cross-section 16 mm ² , grey ¹⁾	0.03	10
35900	CS-L15	number of terminals 15, cross-section 16 mm ² , grey ¹⁾	0.48	10

¹⁾ Covered design

NOTES

A large grid of small dots for taking notes, covering the majority of the page area below the 'NOTES' header.

Moulded case circuit breakers BC160B3

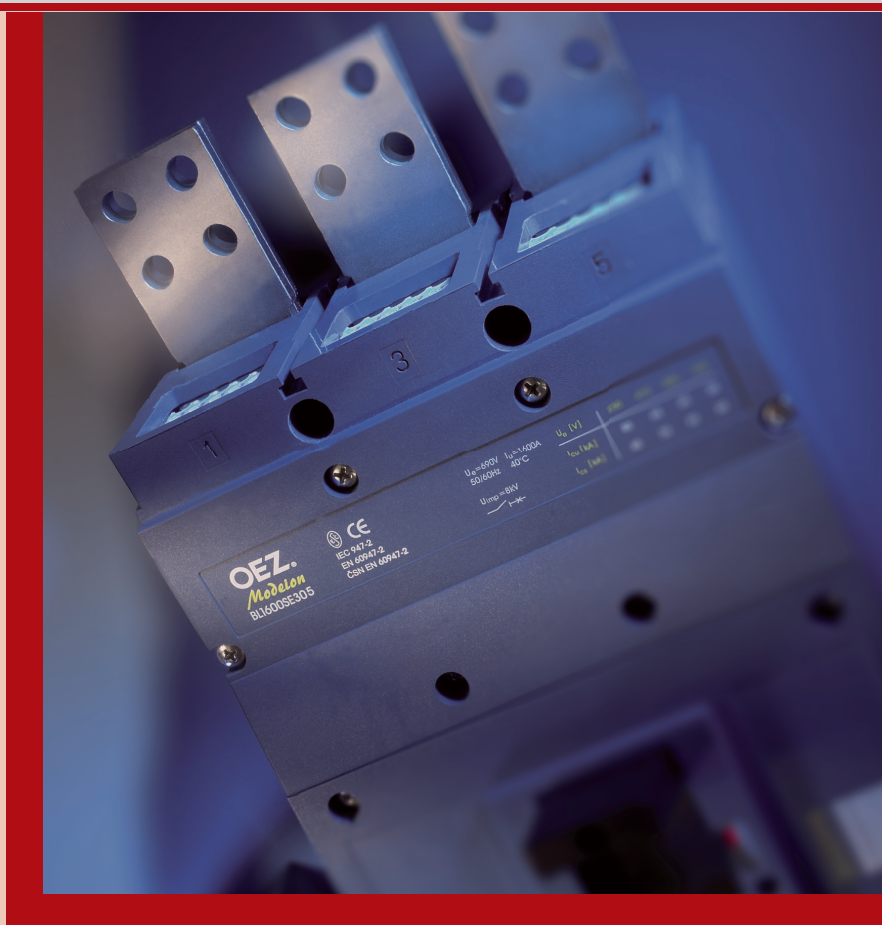
Moulded case circuit breakers BD250.....B11

Moulded case circuit breakers BH630.....B17

Moulded case circuit breakers BL1000, BL1600.....B23

MOULDED CASE CIRCUIT BREAKERS

B





Type		BC160N	BD250S BD250N	BH630S BH630N	BL1000S	BL1600S
Rated current	I_n	160 A	250 A	630 A	1000 A	1600 A
Rated operating voltage	U_e	690 V a.c., 250 V d.c. (3P), 440 V d.c. (4P)				
Rated frequency	f_n	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Utilization category		690 V a.c.	A	A	A	A, B
Rated short-circuit ultimate breaking capacity	I_{cu}	25 kA /415 V a.c.	65 (36) kA /415 V a.c.	65 (36) kA /415 V a.c.	65 kA /415 V a.c.	65 kA /415 V a.c.
Rated short-time withstand current at $U_e = 690$ V a.c.	I_{cw}	2 kA/1 s	2.5 kA/1 s	6.5 kA/1 s	15 kA/1 s	20 kA/1 s
Rated short-circuit making capacity	I_{cm}	52 kA /415 V a.c.	140 (75) kA /415 V a.c.	140 (75) kA /415 V a.c.	140 kA /415 V a.c.	140 kA /415 V a.c.
Overcurrent release		L, D, M, N	L001, DTV3, MTV8, MTV9	L001, DTV3, MTV8, MTV9	DTV3, MTV8, U001	DTV3, MTV8, U001
Dimensions W x H x D		75 x 135 x 70 mm	105 x 225 x 105 mm	140 x 275 x 105 mm	210 x 350 x 135 mm	210 x 350 x 135 mm
Number of poles		3, 4	3, 4	3, 4	3	3

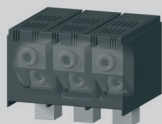
Design and accessories

Residual current device	●	–	–	–	–
Plug-in design	–	●	●	–	–
Withdrawable design	–	●	●	●	●
Switch auxiliary/relative/signal	●/–/●	●/●/●	●/●/●	●/●/–	●/●/–
Shunt trip	●	●	●	●	●
Undervoltage release /with early contact	●/–	●/●	●/●	●/–	●/–
Hand drive /with adjustable lever	●/●	●/●	●/●	●/●	●/●
Motor drive	●	●	●	●	●

● available, – unavailable, + being prepared

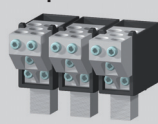
CONNECTING SETS

Block terminals



CS-BC-B021

Output terminals



CS-BC-B014

Front connection



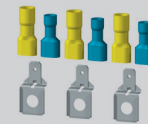
CS-BC-A011

Rear connection



CS-BC-A021

Potential terminals



CS-BC-PS01

Reduction for BA...#33

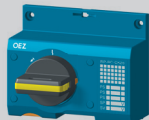


CS-BC-A033

HAND DRIVES

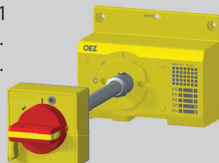
Hand drive unit - front

RP-BC-CK20
RP-BC-CP...



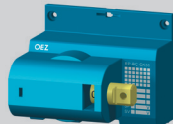
Hand drive unit - front

RP-BC-CK21
RP-BC-CH...
RP-BC-CN...



Hand drive unit - right side

RP-BC-CK30



Hand drive unit - left side

RP-BC-CK31



Mechanical parallel switching

RP-BC-CD10



Mechanical interlocking

RP-BC-CB10



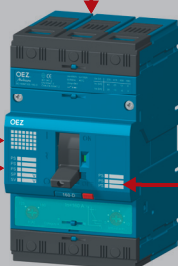
MOTOR DRIVES

Motor drive - side

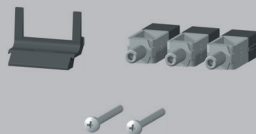
MP-BC-X...-B



CIRCUIT BREAKERS



BC160NT305-160-D



BC160NT305-160-L

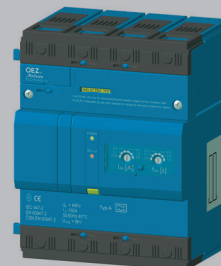


BC160NT305-100-M



BC160NT305-160-N

RESIDUAL CURRENT DEVICE



RCD-BC4-EA16

SWITCH-DISCONNECTOR



BC160NT305-160-V

AUXILIARY RELEASES

Shunt trip



SV-BC-X...

Undervoltage release



SP-BC-X...

SWITCHES

Signal switch



NS-BC-0010

Auxiliary switch



PS-BC-0010

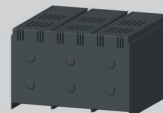
ACCESSORIES

Lockable lever



OD-BC-UP01

Terminal cover - IP20



OD-BC-KS03

Insulating barriers



CS-BC-KS02

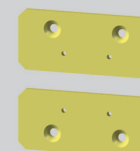
MOUNTING SETS

Adapter for DIN rail 35 mm

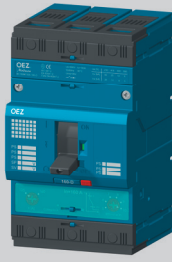


OD-BC-DIN1

Reduction for BA...#33

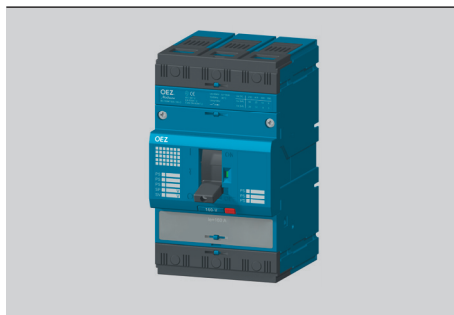


OD-BC-MS33



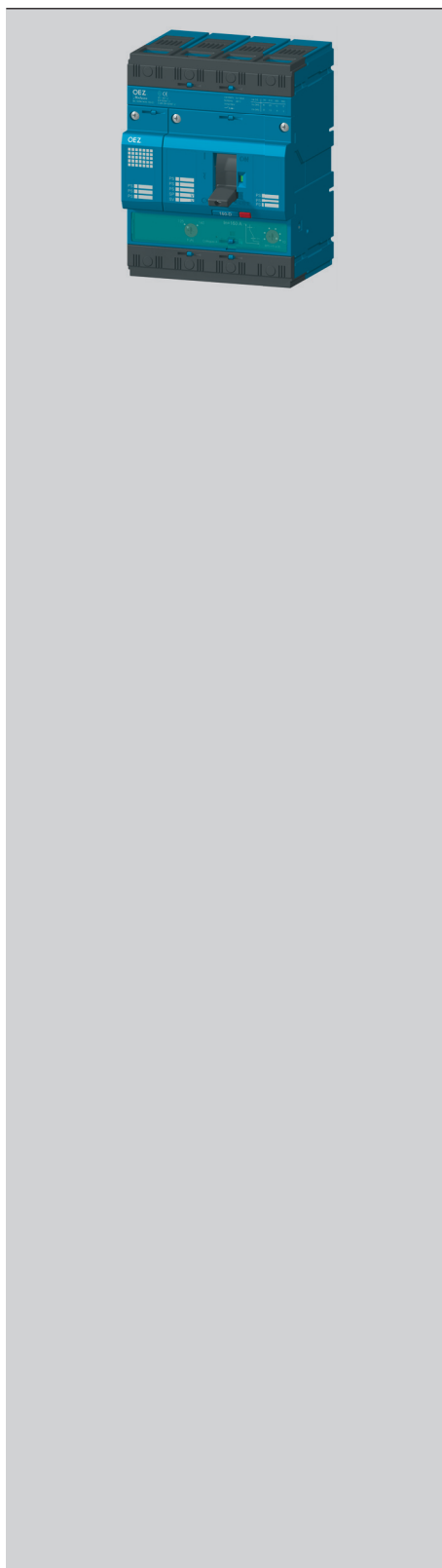
CIRCUIT BREAKERS 3-pole design

Code	Type	Description	Weight [kg]	Package [pcs]
20214	BC160NT305-40-L	3-pole, In 40 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20216	BC160NT305-50-L	3-pole, In 50 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20218	BC160NT305-63-L	3-pole, In 63 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20221	BC160NT305-80-L	3-pole, In 80 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20203	BC160NT305-100-L	3-pole, In 100 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20205	BC160NT305-125-L	3-pole, In 125 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20207	BC160NT305-160-L	3-pole, In 160 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20209	BC160NT305-16-D	3-pole, In 16 A, Icu 25 kA, distribution characteristic D, setting Ir 12.5 ÷ 16 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20211	BC160NT305-20-D	3-pole, In 20 A, Icu 25 kA, distribution characteristic D, setting Ir 16 ÷ 20 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20212	BC160NT305-25-D	3-pole, In 25 A, Icu 25 kA, distribution characteristic D, setting Ir 20 ÷ 25 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20213	BC160NT305-32-D	3-pole, In 32 A, Icu 25 kA, distribution characteristic D, setting Ir 25 ÷ 32 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20215	BC160NT305-40-D	3-pole, In 40 A, Icu 25 kA, distribution characteristic D, setting Ir 32 ÷ 40 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20217	BC160NT305-50-D	3-pole, In 50 A, Icu 25 kA, distribution characteristic D, setting Ir 40 ÷ 50 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20219	BC160NT305-63-D	3-pole, In 63 A, Icu 25 kA, distribution characteristic D, setting Ir 50 ÷ 63 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20222	BC160NT305-80-D	3-pole, In 80 A, Icu 25 kA, distribution characteristic D, setting Ir 63 ÷ 80 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20204	BC160NT305-100-D	3-pole, In 100 A, Icu 25 kA, distribution characteristic D, setting Ir 80 ÷ 100 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20206	BC160NT305-125-D	3-pole, In 125 A, Icu 25 kA, distribution characteristic D, setting Ir 100 ÷ 125 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20208	BC160NT305-160-D	3-pole, In 160 A, Icu 25 kA, distribution characteristic D, setting Ir 125 ÷ 160 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20243	BC160NT305-16-M	3-pole, In 16 A, Icu 25 kA, motor characteristic M, setting Ir 12.5 ÷ 16 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20244	BC160NT305-20-M	3-pole, In 20 A, Icu 25 kA, motor characteristic M, setting Ir 16 ÷ 20 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20245	BC160NT305-25-M	3-pole, In 25 A, Icu 25 kA, motor characteristic M, setting Ir 20 ÷ 25 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20246	BC160NT305-32-M	3-pole, In 32 A, Icu 25 kA, motor characteristic M, setting Ir 25 ÷ 32 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20247	BC160NT305-40-M	3-pole, In 40 A, Icu 25 kA, motor characteristic M, setting Ir 32 ÷ 40 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20248	BC160NT305-50-M	3-pole, In 50 A, Icu 25 kA, motor characteristic M, setting Ir 40 ÷ 50 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20249	BC160NT305-63-M	3-pole, In 63 A, Icu 25 kA, motor characteristic M, setting Ir 50 ÷ 63 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20250	BC160NT305-80-M	3-pole, In 80 A, Icu 25 kA, motor characteristic M, setting Ir 63 ÷ 80 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20242	BC160NT305-100-M	3-pole, In 100 A, Icu 25 kA, motor characteristic M, setting Ir 80 ÷ 100 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20641	BC160NT305-32-N	3-pole, In 32 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20642	BC160NT305-40-N	3-pole, In 40 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20643	BC160NT305-50-N	3-pole, In 50 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20644	BC160NT305-63-N	3-pole, In 63 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20645	BC160NT305-80-N	3-pole, In 80 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20646	BC160NT305-100-N	3-pole, In 100 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20647	BC160NT305-125-N	3-pole, In 125 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ²	1	1
20621	BC160NT305-160-N	3-pole, In 160 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ²	1	1



SWITCH-DISCONNECTOR 3-pole design

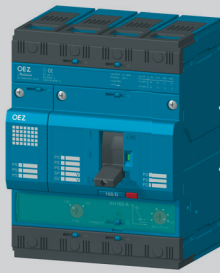
Code	Type	Description	Weight [kg]	Package [pcs]
20585	BC160NT305-160-V	3-pole, le 160 A, Cu/Al cables 2.5 ÷ 95 mm ²	1	1



CIRCUIT BREAKERS 3+N-pole design

Code	Type	Description	Weight [kg]	Package [pcs]
33612	BC160NT405-40-L	3+N-pole, In 40 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ² ¹⁾	1.3	1
33610	BC160NT405-50-L	3+N-pole, In 50 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ² ¹⁾	1.3	1
33608	BC160NT405-63-L	3+N-pole, In 63 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ² ¹⁾	1.3	1
33606	BC160NT405-80-L	3+N-pole, In 80 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ² ¹⁾	1.3	1
33604	BC160NT405-100-L	3+N-pole, In 100 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ² ¹⁾	1.3	1
33602	BC160NT405-125-L	3+N-pole, In 125 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ² ¹⁾	1.3	1
33600	BC160NT405-160-L	3+N-pole, In 160 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ² ¹⁾	1.3	1
33617	BC160NT405-16-D	3+N-pole, In 16 A, Icu 25 kA, distribution characteristic D, setting Ir 12.5 ÷ 16 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33616	BC160NT405-20-D	3+N-pole, In 20 A, Icu 25 kA, distribution characteristic D, setting Ir 16 ÷ 20 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33615	BC160NT405-25-D	3+N-pole, In 25 A, Icu 25 kA, distribution characteristic D, setting Ir 20 ÷ 25 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33614	BC160NT405-32-D	3+N-pole, In 32 A, Icu 25 kA, distribution characteristic D, setting Ir 25 ÷ 32 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33613	BC160NT405-40-D	3+N-pole, In 40 A, Icu 25 kA, distribution characteristic D, setting Ir 32 ÷ 40 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33611	BC160NT405-50-D	3+N-pole, In 50 A, Icu 25 kA, distribution characteristic D, setting Ir 40 ÷ 50 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33609	BC160NT405-63-D	3+N-pole, In 63 A, Icu 25 kA, distribution characteristic D, setting Ir 50 ÷ 63 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33607	BC160NT405-80-D	3+N-pole, In 80 A, Icu 25 kA, distribution characteristic D, setting Ir 63 ÷ 80 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33605	BC160NT405-100-D	3+N-pole, In 100 A, Icu 25 kA, distribution characteristic D, setting Ir 80 ÷ 100 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33603	BC160NT405-125-D	3+N-pole, In 125 A, Icu 25 kA, distribution characteristic D, setting Ir 100 ÷ 125 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33601	BC160NT405-160-D	3+N-pole, In 160 A, Icu 25 kA, distribution characteristic D, setting Ir 125 ÷ 160 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33625	BC160NT405-32-N	3+N-pole, In 32 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ² ¹⁾	1.3	1
33624	BC160NT405-40-N	3+N-pole, In 40 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ² ¹⁾	1.3	1
33623	BC160NT405-50-N	3+N-pole, In 50 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ² ¹⁾	1.3	1
33622	BC160NT405-63-N	3+N-pole, In 63 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ² ¹⁾	1.3	1
33621	BC160NT405-80-N	3+N-pole, In 80 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ² ¹⁾	1.3	1
33620	BC160NT405-100-N	3+N-pole, In 100 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ² ¹⁾	1.3	1
33619	BC160NT405-125-N	3+N-pole, In 125 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ² ¹⁾	1.3	1
33618	BC160NT405-160-N	3+N-pole, In 160 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ² ¹⁾	1.3	1

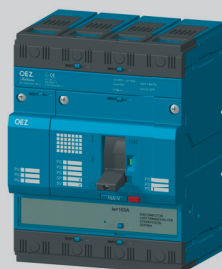
¹⁾ - custom production



CIRCUIT BREAKERS 4-pole design

Code	Type	Description	Weight [kg]	Package [pcs]
33639	BC160NT406-40-L	4-pole, In 40 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ² 1)	1.3	1
33637	BC160NT406-50-L	4-pole, In 50 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ² 1)	1.3	1
33635	BC160NT406-63-L	4-pole, In 63 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ² 1)	1.3	1
33633	BC160NT406-80-L	4-pole, In 80 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ² 1)	1.3	1
33631	BC160NT406-100-L	4-pole, In 100 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ² 1)	1.3	1
33629	BC160NT406-125-L	4-pole, In 125 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ² 1)	1.3	1
33627	BC160NT406-160-L	4-pole, In 160 A, Icu 25 kA, line characteristic L, without setting Ir, Cu/Al cables 2.5 ÷ 95 mm ² 1)	1.3	1
33644	BC160NT406-16-D	4-pole, In 16 A, Icu 25 kA, distribution characteristic D, setting Ir 12.5 ÷ 16 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33643	BC160NT406-20-D	4-pole, In 20 A, Icu 25 kA, distribution characteristic D, setting Ir 16 ÷ 20 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33642	BC160NT406-25-D	4-pole, In 25 A, Icu 25 kA, distribution characteristic D, setting Ir 20 ÷ 25 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33641	BC160NT406-32-D	4-pole, In 32 A, Icu 25 kA, distribution characteristic D, setting Ir 25 ÷ 32 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33640	BC160NT406-40-D	4-pole, In 40 A, Icu 25 kA, distribution characteristic D, setting Ir 32 ÷ 40 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33638	BC160NT406-50-D	4-pole, In 50 A, Icu 25 kA, distribution characteristic D, setting Ir 40 ÷ 50 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33636	BC160NT406-63-D	4-pole, In 63 A, Icu 25 kA, distribution characteristic D, setting Ir 50 ÷ 63 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33634	BC160NT406-80-D	4-pole, In 80 A, Icu 25 kA, distribution characteristic D, setting Ir 63 ÷ 80 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33632	BC160NT406-100-D	4-pole, In 100 A, Icu 25 kA, distribution characteristic D, setting Ir 80 ÷ 100 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33630	BC160NT406-125-D	4-pole, In 125 A, Icu 25 kA, distribution characteristic D, setting Ir 100 ÷ 125 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33628	BC160NT406-160-D	4-pole, In 160 A, Icu 25 kA, distribution characteristic D, setting Ir 125 ÷ 160 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1
33652	BC160NT406-32-N	4-pole, In 32 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ² 1)	1.3	1
33651	BC160NT406-40-N	4-pole, In 40 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ² 1)	1.3	1
33650	BC160NT406-50-N	4-pole, In 50 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ² 1)	1.3	1
33649	BC160NT406-63-N	4-pole, In 63 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ² 1)	1.3	1
33648	BC160NT406-80-N	4-pole, In 80 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ² 1)	1.3	1
33647	BC160NT406-100-N	4-pole, In 100 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ² 1)	1.3	1
33646	BC160NT406-125-N	4-pole, In 125 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ² 1)	1.3	1
33645	BC160NT406-160-N	4-pole, In 160 A, Icu 25 kA, characteristic N, only short-circuit release, Cu/Al cables 2.5 ÷ 95 mm ² 1)	1.3	1

1) - custom production



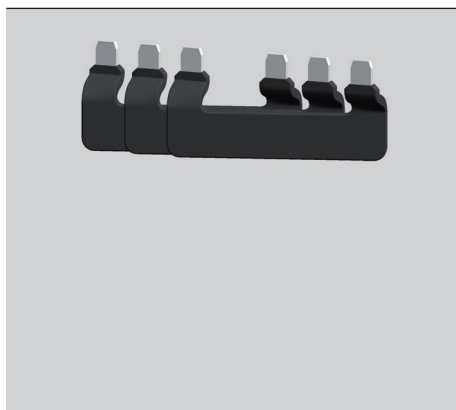
SWITCH-DISCONNECTOR 4-pole design

Code	Type	Description	Weight [kg]	Package [pcs]
33626	BC160NT405-160-V	4-pole, Ie 160 A, Cu/Al cables 2.5 ÷ 95 mm ²	1.3	1



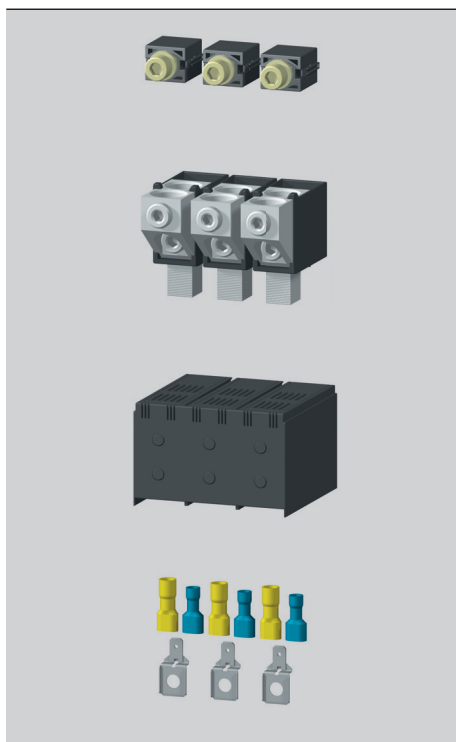
RESIDUAL CURRENT DEVICES

Code	Type	Description	Weight [kg]	Package [pcs]
37745	RCD-BC3-EF06	3-pole, In 63 A, I Δ n 0.3 A, with interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	1.44	1
37746	RCD-BC3-EF16	3-pole, In 160 A, I Δ n 0.3 A, with interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	1.65	1
37747	RCD-BC3-EA06	3-pole, In 63 A, I Δ n 0.03 ÷ 3 A, with interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	1.44	1
37748	RCD-BC3-EA16	3-pole, In 160 A, I Δ n 0.03 ÷ 3 A, with interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	1.65	1
37753	RCD-BC4-EF06	4-pole, In 63 A, I Δ n 0.3 A, with interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	1.76	1
37754	RCD-BC4-EF16	4-pole, In 160 A, I Δ n 0.3 A, with interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	2.03	1
37755	RCD-BC4-EA06	4-pole, In 63 A, I Δ n 0.03 ÷ 3 A, with interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	1.76	1
37756	RCD-BC4-EA16	4-pole, In 160 A, I Δ n 0.03 ÷ 3 A, with interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	2.03	1
37761	RCD-BC0-EF16	4-pole, In 160 A, I Δ n 0.3 A, without interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	1.28	1
37762	RCD-BC0-EA16	4-pole, In 160 A, I Δ n 0.03 ÷ 3 A, without interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	1.28	1
38375	RCD-BC0-EF06	4-pole, In 63 A, I Δ n 0.3 A, without interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	1.28	1
38376	RCD-BC0-EA06	4-pole, In 63 A, I Δ n 0.03 ÷ 3 A, without interconnecting busbars, Cu/Al cables 2.5 ÷ 95 mm ² , for BC160	1.28	1



CONNECTING SETS FOR RESIDUAL CURRENT DEVICE

Code	Type	Description	Weight [kg]	Package [pcs]
38379	CS-BC-S006	interconnecting busbars, In 63 A, 3 pcs, for RCD-BC	0.17	1
38380	CS-BC-S016	interconnecting busbars, In 160 A, 3 pcs, for RCD-BC	0.44	1
38383	CS-BC-S406	interconnecting busbars, In 63 A, 4 pcs, for RCD-BC	0.21	1
38384	CS-BC-S416	interconnecting busbars, In 160 A, 4 pcs, for RCD-BC	0.64	1



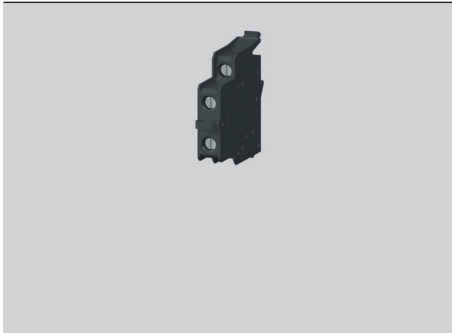
CONNECTING SETS

Code	Type	Description	Weight [kg]	Package [pcs]
20223	CS-BC-A011	front connection, Cu/Al busbars / cable lugs / flexibars, 3 pcs, for BC160	0.045	1
20237	CS-BC-B021	block terminals, Cu/Al cables, 2x (25 ÷ 120) mm ² , 3 pcs, for BC160	0.18	1
20236	CS-BC-A021	rear connection, Cu/Al busbars / cable lugs, 3 pcs, for BC160	0.175	1
20239	CS-BC-PS01	potential terminals, Cu conductors, 1.5 ÷ 2.5/4 ÷ 6 mm ² , 3 pcs, for BC160	0.01	1
20608	CS-BC-A033	replacement BA*33-50, front connection, Cu/Al busbars / cable lugs, 3 pcs, for BC160	0.104	1
33653	CS-BC-A411	front connection, Cu/Al busbars / cable lugs / flexibars, 1 pc, for BC160	0.015	1
33654	CS-BC-A421	rear connection, Cu/Al busbars / cable lugs, 1 pc, for BC160	0.08	1
33658	CS-BC-B421	block terminals, Cu/Al cables, 2x (25 ÷ 120) mm ² , 4 pcs, for BC160	0.25	1
34957	CS-BC-B014	block terminals, Cu/Al cables, 5x (2.5 ÷ 25) mm ² , 3 pcs, for BC160	0.18	1
34958	CS-BC-B414	block terminals, Cu/Al cables 5x (2.5 ÷ 25) mm ² , 4 pcs, for BC160	0.24	1
36030	CS-BC-PS41	potential terminals, Cu conductors, 1.5 ÷ 2.5/4 ÷ 6 mm ² , 1 pc, for BC160	0.005	1



MOUNTING SETS

Code	Type	Description	Weight [kg]	Package [pcs]
20625	OD-BC-MS33	replacement BA*33-50, front connection, for BC160	0.126	1
20238	OD-BC-DIN1	adapter for DIN rail, for BC160	0.05	1



SWITCHES

Code	Type	Description	Weight [kg]	Package [pcs]
20227	PS-BC-0010	1x CO, 60 ÷ 250 V a.c./d.c., for BC160	0.1	1
20228	PS-BC-0010-Au	1x CO, 5 ÷ 60 V a.c./d.c., for BC160	0.1	1
20225	NS-BC-0010	1x CO, 60 ÷ 250 V a.c./d.c., for BC160	0.1	1
20226	NS-BC-0010-Au	1x CO, 5 ÷ 60 V a.c./d.c., for BC160	0.1	1



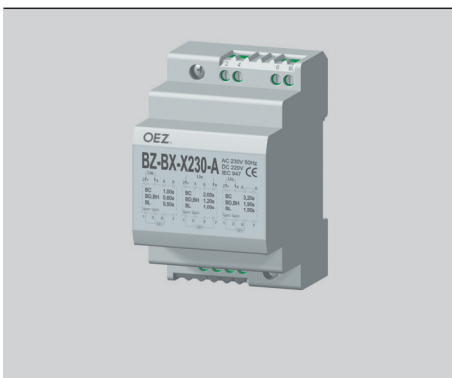
SHUNT TRIPS

Code	Type	Description	Weight [kg]	Package [pcs]
20233	SV-BC-X024	24, 48 V a.c./d.c., for BC160	0.05	1
20234	SV-BC-X110	110 V a.c./d.c., for BC160	0.05	1
20235	SV-BC-X230	230, 400 V a.c./220 V d.c., for BC160	0.05	1



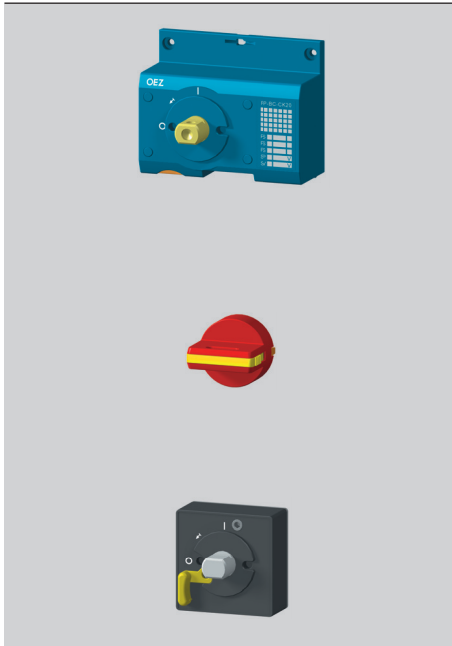
UNDERVOLTAGE RELEASES

Code	Type	Description	Weight [kg]	Package [pcs]
20229	SP-BC-X024	24, 48 V a.c./d.c., for BC160	0.05	1
20231	SP-BC-X110	110 V a.c./d.c., for BC160	0.05	1
20232	SP-BC-X230	230, 400 V a.c./220 V d.c., for BC160	0.05	1



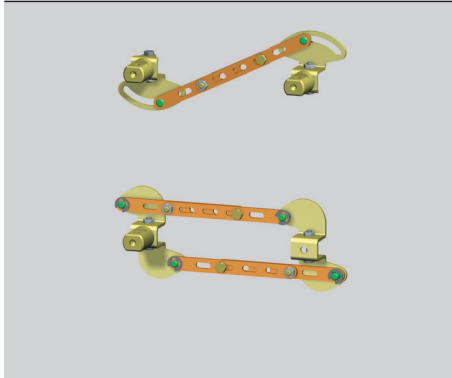
DELAY UNIT

Code	Type	Description	Weight [kg]	Package [pcs]
36696	BZ-BX-X230-A	for undervoltage releases, 230 V a.c./220 V d.c., for SP-BC-..., SP-BD-..., SP-BH-..., SP-BL-...	0.12	1



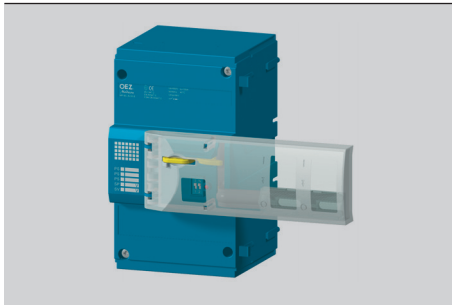
HAND DRIVES

Code	Type	Description	Weight [kg]	Package [pcs]
20560	RP-BC-CK10	hand drive unit, for BC160	0.079	1
20593	RP-BC-CK20	hand drive unit, with locking, for BC160	0.079	1
20594	RP-BC-CK21	hand drive unit, with locking, label - yellow, for BC160	0.079	1
20595	RP-BC-CK30	hand drive unit, side control right, for BC160	0.137	1
20596	RP-BC-CK31	hand drive unit, side control left, for BC160	0.137	1
20561	RP-BC-CP10	hand drive lever, black, for BC160	0.019	1
20562	RP-BC-CP20	hand drive lever, black, with locking, for BC160	0.019	1
20597	RP-BC-CP21	hand drive lever, red, with locking, for BC160	0.019	1
20564	RP-BC-CN10	hand drive bearing, IP40, label - black, for BC160	0.042	1
20565	RP-BC-CN20	hand drive bearing, IP66, label - black, for BC160	0.042	1
20598	RP-BC-CN11	hand drive bearing, IP40, label - yellow, for BC160	0.042	1
20599	RP-BC-CN21	hand drive bearing, IP66, label - yellow, for BC160	0.042	1
20563	RP-BC-CH10	extension shaft, for BC160	0.113	1
20600	RP-BC-CH20	extension shaft, telescopic design, for BC160	0.92	1



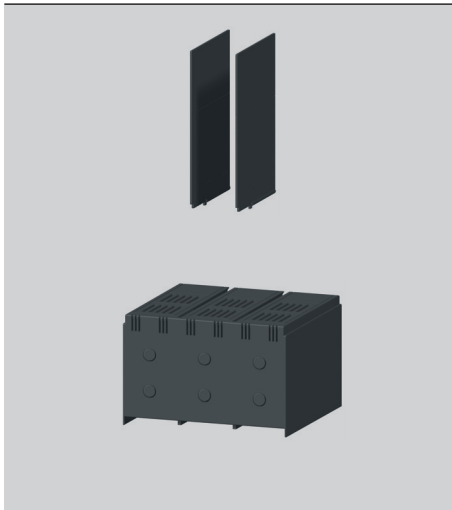
MECHANICAL INTERLOCKING AND PARALLEL SWITCHING

Code	Type	Description	Weight [kg]	Package [pcs]
20601	RP-BC-CB10	mechanical interlocking, for front hand drive, for BC160	0.089	1
20602	RP-BC-CD10	mechanical parallel switching, for front hand drive, for BC160	0.109	1



MOTOR DRIVES

Code	Type	Description	Weight [kg]	Package [pcs]
34450	MP-BC-X024-B	side control, 24 V a.c./d.c., for BC160	0.9	1
34451	MP-BC-X048-B	side control, 48 V a.c./d.c., for BC160	0.9	1
34452	MP-BC-X110-B	side control, 110 V a.c./d.c., for BC160	0.9	1
34453	MP-BC-X230-B	side control, 230 V a.c./220 V d.c., for BC160	0.9	1



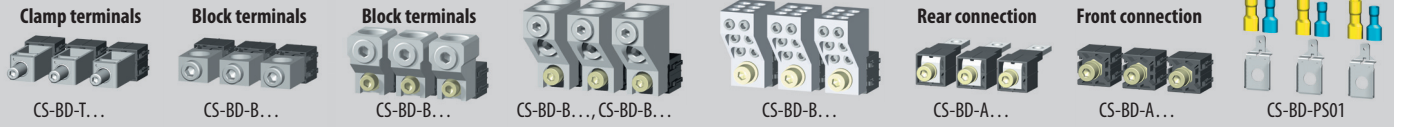
ACCESSORIES

Code	Type	Description	Weight [kg]	Package [pcs]
20224	OD-BC-KS02	insulating barriers, 2 pcs, for BC160	0.03	1
20240	OD-BC-KS03	terminal cover, IP20, 3-pole, for BC160	0.05	1
20241	OD-BC-UP01	lockable lever, for BC160	0.005	1
34454	OD-BC-KA02	connecting cable, 0.6 m for motor drive, for BC160	0.1	1
33660	OD-BC-KS42	insulating barrier, 1 pc, for BC160	0.015	1
33661	OD-BC-KS43	terminal cover, IP20, 4-pole, for BC160	0.07	1

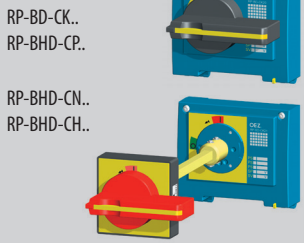
NOTES

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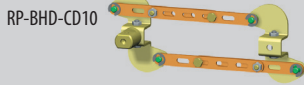
CONNECTING SETS



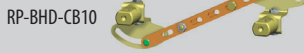
HAND DRIVES



Mechanical parallel switching



Mechanical interlocking



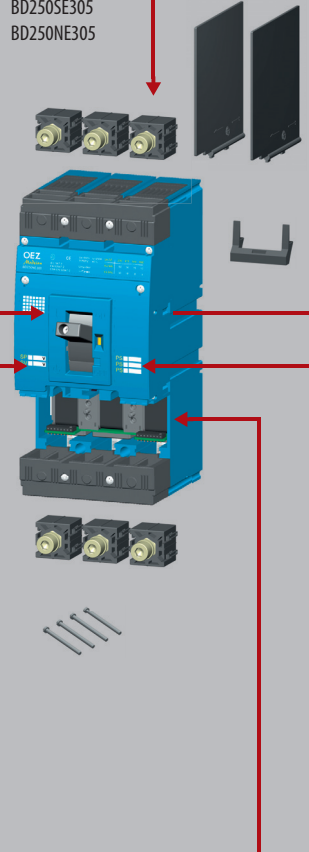
Mechanical blocking with bowden cable



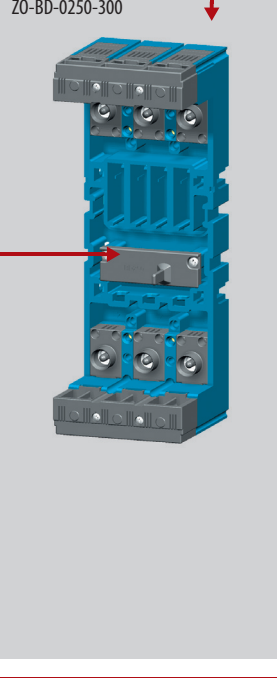
MOTOR DRIVES



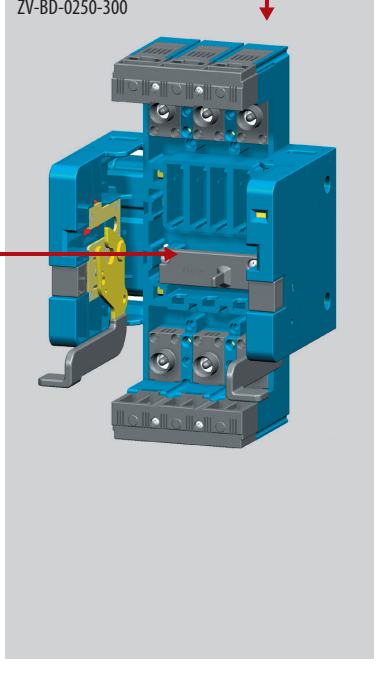
SWITCHING UNIT



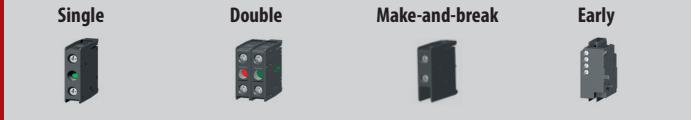
PLUG-IN DEVICE



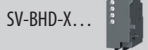
WITHDRAWABLE DEVICE



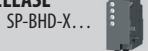
SWITCHES PS-BHD-...



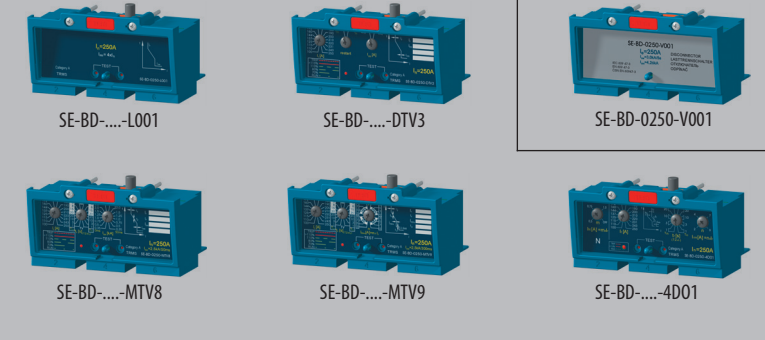
SHUNT TRIP



UNDERVOLTAGE RELEASE



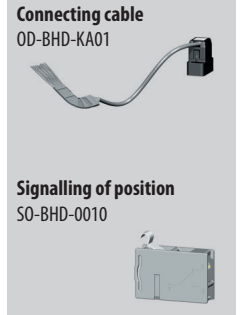
OVERCURRENT RELEASES



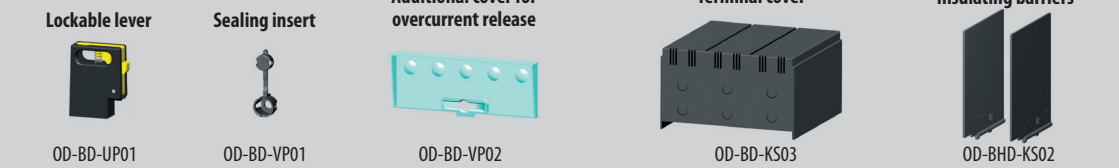
SWITCH-DISCONNECTOR UNIT

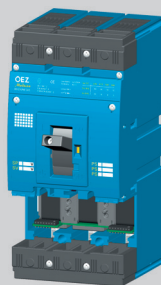


ACCESSORIES FOR ZO... AND ZV...



ACCESSORIES





SWITCHING UNITS 3-pole design

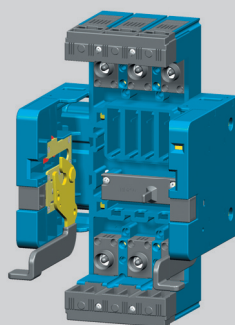
Code	Type	Description	Weight [kg]	Package [pcs]
14414	BD250NE305	3-pole, Iu 250 A, Icu 36 kA, for BD250	2.84	1
14415	BD250SE305	3-pole, Iu 250 A, Icu 65 kA, for BD250	2.84	1

SWITCHING UNITS 3+N-pole design

19571	BD250NE405	3+N-pole, Iu 250 A, Icu 36 kA, for BD250	3.7	1
19573	BD250SE405	3+N-pole, Iu 250 A, Icu 65 kA, for BD250	3.7	1

SWITCHING UNITS 4-pole design

19572	BD250NE406	4-pole, Iu 250 A, Icu 36 kA, for BD250	3.9	1
19574	BD250SE406	4-pole, Iu 250 A, Icu 65 kA, for BD250	3.9	1



PLUG-IN DEVICES

Code	Type	Description	Weight [kg]	Package [pcs]
14558	Z0-BD-0250-300	3-pole, for BD250	1.593	1
20651	Z0-BD-0250-400	3+N-pole, 4-pole, for BD250	2.1	1

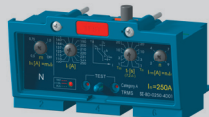
WITHDRAWABLE DEVICES

Code	Type	Description	Weight [kg]	Package [pcs]
14557	ZV-BD-0250-300	3-pole, for BD250	2.692	1
20652	ZV-BD-0250-400	3+N-pole, 4-pole, for BD250	3.2	1



OVERCURRENT RELEASES for 3-pole and 3+N-pole design

Code	Type	Description	Weight [kg]	Package [pcs]
20612	SE-BD-0160-L001	line characteristic L, In 160 A, without setting Ir, for BD250	0.317	1
20666	SE-BD-0200-L001	line characteristic L, In 200 A, without setting Ir, for BD250	0.317	1
20613	SE-BD-0250-L001	line characteristic L, In 250 A, without setting Ir, for BD250	0.317	1
24300	SE-BD-0100-DTV3	distribution characteristic D, In 100 A, setting Ir 40 ÷ 100 A, for BD250	0.317	1
24200	SE-BD-0160-DTV3	distribution characteristic D, In 160 A, setting Ir 63 ÷ 160 A, for BD250	0.317	1
24100	SE-BD-0250-DTV3	distribution characteristic D, In 250 A, setting Ir 100 ÷ 250 A, for BD250	0.317	1
24310	SE-BD-0100-MTV8	motor characteristic M, In 100 A, setting Ir 40 ÷ 100 A, for BD250	0.317	1
24210	SE-BD-0160-MTV8	motor characteristic M, In 160, setting Ir 63 ÷ 160 A, for BD250	0.317	1
24110	SE-BD-0250-MTV8	motor characteristic M, In 250 A, setting Ir 100 ÷ 250 A, for BD250	0.317	1
17304	SE-BD-0100-MTV9	motor characteristic M, time selectivity, In 100 A, setting Ir 40 ÷ 100 A, for BD250	0.317	1
19569	SE-BD-0160-MTV9	motor characteristic M, time selectivity, In 160 A, setting Ir 63 ÷ 160 A, for BD250	0.317	1
19570	SE-BD-0250-MTV9	motor characteristic M, time selectivity, In 250 A, setting Ir 100 ÷ 250 A, for BD250	0.317	1



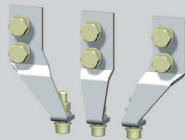
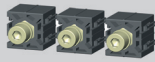
OVERCURRENT RELEASES for 4-pole design

Code	Type	Description	Weight [kg]	Package [pcs]
33423	SE-BD-0100-4D01	distribution characteristic D, In 100 A, setting Ir 40 ÷ 100 A, for BD250	0.327	1
33424	SE-BD-0160-4D01	distribution characteristic D, In 160 A, setting Ir 63 ÷ 160 A, for BD250	0.327	1
33425	SE-BD-0250-4D01	distribution characteristic D, In 250 A, setting Ir 100 ÷ 250 A, for BD250	0.327	1



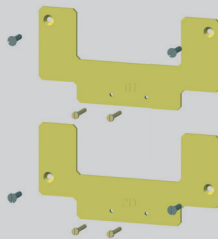
SWITCH-DISCONNECTOR UNIT

Code	Type	Description	Weight [kg]	Package [pcs]
24120	SE-BD-0250-V001	for BD250	0.267	1



CONNECTING SETS

Code	Type	Description	Weight [kg]	Package [pcs]
24810	CS-BD-T011	clamp terminals, Cu cables / flexibars 16 ÷ 150 mm ² , 3 pcs, for BD250	0.24	1
24751	CS-BD-B011	block terminals, Cu/Al cables 16 ÷ 150 mm ² , 3 pcs, for BD250	0.21	1
17534	CS-BD-B012	block terminals, Cu/Al cables 150 ÷ 240 mm ² , 3 pcs, for BD250	0.2	1
24752	CS-BD-B021	block terminals, Cu/Al cables 2x (16 ÷ 150) mm ² , 3 pcs, for BD250	0.51	1
13808	CS-BD-B022	block terminals, Cu/Al cables 2x (150 ÷ 240) mm ² , 3 pcs, for BD250	0.62	1
20119	CS-BD-B014	block terminals, Cu/Al cables 6x (6 ÷ 35) mm ² , 3 pcs, for BD250	0.3	1
24770	CS-BD-A021	rear connection, Cu/Al busbars / cable lugs, 3 pcs, for BD250	0.237	1
13682	CS-BD-PS01	potential terminals, Cu conductors 1.5 ÷ 2.5/ 4 ÷ 6 mm ² , 3 pcs, for BD250	0.017	1
24750	CS-BD-A011	front connection, Cu/Al busbars / cable lugs / flexibars, 3 pcs, for BD250	0.12	1
19578	CS-BD-T411	clamp terminals, Cu cables / flexibars 16 ÷ 150 mm ² , 1 pc, for BD250	0.08	1
19582	CS-BD-B411	block terminals, Cu/Al cables 16 ÷ 150 mm ² , 1 pc, for BD250	0.07	1
19577	CS-BD-B412	block terminals, Cu/Al cables 150 ÷ 240 mm ² , 1 pc, for BD250	0.07	1
19579	CS-BD-B421	block terminals, Cu/Al cables 2x (16 ÷ 150) mm ² , 1 pc, for BD250	0.17	1
19580	CS-BD-B422	block terminals, Cu/Al cables 2x (150 ÷ 240) mm ² , 1 pc, for BD250	0.21	1
21170	CS-BD-B414	block terminals, Cu/Al cables 6x (6 ÷ 35) mm ² , 1 pc, for BD250	0.1	1
19581	CS-BD-A421	rear connection, Cu/Al busbars / cable lugs, 1 pc, for BD250	0.08	1
24772	CS-BD-A037	replacement BA*37-50, front connection Cu/Al busbars / cable lugs, 3 pcs, for BD250	0.3	1
24771	CS-BD-A039	replacement BA*39-50/ J2UX, front connection Cu/Al busbars / cable lugs, 3 pcs, for BD250	0.447	1
18201	CS-BD-Z039	replacement BA*39/ J2UX, rear connection Cu/Al busbars / cable lugs, 3 pcs, for BD250	0.739	1
18023	CS-BD-JX75	replacement J2UX75/ BA...*39, front connection withdrawable design Cu/Al busbars / cable lugs, 3 pcs, for BD250	0.558	1
18024	CS-BD-JT75	replacement J2UX75T, front connection withdrawable design Cu/Al busbars / cable lugs, 3 pcs, for BD250	0.711	1
36031	CS-BD-PS41	potential terminals, Cu conductors 1.5 ÷ 2.5/ 4 ÷ 6 mm ² , 1 pc, for BD250	0.005	1



MOUNTING SETS

Code	Type	Description	Weight [kg]	Package [pcs]
18203	OD-BD-MZ39	replacement J2UX / BA...39, rear connection, for BD250	1.255	1
33330	OD-BD-MT75	replacement J2UX75T, front connection, withdrawable design, for BD250	0.5	1
24741	OD-BHD-MS39	replacement J2UX/BA...39, front connection, for BH630/BD250	0.7	1
14563	OD-BHD-MS75	replacement J2UX75/BA...*39-75, front connection, withdrawable design, for BH630/BD250	0.446	1



SWITCHES

Code	Type	Description	Weight [kg]	Package [pcs]
24700	PS-BHD-1000	1x NO, 60 ÷ 500 V a.c./ d.c., for BH630/BD250	0.012	1
24702	PS-BHD-1000-Au	1x NO, 5 ÷ 60 V a.c./d.c., for BH630/BD250	0.012	1
24701	PS-BHD-0100	1x NC, 60 ÷ 500 V a.c./ d.c., for BH630/BD250	0.013	1
24703	PS-BHD-0100-Au	1x NC, 5 ÷ 60 V a.c./d.c., for BH630/BD250	0.013	1
13690	PS-BHD-0200	2x NC, 60 ÷ 500 V a.c./ d.c., for BH630/BD250	0.026	1
13693	PS-BHD-0200-Au	2x NC, 5 ÷ 60 V a.c./d.c., for BH630/BD250	0.026	1
13691	PS-BHD-1100	1x NO + 1x NC, 60 ÷ 500 V a.c./ d.c., for BH630/BD250	0.025	1
13694	PS-BHD-1100-Au	1x NO + 1x NC, 5 ÷ 60 V a.c./d.c., for BH630/BD250	0.025	1
13689	PS-BHD-2000	2x NO, 60 ÷ 500 V a.c./ d.c., for BH630/BD250	0.024	1
13692	PS-BHD-2000-Au	2x NO, 5 ÷ 60 V a.c./d.c., for BH630/BD250	0.024	1
18021	PS-BHD-0010	1x CO, 60 ÷ 500 V a.c./ d.c., for BH630/BD250	0.013	1
18022	PS-BHD-0010-Au	1x CO, 5 ÷ 60 V a.c./d.c., for BH630/BD250	0.013	1
16169	SP-BHD-0002	2x NO / 2x NC / 1x NO + 1x NC early contact, for BH630/BD250	0.045	1
35893	PS-BHD-0020	2x CO, 60 ÷ 500 V a.c./d.c., for BH630/BD250	0.026	1
37467	PS-BHD-0020-Au	2x CO, 5 ÷ 60 V a.c./d.c., for BH630/BD250	0.026	1



SHUNT TRIPS

Code	Type	Description	Weight [kg]	Package [pcs]
24650	SV-BHD-X024	24, 40, 48 V a.c./d.c., for BH630/BD250	0.14	1
24630	SV-BHD-X110	110 V a.c./d.c., for BH630/BD250	0.14	1
24620	SV-BHD-X230	230, 400, 500 V a.c./220 V d.c., for BH630/BD250	0.14	1



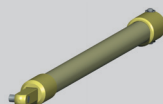
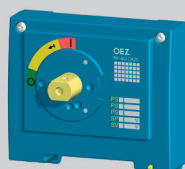
UNDERVOLTAGE RELEASES

Code	Type	Description	Weight [kg]	Package [pcs]
24450	SP-BHD-X024	24, 40, 48 V a.c./d.c., for BH630/BD250	0.11	1
24430	SP-BHD-X110	110 V a.c./d.c., for BH630/BD250	0.11	1
24420	SP-BHD-X230	230, 400, 500 V a.c./220 V d.c., for BH630/BD250	0.11	1
24550	SP-BHD-X024-0001	24, 40, 48 V a.c./d.c., early contact, for BH630/BD250	0.12	1
24530	SP-BHD-X110-0001	110 V a.c./d.c., early contact, for BH630/BD250	0.12	1
24520	SP-BHD-X230-0001	230, 400, 500 V a.c./220 V d.c., early contact, for BH630/BD250	0.12	1



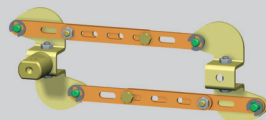
DELAY UNIT

Code	Type	Description	Weight [kg]	Package [pcs]
36696	BZ-BX-X230-A	for undervoltage releases, 230 V a.c./220 V d.c., for SP-BC-..., SP-BD-..., SP-BH-..., SP-BL-...	0.12	1



HAND DRIVES

Code	Type	Description	Weight [kg]	Package [pcs]
13651	RP-BD-CK10	hand drive unit, for BD250	0.223	1
13652	RP-BD-CK20	hand drive unit, with locking, for BD250	0.223	1
13684	RP-BD-CK21	hand drive unit, with locking, label - yellow, for BD250	0.223	1
37250	RP-BD-CK30	hand drive unit, side control right, for BD205	0.484	1
37251	RP-BD-CK31	hand drive unit, side control left, for BD205	0.484	1
13655	RP-BHD-CP10	hand drive lever, black, for BH630/BD250	0.075	1
13656	RP-BHD-CP20	hand drive lever, black, with locking, for BH630/BD250	0.075	1
13657	RP-BHD-CP21	hand drive lever, red, with locking, for BH630/BD250	0.075	1
37246	RP-BHD-CN40	hand drive bearing, IP40, label - black, for BH630/BD250	0.2	1
37247	RP-BHD-CN41	hand drive bearing, IP40, label - yellow, for BH630/BD250	0.2	1
37248	RP-BHD-CN60	hand drive bearing, IP66, label - black, for BH630/BD250	0.2	1
37249	RP-BHD-CN61	hand drive bearing, IP66, label - yellow, for BH630/BD250	0.2	1
13658	RP-BHD-CH10	extension shaft, for BH630/BD250	0.205	1
13659	RP-BHD-CH20	extension shaft, telescopic design, for BH630/BD250	0.255	1



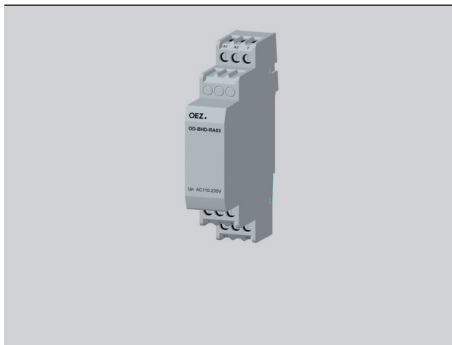
MECHANICAL INTERLOCKING AND PARALLEL SWITCHING

Code	Type	Description	Weight [kg]	Package [pcs]
18290	RP-BHD-CB10	mechanical interlocking, for hand drive, for BH630/BD250	0.16	1
18289	RP-BHD-CD10	mechanical parallel switching, for hand drive, for BH630/BD250	0.23	1
19612	MB-BD-PV05	mechanical interlocking, Bowden cable, for two circuit breakers BD250	0.448	1
19613	MB-BHD-PV03	mechanical interlocking, Bowden cable, for one circuit breaker BD250 and for one circuit breaker BH630	0.448	1



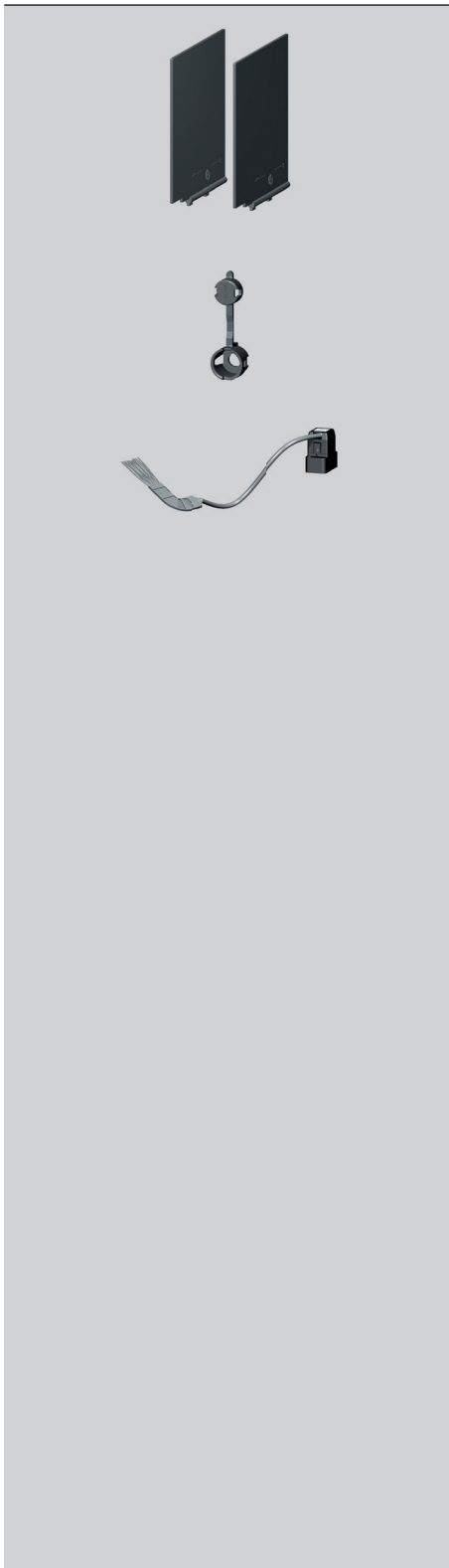
MOTOR DRIVES

Code	Type	Description	Weight [kg]	Package [pcs]
21216	MP-BD-X024	24 V a.c./d.c., for BD250	1.529	1
19790	MP-BD-X048	48 V a.c./d.c., for BD250	1.529	1
13537	MP-BD-X110	110 V a.c./d.c., for BD250	1.529	1
13535	MP-BD-X230	230 V a.c./220 V d.c., for BD250	1.529	1
20592	MP-BD-X024-P	24 V a.c./d.c., counter of cycles, for BD250	1.529	1
19791	MP-BD-X048-P	48 V a.c./d.c., counter of cycles, for BD250	1.529	1
13686	MP-BD-X110-P	110 V a.c./d.c., counter of cycles, for BD250	1.529	1
13538	MP-BD-X230-P	230 V a.c./220 V d.c., counter of cycles, for BD250	1.529	1



CONTROL RELAY

Code	Type	Description	Weight [kg]	Package [pcs]
37427	OD-BHD-RA03	110 ÷ 230 V a.c., for BH630/BD250	0.11	1
37428	OD-BHD-RX01	24 V a.c./d.c., for BH630/BD250	0.11	1
37429	OD-BHD-RX02	48 V a.c./d.c., for BH630/BD250	0.11	1
37430	OD-BHD-RD04	110 V d.c., for BH630/BD250	0.12	1



ACCESSORIES

Code	Type	Description	Weight [kg]	Package [pcs]
13534	OD-BD-KS03	terminal cover, IP20, for BD250, 3-pole	0.098	1
19576	OD-BD-KS43	terminal cover IP20, for BD250, 4-pole	0.141	1
13533	OD-BD-UP01	lockable lever, for BD250	0.009	1
15328	OD-BD-VP01	bolt sealing insert, for BD250	0.001	1
18215	OD-BD-VP02	additional cover for overcurrent release, sealing option, for BD250	0.08	1
14559	OD-BD-KK01	keying set, for plug-in design / withdrawable design, for BD250	0.002	1
13688	OD-BHD-PP01	counter of cycles, for motor drive, for BH630/BD250	0.08	1
13809	OD-BHD-KA02	extension cable, for motor drive, for BH630/BD250	0.1	1
24740	OD-BHD-KS02	insulating barriers, 2 pcs, for BH630/BD250	0.077	1
19575	OD-BHD-KS42	insulating barriers, 1 pc, for BH630/BD250	0.039	1
14555	OD-BHD-KA01	connecting cable, for circuit breaker in plug-in design / in withdrawable design, for BH630/BD250	0.12	1
14642	OD-BHD-KT01	cover of switch on button, for motor drive, for BH630/BD250	0.002	1
14560	SO-BHD-0010	signalling of position, for circuit breaker in plug-in design/ in withdrawable design, for BH630/BD250	0.018	1

NOTES

A large grid of small dots for taking notes, covering the majority of the page below the 'NOTES' header.

CONNECTING SETS

Clamp terminals



CS-BH-T...

Block terminals



CS-BH-B..., CS-BH-B...

Block terminals



CS-BH-B..., CS-BH-B...

Block terminals



CS-BH-B...

Rear connection



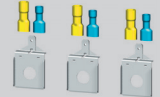
CS-BH-A...

Front connection



CS-BH-A...

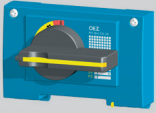
Potential terminals



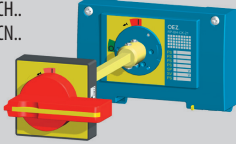
CS-BH-PS01

HAND DRIVES

RP-BH-CK...
RP-BHD-CP...



RP-BHD-CH...
RP-BHD-CN...



Mechanical parallel switching

RP-BHD-CD10



Mechanical interlocking

RP-BHD-CB10



Mechanical blocking with bowden cable

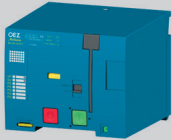
MB-BH-PV04
MB-BHD-PV03



MOTOR DRIVES

MP-BH-X...

OD-BHD-KA02

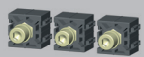
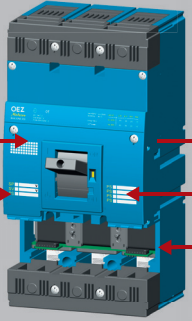
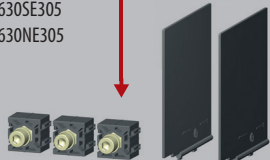


OD-BHD-PP01



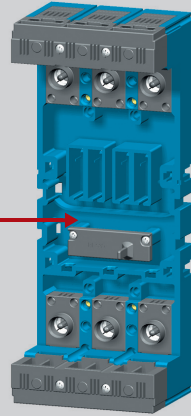
SWITCHING UNIT

BH630SE305
BH630NE305



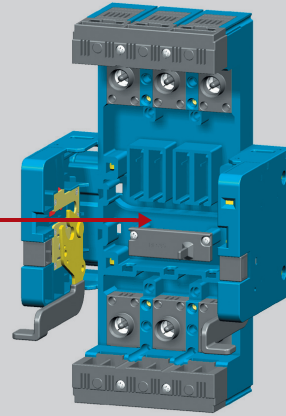
PLUG-IN DEVICE

ZO-BH-0630-300



WITHDRAWABLE DEVICE

ZV-BH-0630-300



SWITCHES PS-BHD-...

Single



Double



Make-and-break



Early



SHUNT TRIP

SV-BHD-X...



UNDERVOLTAGE RELEASE

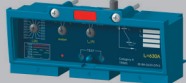
SP-BHD-X...



OVERCURRENT RELEASES



SE-BH-...-L001



SE-BH-...-DTV3



SE-BH-...-MTV8



SE-BH-...-MTV9

SWITCH-DISCONNECTOR UNIT



SE-BH-0630-V001



SE-BH-0630-4D01

ACCESSORIES FOR ZO... AND ZV...

Connecting cable

OD-BHD-KA01



Signalling of position

SO-BHD-0010



ACCESSORIES

Lockable lever



OD-BH-UP01

Sealing insert



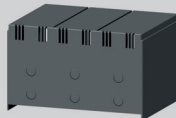
OD-BH-VP01

Additional cover for overcurrent release



OD-BH-VP02

Terminal cover



OD-BH-KS03

Insulating barriers

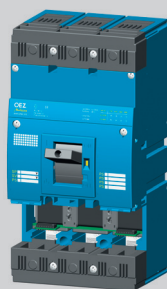


OD-BHD-KS02

Keying set

OD-BH-KK01





SWITCHING UNITS 3-pole design

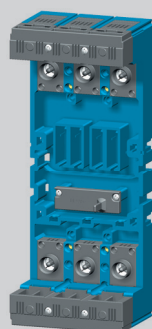
Code	Type	Description	Weight [kg]	Package [pcs]
14412	BH630NE305	3-pole, Iu 630 A, Icu 36 kA, for BH630	5.3	1
14413	BH630SE305	3-pole, Iu 630 A, Icu 65 kA, for BH630	5.3	1

SWITCHING UNITS 3+N-pole design

19583	BH630NE405	3+N-pole, Iu 630 A, Icu 36 kA, for BH630	6.65	1
19585	BH630SE405	3+N-pole, Iu 630 A, Icu 65 kA, for BH630	6.65	1

SWITCHING UNITS 4-pole design

19584	BH630NE406	4-pole, Iu 630 A, Icu 36 kA, for BH630	7	1
19586	BH630SE406	4-pole, Iu 630 A, Icu 65 kA, for BH630	7	1



PLUG-IN DEVICES

Code	Type	Description	Weight [kg]	Package [pcs]
14556	ZO-BH-0630-300	3-pole, for BH630	2.61	1
20649	ZO-BH-0630-400	3+N pole, 4-pole, for BH630	3.4	1

WITHDRAWABLE DEVICES

Code	Type	Description	Weight [kg]	Package [pcs]
14553	ZV-BH-0630-300	3-pole, for BH630	3.664	1
20650	ZV-BH-0630-400	3+N pole, 4-pole, for BH630	4.5	1



OVERCURRENT RELEASES for 3-pole and 3+N-pole design

Code	Type	Description	Weight [kg]	Package [pcs]
20614	SE-BH-0250-L001	line characteristic L, In 250 A, without setting I _r , for BH630	0.345	1
20615	SE-BH-0315-L001	line characteristic L, In 315 A, without setting I _r , for BH630	0.345	1
20616	SE-BH-0400-L001	line characteristic L, In 400 A, without setting I _r , for BH630	0.345	1
20617	SE-BH-0500-L001	line characteristic L, In 500 A, without setting I _r , for BH630	0.345	1
20618	SE-BH-0630-L001	line characteristic L, In 630 A, without setting I _r , for BH630	0.345	1
25300	SE-BH-0250-DTV3	distribution characteristic D, In 250 A, setting I _r 100 ÷ 250 A, for BH630	0.345	1
25200	SE-BH-0400-DTV3	distribution characteristic D, In 400 A, setting I _r 160 ÷ 400 A, for BH630	0.345	1
25100	SE-BH-0630-DTV3	distribution characteristic D, In 630 A, setting I _r 250 ÷ 630 A, for BH630	0.345	1
25310	SE-BH-0250-MTV8	motor characteristic M, In 250 A, setting I _r 100 ÷ 250 A, for BH630	0.345	1
25210	SE-BH-0400-MTV8	motor characteristic M, In 400 A, setting I _r 160 ÷ 400 A, for BH630	0.345	1
25110	SE-BH-0630-MTV8	motor characteristic M, In 630 A, setting I _r 250 ÷ 630 A, for BH630	0.345	1
19566	SE-BH-0250-MTV9	motor characteristic M, time selectivity, In 250 A, setting I _r 100 ÷ 250 A, for BH630	0.345	1
19567	SE-BH-0400-MTV9	motor characteristic M, time selectivity, In 400 A, setting I _r 160 ÷ 400 A, for BH630	0.345	1
19568	SE-BH-0630-MTV9	motor characteristic M, time selectivity, In 630 A, setting I _r 250 ÷ 630 A, for BH630	0.345	1



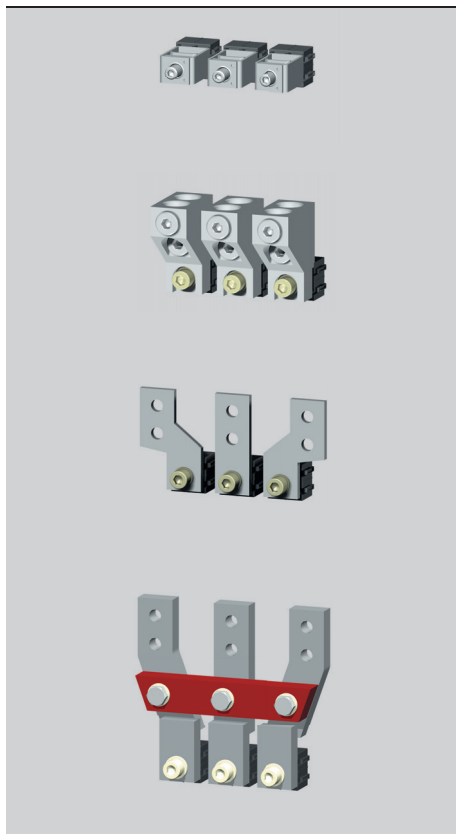
OVERCURRENT RELEASES for 4-pole design

Code	Type	Description	Weight [kg]	Package [pcs]
33426	SE-BH-0250-4D01	distribution characteristic D, In 250 A, setting I _r 100 ÷ 250 A, for BH630	0.355	1
33427	SE-BH-0400-4D01	distribution characteristic D, In 400 A, setting I _r 160 ÷ 400 A, for BH630	0.355	1
33428	SE-BH-0630-4D01	distribution characteristic D, In 630 A, setting I _r 250 ÷ 630 A, for BH630	0.355	1



SWITCH-DISCONNECTOR UNIT

Code	Type	Description	Weight [kg]	Package [pcs]
25120	SE-BH-0630-V001	for BH630	0.295	1



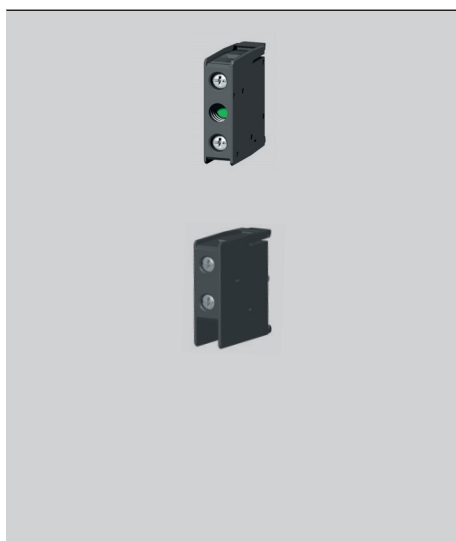
CONNECTING SETS

Code	Type	Description	Weight [kg]	Package [pcs]
24820	CS-BH-T011	clamp terminals, Cu cables / flexibars 35 ÷ 240 mm ² , 3 pcs, for BH630	0.433	1
24761	CS-BH-B011	block terminals, Cu/Al cables 150 ÷ 240 mm ² , 3 pcs, for BH630	0.279	1
24762	CS-BH-B012	block terminals, Cu/Al cables 25 ÷ 150 mm ² , 3 pcs, for BH630	0.302	1
24781	CS-BH-B021	block terminals, Cu/Al cables 2x (150 ÷ 240) mm ² , 3 pcs, for BH630	0.721	1
15816	CS-BH-B022	block terminals, Cu/Al cables 2x (25 ÷ 150) mm ² , 3 pcs, for BH630	0.75	1
24780	CS-BH-A021	rear connection, Cu/Al busbars / cable lugs, 3 pcs, for BH630	0.567	1
20121	CS-BH-B014	block terminals, Cu/Al cables 6x (6 ÷ 35) mm ² , 3 pcs, for BH630	0.3	1
36604	CS-BH-B031	block terminals, Cu/Al cables 3x (150 ÷ 240) mm ² , 3 pcs, for BH630	0.9	1
24760	CS-BH-A011	front connection, Cu/Al busbars / cable lugs / flexibars, 3 pcs, for BH630	0.186	1
13683	CS-BH-PS01	potential terminals, Cu conductors 1.5 ÷ 2.5/4 ÷ 6 mm ² , 3 pcs, for BH630	0.021	1
36032	CS-BH-PS41	potential terminals, Cu conductors 1.5 ÷ 2.5/4 ÷ 6 mm ² , 1 pc, for BH630	0.005	1
19589	CS-BH-T411	clamp terminals, Cu cables / flexibars 35 ÷ 240 mm ² , 1 pc, for BH630	0.148	1
19593	CS-BH-B411	block terminals, Cu/Al cables 150 ÷ 240 mm ² , 1 pc, for BH630	0.093	1
19588	CS-BH-B412	block terminals, Cu/Al cables 25 ÷ 150 mm ² , 1 pc, for BH630	0.101	1
19590	CS-BH-B421	block terminals, Cu/Al cables 2x (150 ÷ 240) mm ² , 1 pc, for BH630	0.24	1
19591	CS-BH-B422	block terminals, Cu/Al cables 2x (25 ÷ 150) mm ² , 1 pc, for BH630	0.25	1
21169	CS-BH-B414	block terminals, Cu/Al cables 6x (6 ÷ 35) mm ² , 1 pc, for BH630	0.1	1
36605	CS-BH-B431	block terminals, Cu/Al cables 3x (150 ÷ 240) mm ² , 1 pc, for BH630	0.3	1
19592	CS-BH-A421	rear connection, Cu/Al busbars / cable lugs, 1 pc, for BH630	0.189	1
24783	CS-BH-A037	replacement BA*37-50, front connection, Cu/Al busbars / cable lugs, 3 pcs, for BH630	0.47	1
24782	CS-BH-A039	replacement BA*39-50/ J2UX, front connection, Cu/Al busbars / cable lugs, 3 pcs, for BH630	0.628	1
18202	CS-BH-Z039	replacement BA*39/ J2UX, rear connection, Cu/Al busbars / cable lugs, 3 pcs, for BH630	0.954	1
14562	CS-BH-JX75	replacement J2UX75/ BA...*39, front connection withdrawable design, Cu/Al busbars / cable lugs, 3 pcs, for BH630	1.924	1
14561	CS-BH-JT75	replacement J2UX75T, front connection withdrawable design, Cu/Al busbars / cable lugs, 3 pcs, for BH630	2.64	1



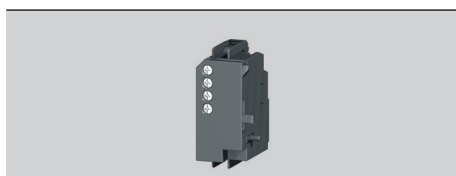
MOUNTING SETS

Code	Type	Description	Weight [kg]	Package [pcs]
18204	OD-BH-MZ39	replacement J2UX/ BA...39, rear connection, for BH630	1.195	1
33331	OD-BH-MT75	replacement J2UX75T, front connection, withdrawable design, for BH630	0.5	1
24741	OD-BHD-MS39	replacement J2UX / BA...39, front connection, for BH630 / BD250	0.7	1
14563	OD-BHD-MS75	replacement J2UX75 / BA...*39-75, front connection, withdrawable design, for BH630 / BD250	0.446	1



SWITCHES

Code	Type	Description	Weight [kg]	Package [pcs]
24700	PS-BHD-1000	1x NO, 60 ÷ 500 V a.c./ d.c., for BH630/ BD250	0.012	1
24702	PS-BHD-1000-Au	1x NO, 5 ÷ 60 V a.c./d.c., for BH630/ BD250	0.012	1
24701	PS-BHD-0100	1x NC, 60 ÷ 500 V a.c./ d.c., for BH630/ BD250	0.013	1
24703	PS-BHD-0100-Au	1x NC, 5 ÷ 60 V a.c./d.c., for BH630/ BD250	0.013	1
13690	PS-BHD-0200	2x NC, 60 ÷ 500 V a.c./ d.c., for BH630/ BD250	0.026	1
13693	PS-BHD-0200-Au	2x NC, 5 ÷ 60 V a.c./d.c., for BH630/ BD250	0.026	1
13691	PS-BHD-1100	1x NO + 1x NC, 60 ÷ 500 V a.c./ d.c., for BH630/ BD250	0.025	1
13694	PS-BHD-1100-Au	1x NO + 1x NC, 5 ÷ 60 V a.c./d.c., for BH630/ BD250	0.025	1
13689	PS-BHD-2000	2x NO, 60 ÷ 500 V a.c./ d.c., for BH630/ BD250	0.024	1
13692	PS-BHD-2000-Au	2x NO, 5 ÷ 60 V a.c./d.c., for BH630/ BD250	0.024	1
18021	PS-BHD-0010	1x CO, 60 ÷ 500 V a.c./ d.c., for BH630/ BD250	0.013	1
18022	PS-BHD-0010-Au	1x CO, 5 ÷ 60 V a.c./d.c., for BH630/ BD250	0.013	1
16169	SP-BHD-0002	2x NO / 2x NC / 1x NO + 1x NC early contact, for BH630 / BD250	0.045	1
35893	PS-BHD-0020	2x CO, 60 ÷ 500 V a.c./d.c., for BH630/BD250	0.026	1
37467	PS-BHD-0020-Au	2x CO, 5 ÷ 60 V a.c./d.c., for BH630/BD250	0.026	1



SHUNT TRIPS

Code	Type	Description	Weight [kg]	Package [pcs]
24650	SV-BHD-X024	24, 40, 48 V a.c./d.c., for BH630 / BD250	0.14	1
24630	SV-BHD-X110	110 V a.c./d.c., for BH630 / BD250	0.14	1
24620	SV-BHD-X230	230, 400, 500 V a.c./220 V d.c., for BH630 / BD250	0.14	1



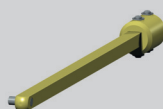
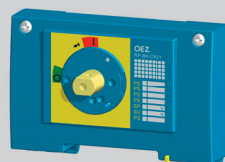
UNDERVOLTAGE RELEASES

Code	Type	Description	Weight [kg]	Package [pcs]
24450	SP-BHD-X024	24, 40, 48 V a.c./d.c., for BH630 / BD250	0.11	1
24430	SP-BHD-X110	110 V a.c./d.c., for BH630 / BD250	0.11	1
24420	SP-BHD-X230	230, 400, 500 V a.c./220 V d.c., for BH630 / BD250	0.11	1
24550	SP-BHD-X024-0001	24, 40, 48 V a.c./d.c., early contact, for BH630 / BD250	0.12	1
24530	SP-BHD-X110-0001	110 V a.c./d.c., early contact, for BH630 / BD250	0.12	1
24520	SP-BHD-X230-0001	230, 400, 500 V a.c./220 V d.c., early contact, for BH630 / BD250	0.12	1



DELAY UNIT

Code	Type	Description	Weight [kg]	Package [pcs]
36696	BZ-BX-X230-A	for undervoltage releases, 230 V a.c./220 V d.c., for SP-BC-..., SP-BD-..., SP-BH-..., SP-BL-...	0.12	1



HAND DRIVES

Code	Type	Description	Weight [kg]	Package [pcs]
13653	RP-BH-CK10	hand drive unit, for BH630	0.223	1
13654	RP-BH-CK20	hand drive unit, with locking, for BH630	0.223	1
13685	RP-BH-CK21	hand drive unit, with locking, label - yellow, for BH630	0.223	1
37252	RP-BH-CK30	hand drive unit, side control right, for BH630	0.512	1
37253	RP-BH-CK31	hand drive unit, side control left, for BH630	0.512	1
13655	RP-BHD-CP10	hand drive lever, black, for BH630 / BD250	0.075	1
13656	RP-BHD-CP20	hand drive lever, black, lockable, for BH630 / BD250	0.075	1
13657	RP-BHD-CP21	hand drive lever, red, lockable, for BH630 / BD250	0.075	1
37246	RP-BHD-CN40	hand drive bearing, IP40, label - black, for BH630 / BD250	0.14	1
37247	RP-BHD-CN41	hand drive bearing, IP 40, label - yellow, for BH630 / BD250	0.14	1
37248	RP-BHD-CN60	hand drive bearing, IP 66, label - black, for BH630 / BD250	0.14	1
37249	RP-BHD-CN61	hand drive bearing, IP 66, label - yellow, for BH630 / BD250	0.14	1
13658	RP-BHD-CH10	extension shaft, for BH630 / BD250	0.205	1
13659	RP-BHD-CH20	extension shaft, telescopic, for BH630 / BD250	0.255	1



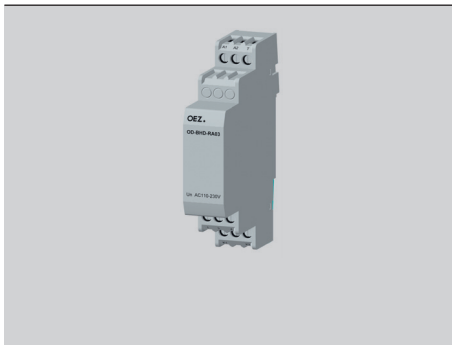
MECHANICAL INTERLOCKING AND PARALLEL SWITCHING

Code	Type	Description	Weight [kg]	Package [pcs]
18290	RP-BHD-CB10	mechanical interlocking, for hand drive, for BH630 / BD250	0.16	1
18289	RP-BHD-CD10	mechanical parallel switching, for hand drive, for BH630 / BD250	0.23	1
19611	MB-BH-PV04	mechanical interlocking, with Bowden cable, for two circuit breakers BH630	0.448	1
19613	MB-BHD-PV03	mechanical interlocking, with Bowden cable, for one circuit breaker BD250 and for one circuit breaker BH630	0.448	1



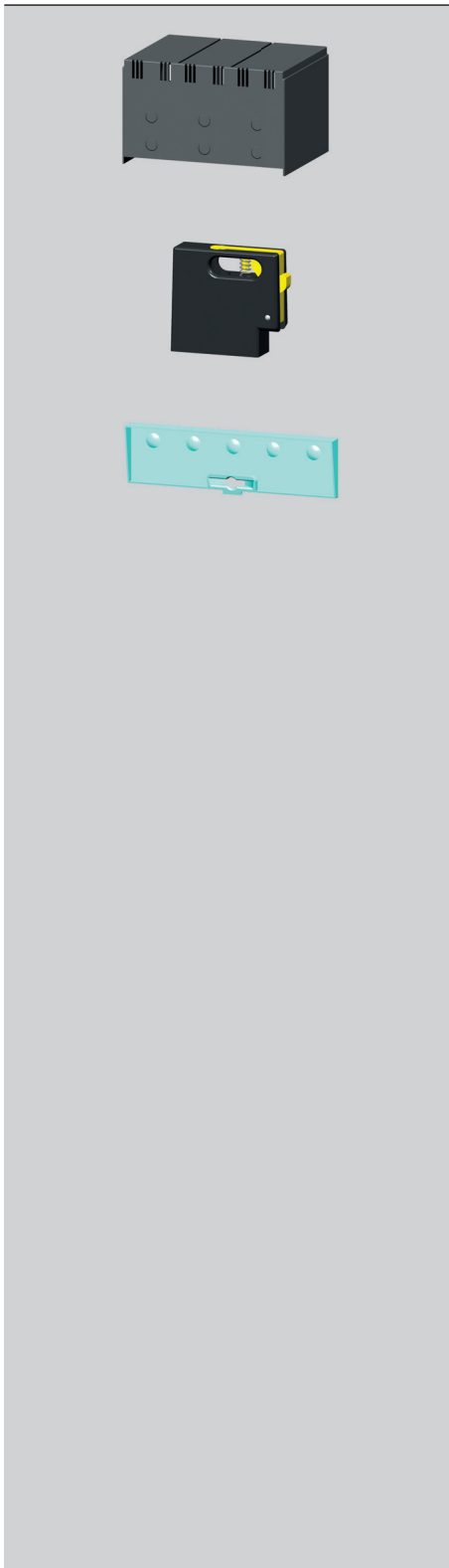
MOTOR DRIVES

Code	Type	Description	Weight [kg]	Package [pcs]
20590	MP-BH-X024	24 V a.c./d.c., for BH630	1.691	1
19792	MP-BH-X048	48 V a.c./d.c., for BH630	1.691	1
13539	MP-BH-X110	110 V a.c./d.c., for BH630	1.691	1
13536	MP-BH-X230	230 V a.c./220 V d.c., for BH630	1.691	1
20591	MP-BH-X024-P	24 V a.c./d.c., counter of cycles, for BH630	1.708	1
19793	MP-BH-X048-P	48 V a.c./d.c., counter of cycles, for BH630	1.708	1
13687	MP-BH-X110-P	110 V a.c./d.c., counter of cycles, for BH630	1.708	1
13540	MP-BH-X230-P	230 V a.c./220 V d.c., counter of cycles, for BH630	1.708	1



CONTROL RELAY

Code	Type	Description	Weight [kg]	Package [pcs]
37427	OD-BHD-RA03	110 ÷ 230 V a.c., for BH630/BD250	0.11	1
37428	OD-BHD-RX01	24 V a.c./d.c., for BH630/BD250	0.11	1
37429	OD-BHD-RX02	48 V a.c./d.c., for BH630/BD250	0.11	1
37430	OD-BHD-RD04	110 V d.c., for BH630/BD250	0.12	1



ACCESSORIES

Code	Type	Description	Weight [kg]	Package [pcs]
13531	OD-BH-KS03	terminal cover, IP20, for BH630, 3-pole	0.144	1
19587	OD-BH-KS43	terminal cover, IP20, for BH630, 4-pole	0.209	1
13532	OD-BH-UP01	lockable lever, for BH630	0.013	1
15330	OD-BH-VP01	bolt sealing insert, for BH630	0.001	1
18216	OD-BH-VP02	additional cover for overcurrent release, sealable, for BH630	0.1	1
14554	OD-BH-KK01	keying set, for plug-in design / withdrawable design, for BH630	0.005	1
13688	OD-BHD-PP01	counter of cycles, for motor drive, for BH630 / BD250	0.08	1
13809	OD-BHD-KA02	extension cable, for motor drive, for BH630 / BD250	0.1	1
24740	OD-BHD-KS02	insulating barriers, 2 pcs, for BH630 / BD250	0.077	1
19575	OD-BHD-KS42	insulating barriers, 1 pc, for BH630 / BD250	0.039	1
14555	OD-BHD-KA01	connecting cable, for circuit breaker in plug-in design / in withdrawable design, for BH630 / BD250	0.12	1
14642	OD-BHD-KT01	cover of switch on button, for motor drive, for BH630 / BD250	0.002	1
14560	SO-BHD-0010	signalling of position, for circuit breaker in plug-in design/ in withdrawable design, for BH630 / BD250	0.018	1

NOTES

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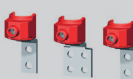
CONNECTING SETS

Clamp terminals



CS-BL-W010

Clamp terminals



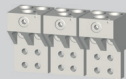
CS-BL-W011

Block terminals



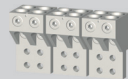
CS-BL-B002

Block terminals



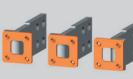
CS-BL-B003

Block terminals



CS-BL-B004

Rear connection



CS-BL-A022

Front connection



CS-BL-A010

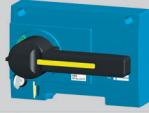
Rear connection



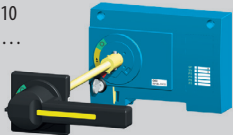
CS-BL-A020

HAND DRIVES

RP-BL-CK10
RP-BL-CP...



RP-BL-CH10
RP-BL-CN...



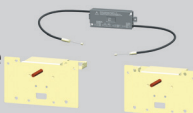
Mechanical interlocking

RL-BL-CB10



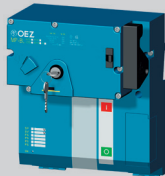
Mechanical blocking with bowden cable

MB-BL-....



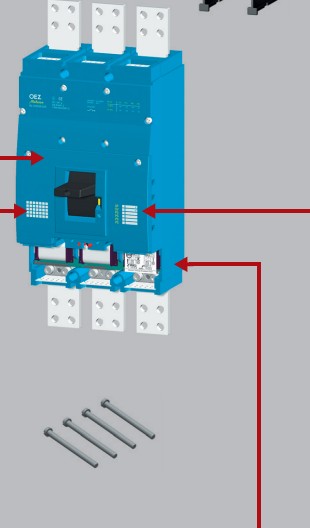
MOTOR DRIVES

MP-BL-X...



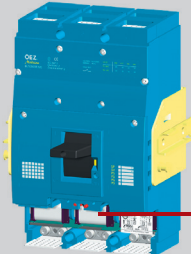
SWITCHING UNIT

BL1000SE305



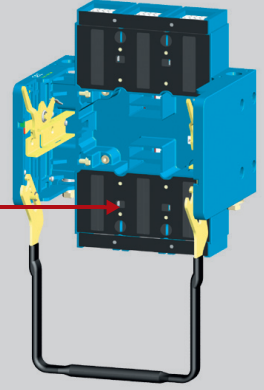
SWITCHING UNIT - WITHDRAWABLE DESIGN

BL1000SE320



WITHDRAWABLE DEVICE

ZV-BL-1600-300

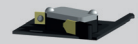


SWITCHES PS-BL-...



Signalling of position

SO-BL-0010



SHUNT TRIP

SV-BL-X...



UNDERVOLTAGE RELEASE

SP-BL-X...



OVERCURRENT RELEASES



SE-BL-J...-DTV3



SE-BL-J...-MTV8



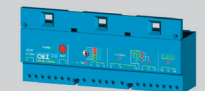
SE-BL-J...-U001

SWITCH-DISCONNECTOR UNIT



SE-BL-J1000-V001

SIGNALLING UNITS



SB-BL-0002

ACCESSORIES

Lockable lever



OD-BL-UP01

Sealing insert



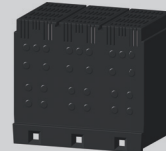
OD-BL-VP01

Extension cable



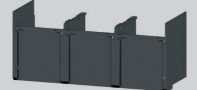
OD-BL-KA01

Terminal cover



OD-BL-KS09

Terminal cover



OD-BL-KS04

Insulating barriers



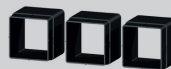
OD-BL-KS02

Insulating barriers



OD-BL-KS08

Insulating grommets



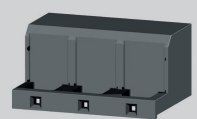
OD-BL-KS03

Fastening screws

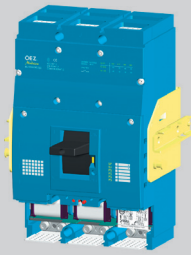


OD-BL-MS02

Terminal cover



OD-BL-KS01

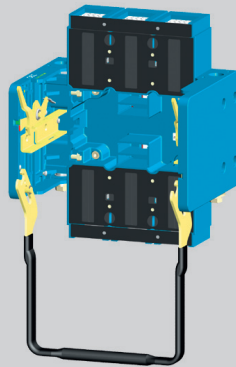


SWITCHING UNITS for fixed design

Code	Type	Description	Weight [kg]	Package [pcs]
19381	BL1000SE305	3-pole, Iu 1000 A, Icu 65 kA, for BL1000	20	1
14410	BL1600SE305	3-pole, Iu 1600 A, Icu 65 kA, for BL1600	22	1

SWITCHING UNITS for withdrawable design

Code	Type	Description	Weight [kg]	Package [pcs]
19382	BL1000SE320	3-pole, Iu 1000 A, Icu 65 kA, for BL1000	23	1
21000	BL1600SE320	3-pole, Iu 1600 A, Icu 65 kA, for BL1600	23	1



WITHDRAWABLE DEVICE

Code	Type	Description	Weight [kg]	Package [pcs]
21010	ZV-BL-1600-300	3-pole, for BL1600/BL1000	14	1



OVERCURRENT RELEASES for BL1000

Code	Type	Description	Weight [kg]	Package [pcs]
22111	SE-BL-J315-DTV3	distribution characteristic D, In 315 A, setting I _r 125 ÷ 315 A, for BL1000	0.5	1
22211	SE-BL-J630-DTV3	distribution characteristic D, In 630 A, setting I _r 250 ÷ 630 A, for BL1000	0.5	1
22311	SE-BL-J800-DTV3	distribution characteristic D, In 800 A, setting I _r 315 ÷ 800 A, for BL1000	0.5	1
19383	SE-BL-J1000-DTV3	distribution characteristic D, In 1000 A, setting I _r 400 ÷ 1000 A, for BL1000	0.5	1
22101	SE-BL-J315-MTV8	motor characteristic M, In 315 A, setting I _r 125 ÷ 315 A, for BL1000	0.5	1
22201	SE-BL-J630-MTV8	motor characteristic M, In 630 A, setting I _r 250 ÷ 630 A, for BL1000	0.5	1
22301	SE-BL-J800-MTV8	motor characteristic M, In 800 A, setting I _r 315 ÷ 800 A, for BL1000	0.5	1
19384	SE-BL-J1000-MTV8	motor characteristic M, In 1000 A, setting I _r 400 ÷ 1000 A, for BL1000	0.5	1
20527	SE-BL-J315-U001	universal characteristic U, In 315 A, setting I _r 125 ÷ 315 A, for BL1000	0.5	1
20526	SE-BL-J630-U001	universal characteristic U, In 630 A, setting I _r 250 ÷ 630 A, for BL1000	0.5	1
20525	SE-BL-J800-U001	universal characteristic U, In 800 A, setting I _r 315 ÷ 800 A, for BL1000	0.5	1
20524	SE-BL-J1000-U001	universal characteristic U, In 1000 A, setting I _r 400 ÷ 1000 A, for BL1000	0.5	1

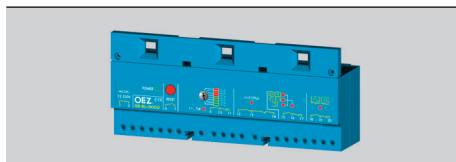
OVERCURRENT RELEASES for BL 1600

20070	SE-BL-0630-DTV3	distribution characteristic D, In 630 A, setting I _r 250 ÷ 630 A, for BL1600	0.5	1
20080	SE-BL-1000-DTV3	distribution characteristic D, In 1000 A, setting I _r 400 ÷ 1000 A, for BL1600	0.5	1
19388	SE-BL-1250-DTV3	distribution characteristic D, In 1250 A, setting I _r 500 ÷ 1250 A, for BL1600	0.5	1
20090	SE-BL-1600-DTV3	distribution characteristic D, In 1600 A, setting I _r 630 ÷ 1600 A, for BL1600	0.5	1
20071	SE-BL-0630-MTV8	motor characteristic M, In 630 A, setting I _r 250 ÷ 630 A, for BL1600	0.5	1
20081	SE-BL-1000-MTV8	motor characteristic M, In 1000 A, setting I _r 400 ÷ 1000 A, for BL1600	0.5	1
19389	SE-BL-1250-MTV8	motor characteristic M, In 1250 A, setting I _r 500 ÷ 1250 A, for BL1600	0.5	1
20091	SE-BL-1600-MTV8	motor characteristic M, In 1600 A, setting I _r 630 ÷ 1600 A, for BL1600	0.5	1
20523	SE-BL-0630-U001	universal characteristic U, In 630 A, setting I _r 250 ÷ 630 A, for BL1600	0.59	1
20364	SE-BL-1000-U001	universal characteristic U, In 1000 A, setting I _r 400 ÷ 1000 A, for BL1600	0.59	1
20521	SE-BL-1250-U001	universal characteristic U, In 1250 A, setting I _r 500 ÷ 1250 A, for BL1600	0.59	1
20363	SE-BL-1600-U001	universal characteristic U, In 1600 A, setting I _r 630 ÷ 1600 A, for BL1600	0.59	1



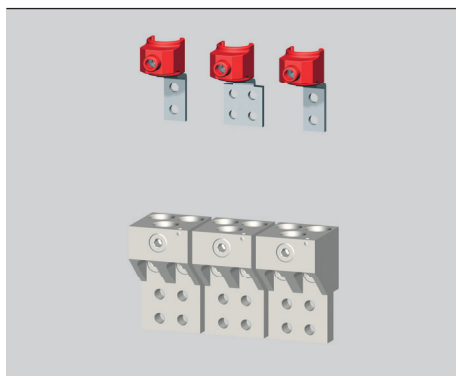
SWITCH-DISCONNECTOR UNITS

Code	Type	Description	Weight [kg]	Package [pcs]
19385	SE-BL-J1000-V001	for BL1000	0.4	1
20400	SE-BL-1600-V001	for BL1600	0.4	1



SIGNALLING UNIT

Code	Type	Description	Weight [kg]	Package [pcs]
13765	SB-BL-0002	for releases SE-BL-...-DTV3/MTV8/U001, for BL1600/BL1000	0.67	1



CONNECTING SETS

Code	Type	Description	Weight [kg]	Package [pcs]
20710	CS-BL-W010	clamp terminals, 2x(70 ÷ 240) mm2, 3 pcs, for BL1600/ BL1000	1.47	1
20930	CS-BL-W011	clamp terminals, 70 ÷ 240 mm2, 3 pcs, for BL1600/ BL1000	0.663	1
20611	CS-BL-A022	rear connection, up to 1000 A, Cu/Al busbars, 3 pcs, for BL1600/ BL1000	1.43	1
20610	CS-BL-A021	rear connection, up to 1600 A, Cu/Al busbars, 3 pcs, for BL1600/ BL1000	2.76	1
21050	CS-BL-A010	front connection, withdrawable design, Cu/Al busbars, 3 pcs, for BL1600/ BL1000	2.73	1
21070	CS-BL-A020	rear connection, withdrawable design, Cu/Al busbars, 3 pcs, for BL1600/ BL1000	3.42	1
20116	CS-BL-B002	block terminals, 2x(150 ÷ 300) mm2, 3 pcs, for BL1600/ BL1000	1	1
20117	CS-BL-B003	block terminals, 3x(150 ÷ 300) mm2, 3 pcs, for BL1600/ BL1000	2	1
20118	CS-BL-B004	block terminals, 4x(150 ÷ 300) mm2, 3 pcs, for BL1600/ BL1000	1.8	1



SWITCHES

Code	Type	Description	Weight [kg]	Package [pcs]
20510	PS-BL-2200	2x NO + 2x NC, 60 ÷ 240 V a.c./d.c., for BL1600/ BL1000	0.041	1
12808	PS-BL-2200-Au	2x NO + 2x NC, 5 ÷ 60 V a.c./d.c., for BL1600/ BL1000	0.041	1



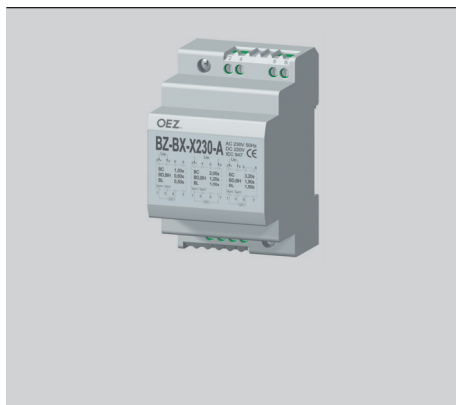
SHUNT TRIPS

Code	Type	Description	Weight [kg]	Package [pcs]
16162	SV-BL-X024	24 V a.c./d.c., for BL1600/ BL1000	0.22	1
16161	SV-BL-X048	48 V a.c./d.c., for BL1600/ BL1000	0.22	1
16160	SV-BL-X110	110 V a.c./d.c., for BL1600/ BL1000	0.22	1
16159	SV-BL-X230	230 V a.c./220 V d.c., for BL1600/ BL1000	0.22	1
16158	SV-BL-X400	400 V a.c., for BL1600/ BL1000	0.22	1
16157	SV-BL-X500	500 V a.c., for BL1600/ BL1000	0.22	1



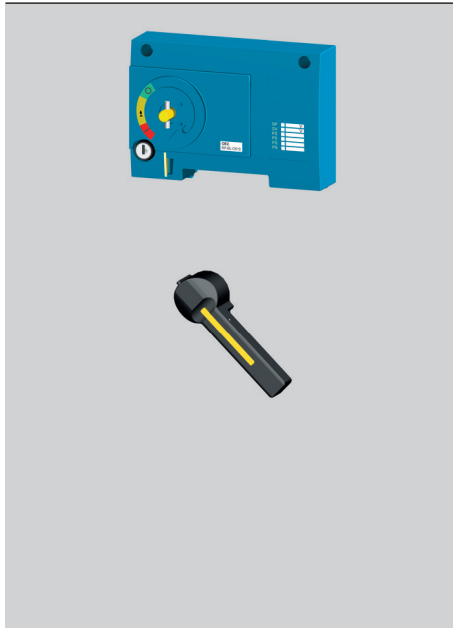
UNDervOLTAGE RELEASES

Code	Type	Description	Weight [kg]	Package [pcs]
16168	SP-BL-X024	24 V a.c./d.c., for BL1600/ BL1000	0.22	1
16167	SP-BL-X048	48 V a.c./d.c., pro BL1600/ BL1000	0.22	1
16166	SP-BL-X110	110 V a.c./d.c., for BL1600/ BL1000	0.22	1
16165	SP-BL-X230	230 V a.c./220 V d.c., for BL1600/ BL1000	0.22	1
16164	SP-BL-X400	400 V a.c., for BL1600/ BL1000	0.22	1
16163	SP-BL-X500	500 V a.c., for BL1600/ BL1000	0.22	1



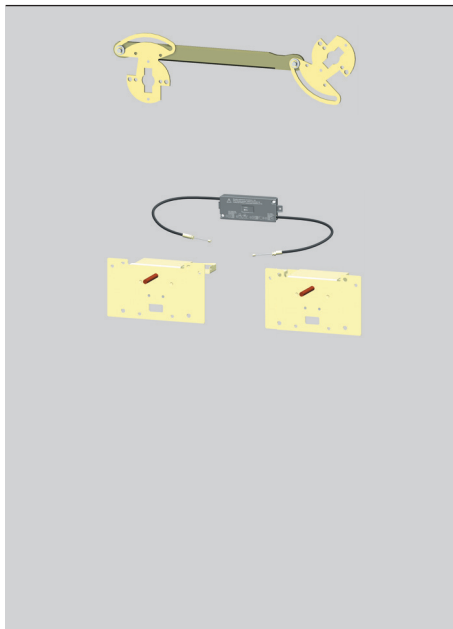
DELAY UNIT

Code	Type	Description	Weight [kg]	Package [pcs]
36696	BZ-BX-X230-A	for undervoltage releases, 230 V a.c./220 V d.c., for SP-BC-..., SP-BD-..., SP-BH-..., SP-BL-...	0.12	1



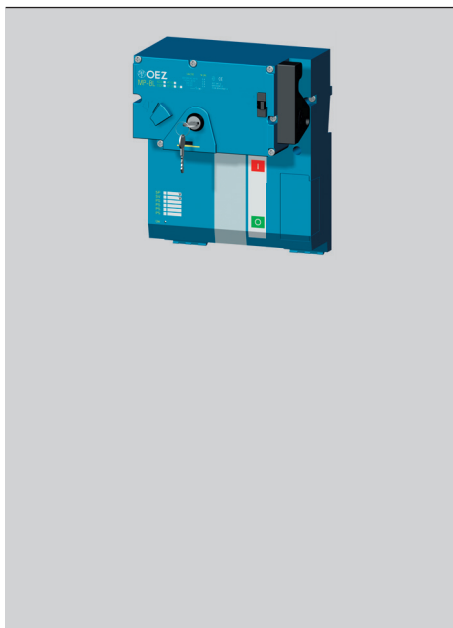
HAND DRIVES

Code	Type	Description	Weight [kg]	Package [pcs]
20850	RP-BL-CK10	hand drive unit, for BL1600/ BL1000	0.23	1
20865	RP-BL-CP10	hand drive lever, black, lockable, for BL1600/ BL1000	0.261	1
20867	RP-BL-CP11	hand drive lever, red, lockable, for BL1600/ BL1000	0.261	1
20870	RP-BL-CN10	hand drive bearing, IP44, label - black, for BL1600/ BL1000	1.1	1
19103	RP-BL-CN20	hand drive bearing, IP66, label - black, for BL1600/ BL1000	1.1	1
20875	RP-BL-CH10	extension shaft, for BL1600/ BL1000	0.352	1
20678	RP-BL-CK52	hand drive unit, 2 pcs, with the same lock and key, for BL1600/BL1000	0.23	1
20679	RP-BL-CK53	hand drive unit, 3 pcs, with the same lock and key, for BL1600/BL1000	0.23	1
20680	RP-BL-CK54	hand drive unit, 4 pcs, with the same lock and key, for BL1600/BL1000	0.23	1
20681	RP-BL-CK55	hand drive unit, 5 pcs, with the same lock and key, for BL1600/BL1000	0.23	1



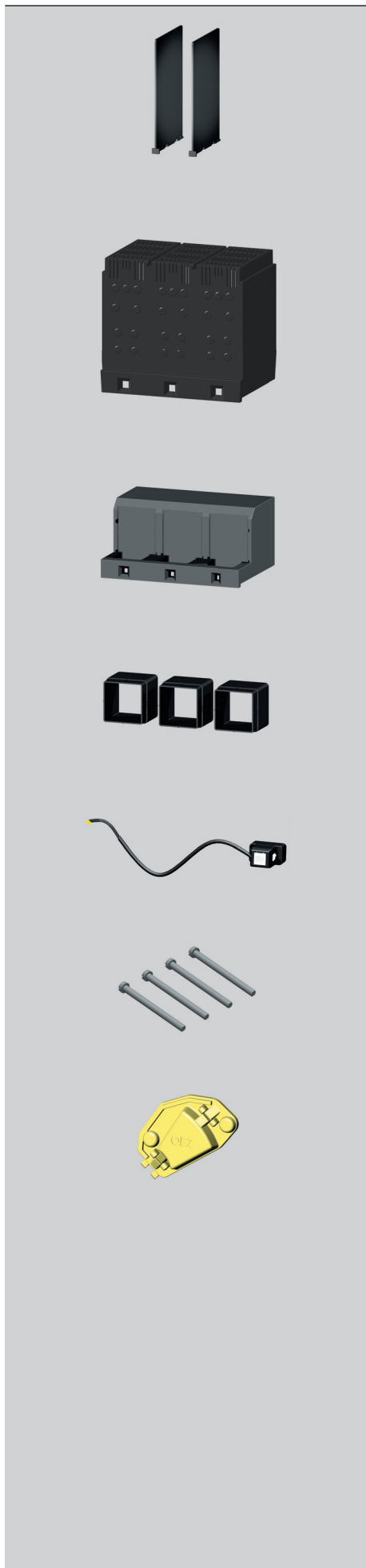
MECHANICAL INTERLOCKING

Code	Type	Description	Weight [kg]	Package [pcs]
20880	RP-BL-CB10	for hand drive, for BL1600/ BL1000	0.12	1
19807	MB-BL-PP07	with Bowden cable, between two circuit breakers, in fixed design, for BL1600/ BL1000	0.4	1
20529	MB-BL-PV08	with Bowden cable, between two circuit breakers, 1st in fixed design, 2nd in withdrawable design, for BL1600/ BL1000	0.4	1
20528	MB-BL-VV06	with Bowden cable, between two circuit breakers, in withdrawable design, for BL1600/ BL1000	0.4	1



MOTOR DRIVES

Code	Type	Description	Weight [kg]	Package [pcs]
11601	MP-BL-X110	110 V a.c./d.c., for BL1600/ BL1000	4.35	1
11600	MP-BL-X230	230 V a.c./220 V d.c., for BL1600/ BL1000	4.35	1
11604	MP-BL-X110-P	110 V a.c./d.c., counter of cycles, for BL1600/ BL1000	4.4	1
11605	MP-BL-X230-P	230 V a.c./220 V d.c., counter of cycles, for BL1600/ BL1000	4.4	1



ACCESSORIES

Code	Type	Description	Weight [kg]	Package [pcs]
20910	OD-BL-KS02	insulating barriers, for fixed design, 2 pcs, for BL1600/ BL1000	0.264	1
20569	OD-BL-KS08	insulating barriers, for withdrawable device, 2 pcs, for BL1600/ BL1000	0.142	1
39893	OD-BL-KS09	for fixed design, IP20, for BL1600/ BL1000	0.7	1
20810	OD-BL-KS01	terminal cover, IP20, for BL1600/ BL1000	0.287	1
20940	OD-BL-KS04	terminal cover, for withdrawable device, front connection, for BL1600/ BL1000	0.168	1
20920	OD-BL-KS03	insulating grommets, IP20, rear connection, for BL1600/ BL1000	0.1	1
13621	OD-BL-UP01	lockable lever, for BH630	0.041	1
13924	OD-BL-VP01	bolt sealing insert	0.003	1
21030	OD-BL-KA01	connecting cable, for circuit breaker in withdrawable design, for BL1600/ BL1000	0.12	1
14855	OD-BL-MS02	set of screws M8x60, 4 pcs, for withdrawable device, for BL1600/ BL1000	0.144	1
14643	OD-BL-KT01	cover of switch on button, for motor drive, for BL1600/ BL1000	0.019	1
21020	SO-BL-0010	signalling of position, for circuit breaker in withdrawable design, for BL1600/ BL1000	0.02	1

NOTES

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Air circuit breakers Arion WLC1

AIR CIRCUIT BREAKERS





Specifications

Size		I	II	III
Rated current	I_n	630 A	800 A	4000 A
		800 A	1000 A	5000 A
		1000 A	1250 A	6300 A
		1250 A	1600 A	
		1600 A	2000 A	
		2000 A	2500 A	
		2000 A	3200 A	
Rated operating voltage	U_e	690 V a.c.	690, 1000, 1150 V a.c.	690, 1000, 1150 V a.c.
Rated frequency	f_n	50/60 Hz	50/60 Hz	50/60 Hz
Utilization category	690 V a.c.	B	B	B
Rated short-circuit ultimate breaking capacity	I_{cu}	66 (55) kA /440 V a.c.	80 (66, 100) kA /440 V a.c.	100 (150, 130) kA /440 V a.c.
Rated short-time withstand current at $U_e = 690$ V a.c.	I_{cw}	50 kA/1 s	66 kA/1 s	80 kA/1 s
Rated short-circuit making capacity	I_{cm}	145 kA/440 V a.c.	176 kA/440 V a.c.	220 kA/440 V a.c.
Dimensions W x H x D		320 x 468.5 x 385 mm	460 x 460 x 385 mm	704 x 460 x 385 mm
Number of poles		3, 4	3, 4	3, 4

Design and accessories

Withdrawable design	●	●	●
Front/rear connection	●/●	●/●	●/●
Switches auxiliary/signal	●/●	●/●	●/●
Shunt trip	●	●	●
Undervoltage release/ with delay	●/●	●/●	●/●
Motor drive	●	●	●
Mechanical interlocking	●	●	●

● available, – unavailable, + being prepared



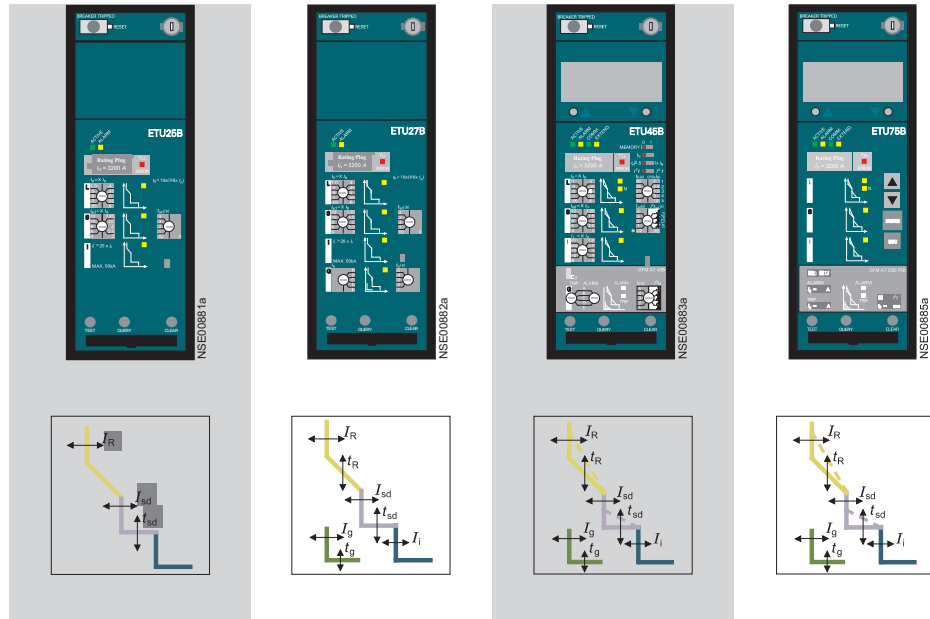
Air circuit breakers in withdrawable design

Type identification configuration table

Type identification		Arion WL	1	2	20	3	CB	3	6	4	G	A	2	-Z	+K07	
Size																
size I	from 630 to 2000 A		1													
size II	from 800 to 4000 A		2													
size III	from 4000 to 6300 A		3													
Rated current																
630 A	only size I		06													
800 A	size I or II		08													
1000 A	size I or II		10													
1250 A	size I or II		12													
1600 A	size I or II		16													
2000 A	size I or II		20													
2500 A	only size II		25													
3200 A	only size II		32													
4000 A	size II or III		40													
5000 A	only size III		50													
6300 A	only size III		63													
Rated short-circuit ultimate breaking capacity																
N – ECO	55 kA for size I, 66 kA for size II		2													
S – STANDARD	66 kA for size I, 80 kA for size II		3													
H – HIGH	80 kA for size I, 100 kA for size II and size III		4													
C – EXTRA	150 kA for size III (3-pole), 130 kA for size III (4-pole)		5													
Overcurrent release																
without overcurrent release	switch-disconnector		AA													
ETU25B	circuit breakers		CB													
ETU45B - without display	circuit breakers		EB													
ETU45B - with display	circuit breakers		FB													
ETU76B - with graphic display	circuit breakers		NB													
Design																
3-pole			3													
4-pole			4													
Design																
fixed	rear vertical connection		1													
fixed	rear horizontal connection		2													
fixed	front connection		4													
withdrawable	rear horizontal connection		6													
withdrawable	rear vertical connection		7													
Drive																
hand drive			1													
hand and motor drive, closing release	230 V a.c./220 V d.c.		4													
hand and motor drive, closing release	110 V a.c./d.c.		5													
hand and motor drive, closing release	24 V d.c.		6													
1st auxiliary release																
without 1st auxiliary release			A													
shunt trip	24 V d.c.		B													
shunt trip	110 V a.c./d.c.		F													
shunt trip	230 V a.c./220 V d.c.		G													
2nd auxiliary release																
without 2nd auxiliary release			A													
shunt trip	24 V d.c.		B													
shunt trip	110 V a.c./d.c.		F													
shunt trip	230 V a.c./220 V d.c.		G													
undervoltage release	24 V d.c.		J													
undervoltage release	110 V a.c./d.c.		M													
undervoltage release	230 V a.c./220 V d.c.		N													
Auxiliary switches																
2 NO + 2 NC			2													
4 NO + 4 NC			4													
Accessories (several codes can be added at the same time)																
Electrical ON button on the front panel			C11													
Signal switch „Storage device state“			C20													
Signal switch „Ready-to-close“			C22													
Signal switch „Switched off by overcurrent release“			K07													
Signal switches of circuit breaker position in the plug-in frame			R15													
Door sealing frame			T40													
Locking devices against unauthorized closing on the front control panel			S01													

The table does not contain all versions of circuit breakers/disconnectors Arion WL. For complete range use the catalogue of Air circuit breakers Arion WL.

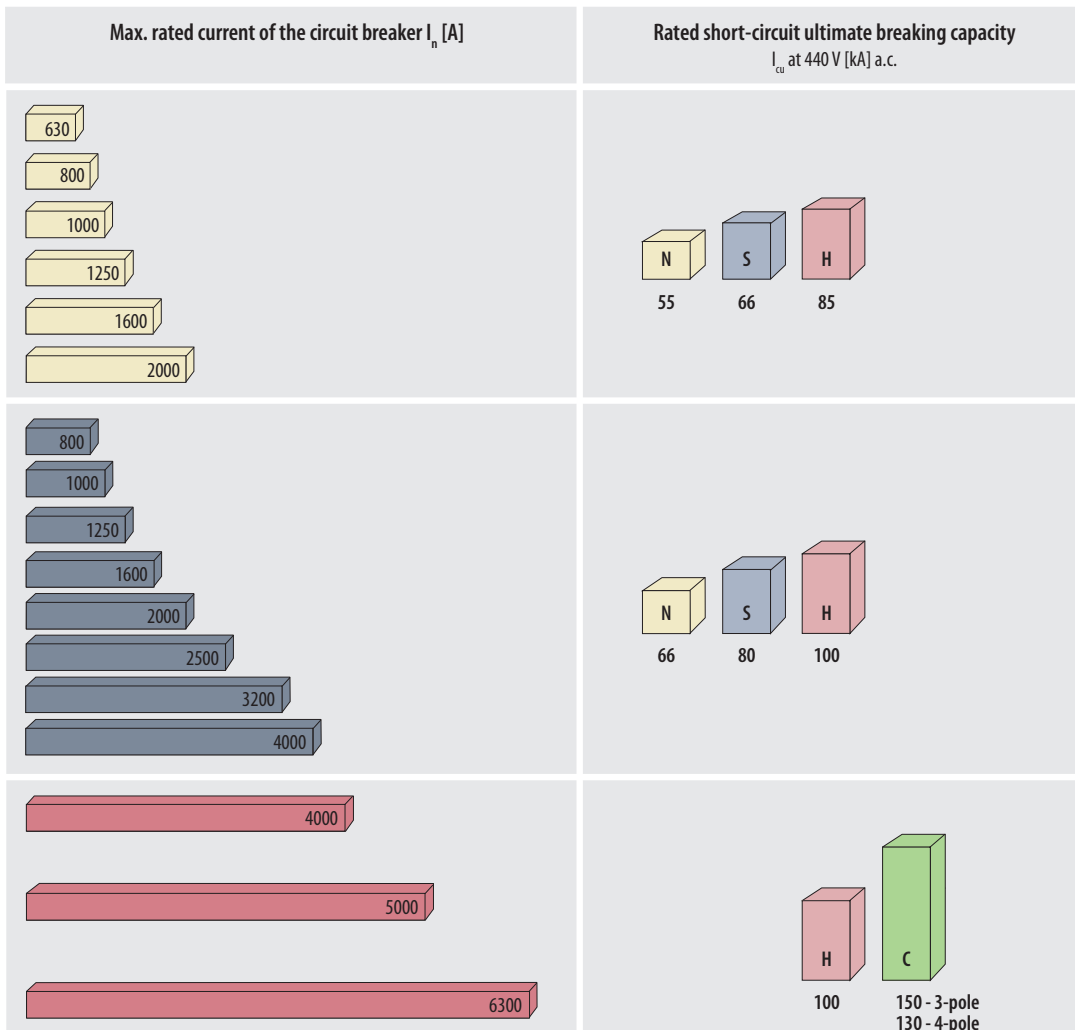
Overview of overcurrent releases



Overcurrent release name		ETU25B	ETU27B	ETU45B	ETU76B
Overcurrent protection	L	+	+	+	+
Short-time delayed short-circuit protection	S	+	+	+	+
Immediate short-circuit protection	I	+	+	+	+
Protection of neutral conductor	N	-	+	+	+
Ground protection	G	-	+	○	○

+ YES, - NO, ○ optional

Overview of circuit breaker designs





AIR CIRCUIT BREAKERS, 3-pole fixed design

Code	Type	Description	Weight [kg]	Package [pcs]
19209	ARION WL1110-3CB32-1GA2	In = 1000 A, size 1, Icu = 66 kA	43	1
19211	ARION WL1116-3CB32-1GA2	In = 1600 A, size 1, Icu = 66 kA	43	1
19216	ARION WL1220-3CB32-1GA2	In = 2000 A, size 2, Icu = 80 kA	56	1
19217	ARION WL1225-3CB32-1GA2	In = 2500 A, size 2, Icu = 80 kA	59	1
19218	ARION WL1232-3CB32-1GA2	In = 3200 A, size 2, Icu = 80 kA	64	1
19226	ARION WL1340-4CB32-1GA2	In = 4000 A, size 3, Icu = 100 kA	82	1
19227	ARION WL1350-4CB32-1GA2	In = 5000 A, size 3, Icu = 100 kA	82	1
19228	ARION WL1363-4CB31-1GA2	In = 6300 A, size 3, Icu = 100 kA	90	1

It includes overcurrent release ETU25B, hand drive and mechanical ON/OFF, shunt trip 230 V a.c./ 220 V d.c., auxiliary switch S1 and S2 (2 NO + 2 NC), rear horizontal connection (6300 A – rear vertical connection)



AIR CIRCUIT BREAKERS, 3-pole withdrawable design

Code	Type	Description	Weight [kg]	Package [pcs]
18238	ARION WL1110-3CB36-1GA2	In = 1000 A, size 1, Icu = 66 kA	70	1
19240	ARION WL1116-3CB36-1GA2	In = 1600 A, size 1, Icu = 66 kA	70	1
19245	ARION WL1220-3CB36-1GA2	In = 2000 A, size 2, Icu = 80 kA	91	1
19246	ARION WL1225-3CB36-1GA2	In = 2500 A, size 2, Icu = 80 kA	102	1
19247	ARION WL1232-3CB36-1GA2	In = 3200 A, size 2, Icu = 80 kA	113	1
19255	ARION WL1340-4CB36-1GA2	In = 4000 A, size 3, Icu = 100 kA	148	1
19256	ARION WL1350-4CB36-1GA2	In = 5000 A, size 3, Icu = 100 kA	148	1
19257	ARION WL1363-4CB37-1GA2	In = 6300 A, size 3, Icu = 100 kA	178	1

It includes overcurrent release ETU25B, hand drive and mechanical ON/OFF, shunt trip 230 V a.c./ 220 V d.c., auxiliary switch S1 and S2 (2 NO + 2 NC), rear horizontal connection (6300 A – rear vertical connection)

■ in your order always specify product type and code



AIR CIRCUIT BREAKERS, 4-pole fixed design

Code	Type	Description	Weight [kg]	Package [pcs]
19267	ARION WL1110-3CB42-1GA2	In = 1000 A, size 1, Icu = 66 kA	50	1
19269	ARION WL1116-3CB42-1GA2	In = 1600 A, size 1, Icu = 66 kA	50	1
19247	ARION WL1220-3CB42-1GA2	In = 2000 A, size 2, Icu = 80 kA	67	1
19275	ARION WL1225-3CB42-1GA2	In = 2500 A, size 2, Icu = 80 kA	71	1
19276	ARION WL1232-3CB42-1GA2	In = 3200 A, size 2, Icu = 80 kA	77	1
19284	ARION WL1340-4CB42-1GA2	In = 4000 A, size 3, Icu = 100 kA	99	1
19285	ARION WL1350-4CB42-1GA2	In = 5000 A, size 3, Icu = 100 kA	99	1
19286	ARION WL1363-4CB41-1GA2	In = 6300 A, size 3, Icu = 100 kA	108	1

It includes overcurrent release ETU25B, hand drive and mechanical ON/OFF, shunt trip 230 V a.c./ 220 V d.c., auxiliary switch S1 and S2 (2 NO + 2 NC), rear horizontal connection (6300 A – rear vertical connection)



AIR CIRCUIT BREAKERS, 4-pole withdrawable design

Code	Type	Description	Weight [kg]	Package [pcs]
19296	ARION WL1110-3CB46-1GA2	In = 1000 A, size 1, Icu = 66 kA	84	1
19298	ARION WL1116-3CB46-1GA2	In = 1600 A, size 1, Icu = 66 kA	84	1
19303	ARION WL1220-3CB46-1GA2	In = 2000 A, size 2, Icu = 80 kA	106	1
19304	ARION WL1225-3CB46-1GA2	In = 2500 A, size 2, Icu = 80 kA	123	1
19305	ARION WL1232-3CB46-1GA2	In = 3200 A, size 2, Icu = 80 kA	136	1
19313	ARION WL1340-4CB46-1GA2	In = 4000 A, size 3, Icu = 100 kA	190	1
19314	ARION WL1350-4CB46-1GA2	In = 5000 A, size 3, Icu = 100 kA	190	1
19315	ARION WL1363-4CB47-1GA2	In = 6300 A, size 3, Icu = 100 kA	227	1

It includes overcurrent release ETU25B, hand drive and mechanical ON/OFF, shunt trip 230 V a.c./ 220 V d.c., auxiliary switch S1 and S2 (2 NO + 2 NC), rear horizontal connection (6300 A – rear vertical connection)

■ in your order always specify product type and code

NOTES

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Cylindrical fuses	D2
Switch-disconnectors for cylindrical fuse-links	D3
Fuses with blade contacts	D4
Fuse switch-disconnectors	D9
Fuse switch-disconnectors of vertical design	D13
Fuse-rails	D15
Fuses for semiconductor protection (cylindrical)	D17
Fuse disconnectors for fuse-link for semiconductor protection	D18
Fuses for semiconductor protection (with screw connections, with blade contacts)	D19
MV fuses	D23

FUSE SYSTEMS

D



Cd/Pb-free

FUSE-LINKS PV

Type	PV10	PV14	PV22
U_n	400*, 500 V a.c. /250 V d.c.	400*, 500, 690** V a.c. /250 V d.c.	400*, 500, 690** V a.c. /250 V d.c.
I_n	0.25 ÷ 32 A	0.25 ÷ 63 A	16 ÷ 125 A
Utilization category	gG, aM	gG, aM	gG, aM
Size	10x38	14x51	22x58

Utilization category gG

Code	Type	Weight [kg]	Package [pcs]
10 x 38			
6691	PV10 2A gG	0,009	20
6693	PV10 4A gG	0,010	20
6695	PV10 6A gG	0,008	20
6697	PV10 8A gG	0,010	20
6699	PV10 10A gG	0,010	20
6701	PV10 12A gG	0,010	20
6703	PV10 16A gG	0,010	20
6705	PV10 20A gG	0,010	20
6707	PV10 25A gG	0,008	20
6709	PV10 32A gG	0,010	20

Code	Type	Weight [kg]	Package [pcs]
14 x 51			
6714	PV14 2A gG**	0,020	10
6716	PV14 4A gG**	0,020	10
6718	PV14 6A gG**	0,020	10
6720	PV14 8A gG**	0,020	10
6722	PV14 10A gG**	0,025	10
6724	PV14 12A gG**	0,020	10
6726	PV14 16A gG**	0,020	10
6728	PV14 20A gG**	0,025	10
6730	PV14 25A gG**	0,025	10
6732	PV14 32A gG**	0,025	10
6734	PV14 40A gG	0,026	10
6736	PV14 50A gG	0,026	10
6738	PV14 63A gG ¹⁾	0,026	10

Code	Type	Weight [kg]	Package [pcs]
22 x 58			
6740	PV22 16A gG**	0,054	10
6742	PV22 20A gG**	0,054	10
6744	PV22 25A gG**	0,054	10
6746	PV22 32A gG**	0,054	10
6748	PV22 40A gG**	0,054	10
6750	PV22 50A gG**	0,054	10
6752	PV22 63A gG	0,054	10
6754	PV22 80A gG	0,054	10
6756	PV22 100A gG	0,054	10
18271	PV22 125A gG ²⁾	0,054	10

Utilization category aM

Code	Type	Weight [kg]	Package [pcs]
10 x 38			
6688	PV10 0,25A aM	0,010	20
6689	PV10 0,5A aM	0,010	20
6690	PV10 1A aM	0,010	20
6692	PV10 2A aM	0,010	20
6694	PV10 4A aM	0,010	20
6696	PV10 6A aM	0,010	20
6698	PV10 8A aM	0,010	20
6700	PV10 10A aM	0,010	20
6702	PV10 12A aM	0,010	20
6704	PV10 16A aM	0,010	20
6706	PV10 20A aM*	0,010	20
6708	PV10 25A aM*	0,010	20
6710	PV10 32A aM*	0,010	20

Code	Type	Weight [kg]	Package [pcs]
14 x 51			
6711	PV14 0,25A aM***	0,020	10
6712	PV14 0,5A aM***	0,020	10
6713	PV14 1A aM***	0,020	10
6715	PV14 2A aM***	0,020	10
6717	PV14 4A aM***	0,020	10
6719	PV14 6A aM***	0,020	10
6721	PV14 8A aM***	0,020	10
6723	PV14 10A aM***	0,020	10
6725	PV14 12A aM***	0,020	10
6727	PV14 16A aM	0,020	10
6729	PV14 20A aM	0,020	10
6731	PV14 25A aM	0,020	10
6733	PV14 32A aM	0,020	10
6735	PV14 40A aM	0,020	10
6737	PV14 50A aM*	0,020	10
6739	PV14 63A aM*	0,020	10

Code	Type	Weight [kg]	Package [pcs]
22 x 58			
6741	PV22 16A aM**	0,060	10
6743	PV22 20A aM**	0,060	10
6745	PV22 25A aM**	0,060	10
6747	PV22 32A aM**	0,060	10
6749	PV22 40A aM**	0,060	10
6751	PV22 50A aM**	0,060	10
6753	PV22 63A aM	0,060	10
6755	PV22 80A aM	0,060	10
6757	PV22 100A aM	0,060	10
6758	PV22 125A aM*	0,060	10

¹⁾ The fuse-link can be used only in the OPVP14 switch-disconnectors of cylindrical fuse-links, see page D18.

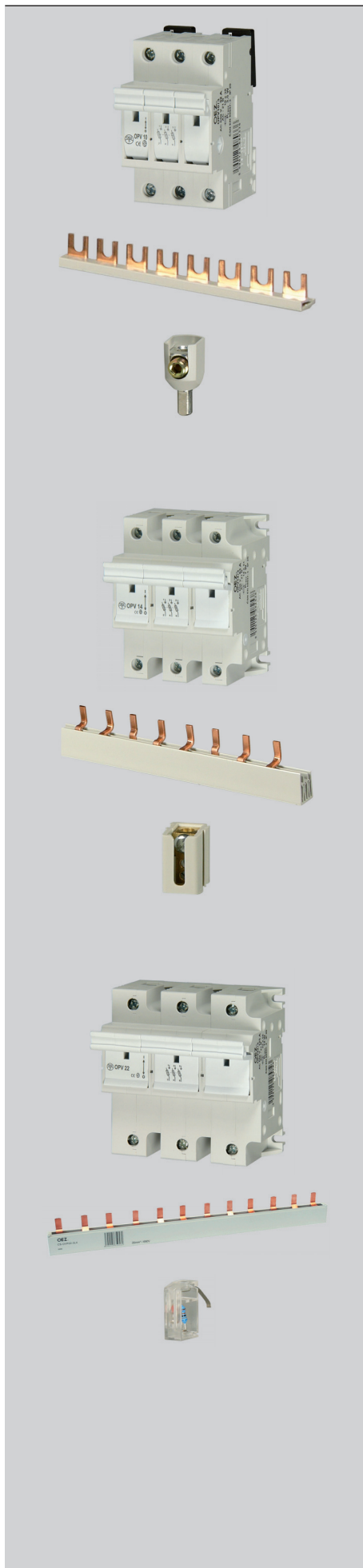
²⁾ The fuse-link can be used only in the OPVP22 switch-disconnectors of cylindrical fuse-links, see page D18.

DISCONNECTING LINKS ZP

Type	ZPV10	ZPV14	ZPV22	ZPT22
I_n	32 A	63 A	125 A	63 A
Size	10x38	14x51	22x58	22x127

Code	Type	Description	Weight [kg]	Package [pcs]
13197	ZPV10	disconnecting link	0.007	10
13198	ZPV14	disconnecting link	0.016	10
13199	ZPV22	disconnecting link	0.046	10
8609	ZPT22	disconnecting link	0.097	10
6687	KV	replacement tongs for PV	0.020	1





SWITCH-DISCONNECTORS FOR CYLINDRICAL FUSE-LINKS 10x38, 14x51, 22x58

Type	OPV10	OPV14	OPV22
I_e	32 A	63 A	125 A
U_e	690 V a.c./d.c.	690 V a.c./d.c.	690 V a.c./d.c.
Utilization category	690 V a.c.	AC-21B	AC-21B
	250 V d.c.	DC-21B	DC-21B
	700 V d.c.	DC-20B	DC-20B
Fuse-link size	10x38	14x51	22x58

Code	Type	Number of poles	Weight [kg]	Package [pcs]
OPV10				
38819	OPV10S-1	1	0.092	12
38825	OPV10-N	N	0.100	12
38820	OPV10S-1N	1+N	0.186	6
38821	OPV10S-2	2	0.180	6
38822	OPV10S-3	3	0.280	4
38823	OPV10S-3N	3+N	0.360	3
38824	OPV10S-4	4	0.360	3

Code	Type	Number of poles	Weight [kg]	Package [pcs]
OPV14				
38636	OPV14S-1	1	0.131	12
38827	OPV14-N	N	0.140	12
38638	OPV14S-1N	1+N	0.280	6
38639	OPV14S-2	2	0.260	6
38640	OPV14S-3	3	0.380	4
38641	OPV14S-3N	3+N	0.520	3
38642	OPV14S-4	4	0.520	3

Code	Type	Number of poles	Weight [kg]	Package [pcs]
OPV22				
38644	OPV22S-1	1	0.200	12
38834	OPV22-N	N	0.240	12
38646	OPV22S-1N	1+N	0.460	6
38647	OPV22S-2	2	0.400	6
38648	OPV22S-3	3	0.610	4
38649	OPV22S-3N	3+N	0.860	3
38650	OPV22S-4	4	0.800	3

Code	Type	Description	Weight [kg]	Package [pcs]
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Accessories OPV10

8703	S-OPV10	light indication, U_e 100 ÷ 500 V a.c., d.c.	0.002	1
11812	S-OPV10/48	light indication, U_e 12 ÷ 48 V a.c., d.c.	0.002	1
18234	S-OPV10/48PD	light indication, U_e 12 ÷ 48 V a.c., d.c., + down	0.002	1
37355	G1L-1000-12	interconnecting busbar, 1-pole design, cross-section 12 mm ² , spacing 17.8 mm, number of outlets 57, forks	0.3	1
37361	G2L-1000-16	interconnecting busbar, 2-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 57, forks	0.3	1
37365	G3L-1000-10C	interconnecting busbar, 3-pole design, cross-section 10 mm ² , spacing 17.8 mm, number of outlets 3x 19, forks	0.3	1
37390	AS-2S-G	terminal extension, cross-section 6 ÷ 25 mm ² , fork	0.013	10
38749	AS-50-S-AL01	terminal extension, for connection of Cu/Al conductor of cross-section 16 ÷ 50 mm ² , pin	0.018	15
11883	GA-60/63/54-1x7,5	adapter for busbar system, I_n 63 A, U_n 690 V, busbar spacing 60 mm, width 54 mm, 1x DIN rail	0.580	1
37383	EKC-1	end cap, for 1-pole rails with cross-sections 10, 12, 16 mm ²	0.0005	10
37385	EKC-3	end cap, for 3-pole rails with cross-sections 10 mm ²	0.001	10
37384	EKC-2+3	end cap, for 2-pole rails and for 3-pole rails with cross-sections 16 mm ²	0.001	10

Accessories OPV14

8704	S-OPV1422	light indication, U_e 100 ÷ 500 V a.c., d.c.	0.002	1
11816	S-OPV1422/48	light indication, U_e 12 ÷ 48 V a.c., d.c.	0.002	1
18235	S-OPV1422/48PD	light indication, U_e 12 ÷ 48 V a.c., d.c., + down	0.002	1
37380	S3L-27-1000-16	interconnecting busbar, 3-pole design, cross-section 16 mm ² , spacing 26.8 mm, number of outlets 3x 16, pins	0.537	20
37381	S3L-27-1000-25	interconnecting busbar, 3-pole design, cross-section 25 mm ² , spacing 27 mm, number of outlets 3x 16, pins	0.995	10
11892	S-3L-27-156/16SN	interconnecting busbar, 3-pole design, cross-section 16 mm ² , spacing 26.8 mm, tinned contacts, pins, for 2xOPV14/3	0.065	1
175	ES-3S-GS	power supply unit, cross-section 35 mm ² , for interconnecting busbars	0.032	10
11883	GA-60/63/54-1x7,5	adapter for busbar system, I_n 63 A, U_n 690 V, busbar spacing 60 mm, width 54 mm, 1x DIN rail	0.580	1
37384	EKC-2+3	end cap, for 2-pole rails and for 3-pole rails with cross-sections 16 mm ²	0.001	10
37386	EKC-3-36	end cap, for 3-pole rails with cross-sections 25 mm ²	0.001	10
38749	AS-50-S-AL01	terminal extension, for connection of Cu/Al conductor of cross-section 16 ÷ 50 mm ² , pin	0.018	15

Accessories OPV22

8704	S-OPV1422	light indication, U_e 100 ÷ 500 V a.c., d.c.	0.002	1
11816	S-OPV1422/48	light indication, U_e 12 ÷ 48 V a.c., d.c.	0.002	1
18235	S-OPV1422/48PD	light indication, U_e 12 ÷ 48 V a.c., d.c., + down	0.002	1
35954	CS-OPV22-3L2	interconnecting busbar, I_{max} 200 A, 3-pole design, cross-section 35 mm ² , spacing 35.3 mm, number of outlets 3x2	0.184	5
35955	CS-OPV22-3L3	interconnecting busbar, I_{max} 200 A, 3-pole design, cross-section 35 mm ² , spacing 35.3 mm, number of outlets 3x3	0.320	5
35956	CS-OPV22-3L4	interconnecting busbar, I_{max} 200 A, 3-pole design, cross-section 35 mm ² , spacing 35.3 mm, number of outlets 3x4	0.452	5
35957	CS-OPV22-3L5	interconnecting busbar, I_{max} 200 A, 3-pole design, cross-section 35 mm ² , spacing 35.3 mm, number of outlets 3x5	0.590	5
13740	CS-FH000-3NP95	terminal extensions, with straight terminal, cross-section Cu/Al 35 ÷ 95 mm ² , set of 3 pcs	0.176	1
15589	CS-FH000-3ND95	terminal extensions with long terminal, cross-section Cu/Al 35 ÷ 95 mm ² , set of 3 pcs	0.184	1

Common accessories of fuse switch-disconnectors OPV10, OPV14, OPV22

38614	MD-M3	electronic signalling of fuse state	0.15	1
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New



Cd/Pb-free

FUSE-LINKS PNA

Type	PNA000	PNA00	PNA1	PNA2	PNA3	PN4a
U_n	400*, 500 V a.c./ 250 V d.c.	500 V a.c./ 250 V d.c.	500 V a.c./ 690 V a.c./ 440 V d.c. 250 V d.c.	500 V a.c./ 690 V a.c./ 250 V d.c.	500 V a.c./ 690 V a.c./ 250 V d.c.	500 V a.c./ 690 V a.c./ 250 V d.c.
I_n	6 ÷ 160 A	6 ÷ 80 A	125 ÷ 160 A	100 ÷ 160 A	16 ÷ 250 A	63 ÷ 250 A
Utilization category	gG	aM	gG	aM	gG	aM
Size	000 (00C)	00	1	2	3	4a

Utilization category gG

Code	Type	Weight [kg]	Package [pcs]
▷ PNA000			
40477	PNA000 6A gG	0.13	3
40478	PNA000 10A gG	0.13	3
40479	PNA000 16A gG	0.13	3
40480	PNA000 20A gG	0.13	3
40481	PNA000 25A gG	0.13	3
40482	PNA000 32A gG	0.13	3
40483	PNA000 35A gG	0.13	3
40484	PNA000 40A gG	0.13	3
40485	PNA000 50A gG	0.13	3
40486	PNA000 63A gG	0.13	3
40487	PNA000 80A gG	0.13	3
40488	PNA000 100A gG	0.13	3
40489	PNA000 125A gG*	0.16	3
40490	PNA000 160A gG*	0.16	3
▷ PNA00			
40513	PNA00 125A gG	0.21	3
40513	PNA00 160A gG	0.21	3
▷ PNA1			
40428	PNA1 16A gG	0.29	3
40429	PNA1 20A gG	0.29	3
40430	PNA1 25A gG	0.29	3
40431	PNA1 32A gG	0.30	3
40432	PNA1 35A gG	0.30	3
40433	PNA1 40A gG	0.30	3
40434	PNA1 50A gG	0.30	3
40435	PNA1 63A gG	0.30	3
40436	PNA1 80A gG	0.30	3
40437	PNA1 100A gG	0.30	3
40438	PNA1 125A gG	0.30	3
40439	PNA1 160A gG	0.30	3
40440	PNA1 200A gG	0.44	3
40441	PNA1 224A gG	0.44	3
40442	PNA1 250A gG	0.44	3

▷ PNA2			
40386	PNA2 35A gG	0.45	3
40387	PNA2 40A gG	0.45	3
40388	PNA2 50A gG	0.45	3
40389	PNA2 63A gG	0.45	3
40390	PNA2 80A gG	0.45	3
40391	PNA2 100A gG	0.45	3
40392	PNA2 125A gG	0.45	3
40393	PNA2 160A gG	0.45	3
40394	PNA2 200A gG	0.45	3
40395	PNA2 224A gG	0.45	3
40396	PNA2 250A gG	0.45	3
40397	PNA2 315A gG	0.45	3
40398	PNA2 350A gG	0.65	3
40399	PNA2 400A gG	0.65	3
▷ PNA3			
40356	PNA3 200A gG	0.65	3
40357	PNA3 224A gG	0.64	3
40358	PNA3 250A gG	0.65	3
40359	PNA3 315A gG	0.65	3
40360	PNA3 350A gG	0.65	3
40361	PNA3 400A gG	0.65	3
40362	PNA3 500A gG	1	3
40363	PNA3 630A gG	1	3
▷ PN4a			
34386	PN4a 630A gG	2.000	1
34387	PN4a 800A gG	2.000	1
34388	PN4a 1000A gG	2.000	1
34389	PN4a 1250A gG	2.000	1
34390	PN4a 1600A gG	2.000	1

Utilization category aM

▷ PNA000			
40491	PNA000 6A aM	0.13	3
40492	PNA000 10A aM	0.13	3
40494	PNA000 16A aM	0.13	3
40495	PNA000 20A aM	0.13	3
40496	PNA000 25A aM	0.13	3
40497	PNA000 32A aM	0.13	3
40498	PNA000 40A aM	0.13	3
40499	PNA000 50A aM	0.13	3
40500	PNA000 63A aM	0.13	3
40501	PNA000 80A aM	0.13	3
▷ PNA00			
40515	PNA00 100A aM	0.19	3
40516	PNA00 125A aM	0.19	3
40517	PNA00 160A aM	0.19	3
▷ PNA1			
40443	PNA1 40A aM	0.29	3
40444	PNA1 50A aM	0.29	3
40445	PNA1 63A aM	0.44	3
40446	PNA1 80A aM	0.44	3
40447	PNA1 100A aM	0.44	3
40448	PNA1 125A aM	0.44	3
40449	PNA1 160A aM	0.44	3
▷ PNA2			
40400	PNA2 125A aM	0.44	3
40401	PNA2 160A aM	0.44	3
40402	PNA2 200A aM	0.44	3
40403	PNA2 250A aM	0.44	3
40404	PNA2 315A aM	0.65	3
40405	PNA2 400A aM	0.65	3
▷ PNA3			
40364	PNA3 315A aM	0.65	3
40365	PNA3 400A aM	0.65	3
40366	PNA3 500A aM	1	3
40367	PNA3 630A aM	1	3

Cd/Pb-free

New



FUSE-LINKS PHNA

Type	PHNA000	PHNA00	PHNA1	PHNA2	PHNA3	PHN4a
U _n	690 V a.c./ 250 V d.c.	690 V a.c./ 250 V d.c.	690 V a.c./ 440 V d.c.	690 V a.c./ 440 V d.c.	690 V a.c./ 440 V d.c.	690 V a.c./ 250 V d.c.
I _n	6 ÷ 63 A	80 ÷ 100 A	50 ÷ 200 A	100 ÷ 315 A	250 ÷ 630 A	630 ÷ 1000A
Utilization category	gG	gG	gG	gG	gG	gG
Fuse-link size	000 (00C)	00	1	2	3	4a

Code	Type	Weight [kg]	Package [pcs]
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▷ **PHNA000**

40503	PHNA000 6A gG	0.14	3
40504	PHNA000 10A gG	0.14	3
40505	PHNA000 16A gG	0.14	3
40506	PHNA000 20A gG	0.14	3
40507	PHNA000 25A gG	0.14	3
40508	PHNA000 32A gG	0.14	3
40509	PHNA000 35A gG	0.14	3
40510	PHNA000 40A gG	0.14	3
40511	PHNA000 50A gG	0.14	3
40512	PHNA000 63A gG	0.14	3

Code	Type	Weight [kg]	Package [pcs]
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▷ **PHNA00**

40518	PHNA00 80A gG	0.2	3
40519	PHNA00 100A gG	0.2	3

Code	Type	Weight [kg]	Package [pcs]
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▷ **PHNA1**

40450	PHNA1 50A gG	3	3
40451	PHNA1 63A gG	3	3
40452	PHNA1 80A gG	3	3
40453	PHNA1 100A gG	0.29	3
40454	PHNA1 125A gG	0.29	3
40455	PHNA1 160A gG	0.29	3
40456	PHNA1 200A gG	0.43	3

▷ **PHNA2**

40406	PHNA2 100A gG	0.43	3
40407	PHNA2 125A gG	0.43	3
40408	PHNA2 160A gG	0.43	3
40409	PHNA2 200A gG	0.43	3
40410	PHNA2 224A gG	0.66	3
40411	PHNA2 250A gG	0.68	3
40412	PHNA2 315A gG	0.68	3

▷ **PHNA3**

40368	PHNA3 250A gG	0.66	3
40369	PHNA3 315A gG	0.66	3
40370	PHNA3 350A gG	1	3
40371	PHNA3 400A gG	1	3
40372	PHNA3 500A gG	1	3

▷ **PHN4a**

34391	PHN4a 630A gG	2.000	1
34392	PHN4a 800A gG	2.000	1
34393	PHN4a 1000A gG	2.000	1

DISCONNECTING LINKS

Typ	ZP000	ZP1	ZP2	ZP3	ZP3/1000	TM4a/1250A	TM4a/1600A
I _n	160 A	250 A	400 A	630 A	1000 A	1250 A	1600 A
Size	000, 00	1	2	3	3	4a	4a

Code	Type	Weight [kg]	Package [pcs]
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ZP/TM4a

6401	ZP000	0.089	3
6402	ZP1	0.170	3
6403	ZP2	0.218	3
6404	ZP3	0.290	3
10442	ZP3/1000	0.350	3
10446	TM4a/1250A	1.585	1
14801	TM4a/1600A	1.605	1

SIGNAL CONTACTS for remote signalling of fuse state

Code	Type	Description	Weight [kg]	Package [pcs]
6528	VL50	for fuses with blade contacts and for fuses for semiconductor protection P5.R06, P5.T06, P5.U06, P5.V06	0.015	1
18620	VL41F	for fuses for semiconductor protection P4.U10, P5.U10, P5.V16 and set S-P50U06	0.02	1

REPLACEMENT HANDLES

Code	Type	Description	Weight [kg]	Package [pcs]
6405	D1PH	with sides, for 1-pole, fuse-bases without barriers	0.52	1
7372	DP	according to IEC 60269, for 1-pole / 3-pole fuse-bases with barriers	0.2	1
7373	DPM	with protective sleeve to increase operational safety	0.52	1





FUSE-BASES SPB with plastic base

Type	SPB00	SPB1	SPB2	S3PB00	S3PB1	S3PB2
U_n	690 V a.c./d.c.	690 V a.c./d.c.	690 V a.c./d.c.	690 V a.c./d.c.	690 V a.c./d.c.	690 V a.c./d.c.
I_n	160 A	250 A	400 A	160 A	250 A	400 A
Number of poles	1	1	1	3	3	3
Size	00	1	2	00	1	2
Fuse-link size	000 (00C), 00	1, (0, 01)	2, (02)	000 (00C), 00	1, (0, 01)	2, (02)

1-pole design

Code	Type	Description	Weight [kg]	Package [pcs]
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SPB00

11853	SPB00 SS	M8 - terminal screws installed	0.130	3
17231	SPB00 VV	terminals with V-shaped terminals (without clamp)	0.130	3
11855	SPB00 SV	combination: M8 - terminal screw and V-shaped terminal	0.130	3

SPB1

10462	SPB1 SS	M10 - terminal screws installed	0.360	3
9409	SPB1 WW	terminals with V-shaped terminals (without clamp)	0.360	3
10463	SPB1 SW	combination: M10 - terminal screw and V-shaped terminal	0.360	3

SPB2

10464	SPB2 SS	M10 - terminal screws installed	0.420	3
9412	SPB2 WW	terminals with V-shaped terminals (without clamp)	0.420	3
10465	SPB2 SW	combination: M10 - terminal screw and V-shaped terminal	0.420	3

3-pole design

S3PB00

11859	S3PB00 SS	M8 - terminal screws installed	0.500	1
11861	S3PB00 VV	terminals with V-shaped terminals (without clamp)	0.500	1
11862	S3PB00 SV	combination: M8 - terminal screw and V-shaped terminal	0.500	1

S3PB1

7358	S3PB1 SS	M10 - terminal screws installed	1.200	1
7361	S3PB1 WW	terminals with V-shaped terminals (without clamp)	1.200	1
7362	S3PB1 SW	combination: M10 - terminal screw and V-shaped terminal	1.200	1

S3PB2

7365	S3PB2 SS	M10 - terminal screws installed	1.4	1
7368	S3PB2 WW	terminals with V-shaped terminals (without clamp)	1.4	1
7369	S3PB2 SW	combination: M10 - terminal screw and V-shaped terminal	1.4	1

**FUSE-BASES SPF with steel base**

Type	SPF00	SPF1	SPF2	SPF3
U_n	690 V a.c./d.c.	690 V a.c./d.c.	690 V a.c./d.c.	690 V a.c./d.c.
I_n	160 A	250 A	400 A	630 A
Size	00	1	2	3
Fuse-link size	000 (00C), 00	1, (0, 01)	2, (02)	3, (03)

Code	Type	Description	Weight [kg]	Package [pcs]
SPF00				
11848	SPF00 --	terminals with pressed-on nuts, M8- screws attached	0.280	3

SPF1

7393	SPF1 SS	M10 - terminal screws installed	0.700	3
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SPF2

7401	SPF2 SS	M10 - terminal screws installed	0.720	3
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SPF3

7408	SPF3 SS	M10 - terminal screws installed	0.870	3
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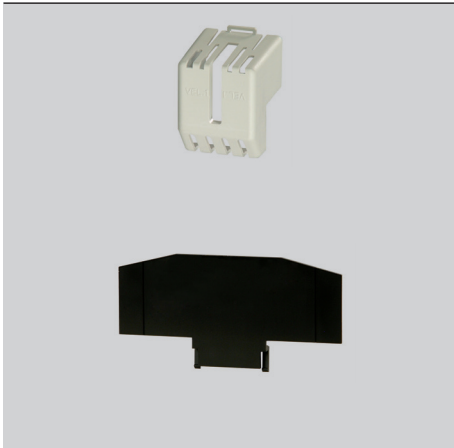
**NEUTRAL TERMINAL BRIDGES SNB, SNF**

Type	SNB00	SNF1	SNF2
U_n	690 V a.c./d.c.	690 V a.c./d.c.	690 V a.c./d.c.
I_n	160 A	250 A	400 A
Branching terminals	1xM5	2xM5	2xM5
Main connection cross-section	2.5 ÷ 70 mm ²	25 ÷ 185 mm ²	95 ÷ 240 mm ²

Code	Type	Description	Weight [kg]	Package [pcs]
SNB00 - Plastic base				
7412	SNB00 MM	combination: pressing-in nut M8 and pressing-in nut M8, screws screwed on	0.140	3

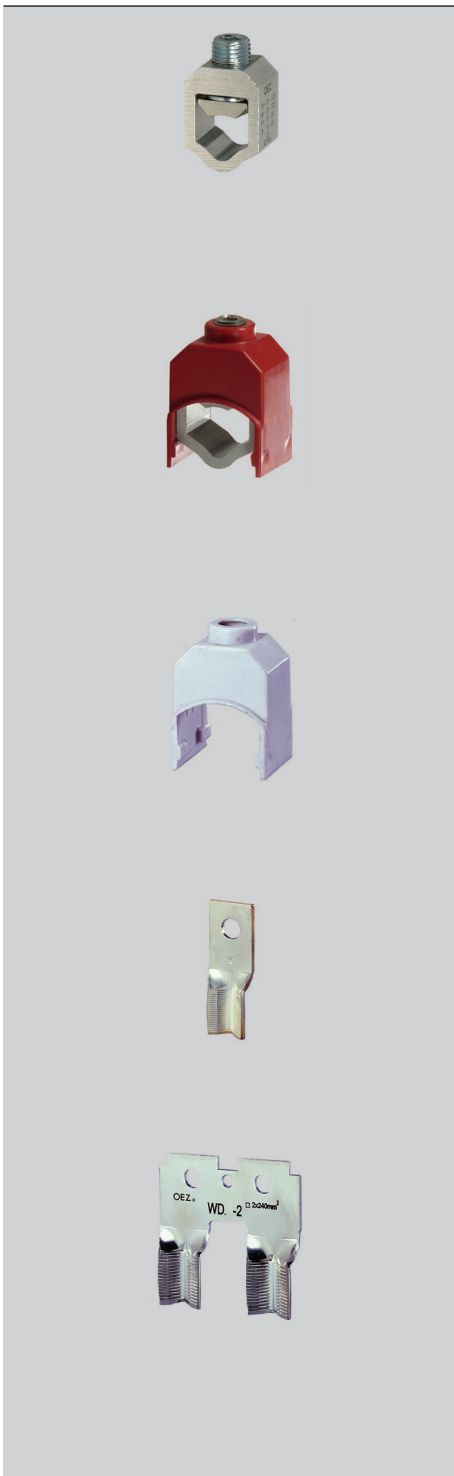
SNF - Steel base

10406	SNF1	without terminal screws M10	0.590	3
10407	SNF2	without terminal screws M10	0.670	3



ACCESSORIES FOR FUSE-BASES

Code	Type	Description	Weight [kg]	Package [pcs]
7353	CS-SP-3P	clip terminals for 2x (1 ÷ 50 mm ²) Cu/Al, set of 3 pcs	0.025	1
16862	CS-SP-3H	clip terminals for 2x (2.5 ÷ 50 mm ²) Cu/Al, set of 3 pcs	0.010	1
10418	PK-SPB00/168	end barrier for SPB00	0.034	1
9600	PK-S3PB00/168	end barrier for S3PB00	0.035	1
9601	PK-S3PB1/230	end barrier for S3PB1	0.550	1
7370	PK-S3PB2/230	end barrier for S3PB2	0.070	1
7892	K00	contact cover for SPB00, SPF00, S3PB00, 2 pcs	0.012	1
7364	K1	contact cover for SPB1, SPF1, S3PB1, 2 pcs	0.019	1
7371	K2	contact cover for SPB2, SPF2, S3PB2, 2 pcs	0.025	1



V-SHAPED, COVERS AND TRANSITIONAL TERMINALS

V-shaped, covers

Type	Conductor cross-section S [mm ²] Cu/Al				Torque [Nm]
	sector stranded sm	sector solid se	round stranded rm	round solid re	
4836 N-S	25 ÷ 120	25 ÷ 120	16 ÷ 95	16 ÷ 95	20
4835	35 ÷ 95	50 ÷ 120	10 ÷ 50	10 ÷ 50	12 ÷ 15
5845	35 ÷ 240	35 ÷ 300	16 ÷ 185	16 ÷ 240	25
5836 2x70	2x (25 ÷ 120)	2x (25 ÷ 120)	2x (16 ÷ 95)	2x (16 ÷ 95)	20
5837 2x240	2x (70 ÷ 240)	2x (95 ÷ 300)	2x (50 ÷ 120)	2x (70 ÷ 150)	30

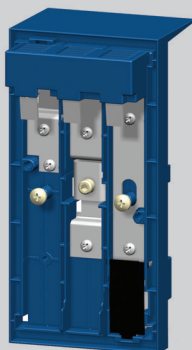
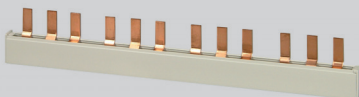
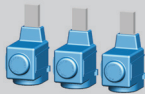
Code	Type	Weight [kg]	Package [pcs]
7383	4836 N-S	0.041	1
38778	4835	0.045	1
20479	5845	0.085	1
7382	5836 2x70	0.078	1
7386	5837 2x240	0.167	1

Code	Type	Description	Weight [kg]	Package [pcs]
21	4834 SK	insulation clamp cover for 5845	0.009	1

Code	Type	Weight [kg]	Package [pcs]
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Transitional terminals screw V-shaped terminal

7387	V8	0.030	15
13146	V10	0.030	15
7388	W10	0.042	12
7389	W12	0.042	12
8749	WD8-1	0.110	12
8750	WD10-1	0.110	12
8751	WD8-2	0.110	12
8752	WD10-2	0.120	12
8753	WD8-3	0.130	6
8754	WD10-3	0.160	12



FUSE SWITCH-DISCONNECTORS FOR FUSE-LINKS WITH BLADE CONTACTS

Type	FH000	FH00	FH1	FH2	FH3	LTL4a	
I_e	160 A	160 A	250 A	400 A	630 A	1250 A 1600 A	
U_e	690 V a.c./d.c.	690 V a.c./d.c.	690 V a.c./d.c.	690 V a.c./d.c.	690 V a.c./d.c.	690 V a.c./d.c. 690 V a.c./d.c.	
Thermal current with disconnecting link	240 A	250 A	325 A	520 A	750 A	1250 A 1600 A	
Utilization category	400 V a.c.	AC-23B	AC-23B	AC-23B	-	-	AC-21B
	500 V a.c.	AC-22B	AC-22B	-	AC-23B	AC-23B	AC-22B AC-21B
	690 V a.c.	AC-21B	AC-22B	AC-22B	AC-22B	AC-22B	AC-21B -
	250 V d.c.	DC-22B	DC-22B	-	-	-	-
	440 V d.c.	DC-20B	-	DC-21B	DC-21B	DC-21B	-
Fuse-link size	000 (00C)	000 (00C), 00	1	2	3	4a 4a	

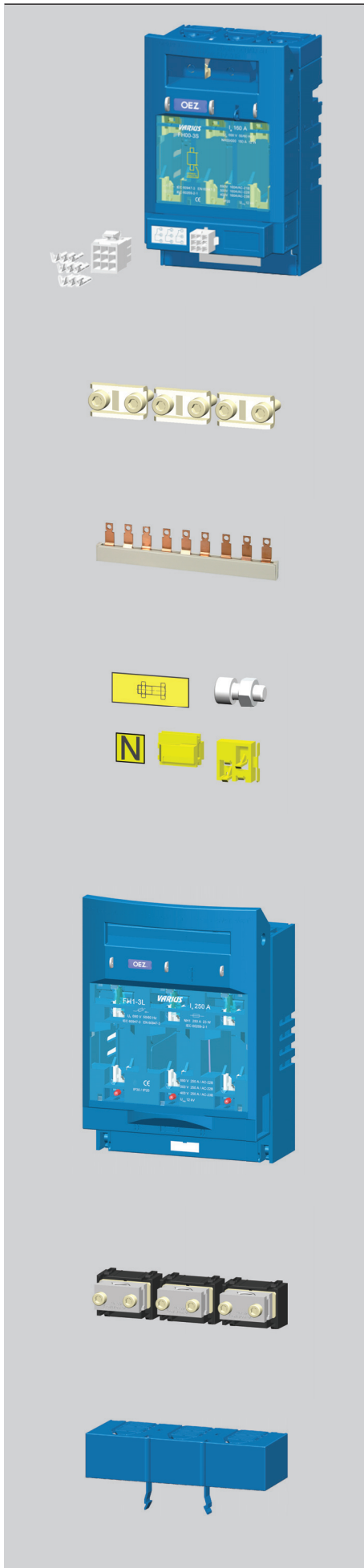
Code	Type	Description	Weight [kg]	Package [pcs]
FH000				
11899	FH000-1A/T	1-pole design, clamp terminals 1.5 ÷ 50 mm ²	0.620	1
14000	FH000-1S/T	1-pole design with signalling of fuse state, clamp terminals 1.5 ÷ 50 mm ²	0.620	1
13696	FH000-1A/N	1-pole design with adapters up to 95 mm ²	0.356	1
13697	FH000-1S/N	1-pole design with signalling of fuse state, with adapters up to 95 mm ²	0.391	1
12362	FH000-3A/T	3-pole design, clamp terminals 1.5 ÷ 50 mm ²	0.614	1
11901	FH000-3S/T	3-pole design with signalling of fuse state, clamp terminals 1.5 ÷ 50 mm ²	0.722	1
13695	FH000-3SB/T	3-pole design with signalling of fuse state, connector without cable, clamp terminals 1.5 ÷ 50 mm ²	0.658	1
13698	FH000-3A/N	3-pole design with adapters up to 95 mm ²	0.992	1
13699	FH000-3S/N	3-pole design with signalling of fuse state, with adapters up to 95 mm ²	1.090	1
20766	FH000-3L/T	3-pole design with light signalling of fuse state, clamp terminals 1.5 ÷ 50 mm ²	0.990	1

Connecting sets

14378	CS-FH000-1NP95	with straight terminal, cross-section Cu/Al 35 ÷ 95 mm ² , 1 pc, for FH000-1-/T	0.070	1
13740	CS-FH000-3NP95	with straight terminal, cross-section Cu/Al 35 ÷ 95 mm ² , set of 3 pcs, for FH000-3-/T	0.176	1
13742	CS-FH000-3NV95	with kick-up terminal, cross-section Cu/Al 35 ÷ 95 mm ² , set of 3 pcs, for FH000-3-/T	0.184	1
15589	CS-FH000-3ND95	with long terminal, cross-section Cu/Al 35 ÷ 95 mm ² , set of 3 pcs, for FH000-3-/T	0.184	1
14127	N3x10-FH000	with straight terminal, triple terminal, cross-section 3x 10 mm ² , set of 3 pcs	0.035	1
34315	CS-FH000-3L2	interconnecting busbar, I _{max} 250 A, 3-pole design, cross-section 50 mm ² , spacing 25 mm, number of outlets 3x2, for FH000	0.555	5
34316	CS-FH000-3L3	interconnecting busbar, I _{max} 250 A, 3-pole design, cross-section 50 mm ² , spacing 25 mm, number of outlets 3x3, for FH000	0.970	5
34317	CS-FH000-3L4	interconnecting busbar, I _{max} 250 A, 3-pole design, cross-section 50 mm ² , spacing 25 mm, number of outlets 3x4, for FH000	1.386	5
34318	CS-FH000-3L5	interconnecting busbar, I _{max} 250 A, 3-pole design, cross-section 50 mm ² , spacing 25 mm, number of outlets 3x5, for FH000	1.801	5

Accessories

18643	OD-FH000-AL60	adapter for busbar system, spacing 60 mm, busbar thickness 5 ÷ 12 mm	0.525	1
18652	OD-FH000-KPA	connecting space cover for adapter for OD-FH000-AL60	0.038	1
38427	VU-LSN	locking insert for LSE, LSN, ASN, FH000	0.004	1
14136	OD-FH000-SS24	assembly kit for assembly of 2-pole or 4-pole switch-disconnector	0.004	1
15185	OD-FH000-Z1	barrier, accidental contact protection for FH000-1	0.006	1
15186	OD-FH000-Z3	barrier, accidental contact protection for FH000-3	0.006	1
12928	OD-FH000-KR	front shield for FH000-3	0.018	1



Code	Type	Description	Weight [kg]	Package [pcs]
FH00				
18621	FH00-1A/F	1-pole design, M8 - inbus screws attached	0.270	1
18623	FH00-1S/F	1-pole design with signalling of fuse state, M8 - inbus screws attached	0.287	1
18622	FH00-3A/F	3-pole design, M8 - inbus screws attached	0.784	1
18624	FH00-3S/F	3-pole design with signalling of fuse state, M8 - inbus screws attached	0.712	1
18625	FH00-3SB/F	3-pole design with signalling of fuse state, connector without cable, M8 - inbus screws attached	0.825	1
20767	FH00-3L/F	3-pole design with light signalling of fuse state, M8 - inbus screws attached	0.790	1

Connecting sets

18626	CS-FH00-1S	clip terminal for FH00-1./F, connection of conductors Cu 2.5 ÷ 50 mm ² , 1 pc	0.018	1
18628	CS-FH00-1P1	prismatic clamp for FH00-1./F, connection of conductors Cu/Al 35 ÷ 70 mm ² , 1 pc	0.114	1
18627	CS-FH00-3S	clip terminals for FH00-3./F, connection of conductors Cu 2.5 ÷ 50 mm ² , set of 3 pcs	0.054	1
18629	CS-FH00-3P1	prismatic clamps for FH00-3./F, connection of conductors Cu/Al 35 ÷ 70 mm ² , set of 3 pcs	0.342	1
20764	CS-FH00-3N	for FH00-3./F, pressing-in nut M8, inbus screws attached, for two cable lugs, set of 3 pcs	0.051	1
20765	CS-FH00-3Z	terminals for rear connection for FH00-3, set of 3 pcs	0.077	1
34394	CS-FH00-3L2	interconnecting busbar, I _{max} 250 A, 3-pole design, cross-section 50 mm ² , spacing 33 mm, number of outlets 3x2, for FH00	0.900	5
34395	CS-FH00-3L3	interconnecting busbar, I _{max} 250 A, 3-pole design, cross-section 50 mm ² , spacing 33 mm, number of outlets 3x3, for FH00	1.601	5
34396	CS-FH00-3L4	interconnecting busbar, I _{max} 250 A, 3-pole design, cross-section 50 mm ² , spacing 33 mm, number of outlets 3x4, for FH00	2.303	5
34397	CS-FH00-3L5	interconnecting busbar, I _{max} 250 A, 3-pole design, cross-section 50 mm ² , spacing 33 mm, number of outlets 3x5, for FH00	3.005	5

Accessories

18630	OD-FH00-AL60	adapter for busbar system, spacing 60 mm, busbar thickness 5 ÷ 12 mm	0.513	1
18632	OD-FH00-KP1	connecting space cover for FH00-1./F	0.013	1
18633	OD-FH00-KP3	connecting space cover for FH00-3./F	0.070	1
18631	OD-FH00-SS24	assembly kit for assembly of 2-pole or 4-pole switch-disconnector	0.007	1
18634	OD-FH00-Z3	barrier, accidental contact protection for FH00-3	0.016	1
18635	OD-FH00-KR	front shield for FH00-3	0.026	1

FH1

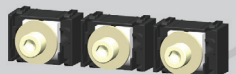
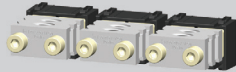
14362	FH1-1A/F	1-pole design, M10 - screws attached	1.164	1
14363	FH1-1S/F	1-pole design with signalling of fuse state, M10 - screws attached	1.120	1
14364	FH1-3A/F	3-pole design, M10 - screws attached	2.786	1
14365	FH1-3S/F	3-pole design with signalling of fuse state, M10 - screws attached	2.675	1
14367	FH1-3SB/F	3-pole design with signalling of fuse state, connector without cable, M10 - screws attached	2.670	1
20769	FH1-3L/F	3-pole design with light signalling of fuse state, M10 - screws attached	2.572	1

Connecting sets

15814	CS-FH12-1SM	clip terminal for FH1-1./F, FH2-1./F, connection of conductors Cu 6 ÷ 16 mm ² , 1 pc	0.066	1
15591	CS-FH12-1S	clip terminal for FH1-1./F, FH2-1./F, connection of conductors Cu 25 ÷ 150 mm ² , 1 pc	0.073	1
15592	CS-FH12-1P1	prismatic clamp for FH1-1./F, FH2-1./F, connection of conductors Cu/Al 70 ÷ 150 mm ² , 1 pc	0.133	1
15593	CS-FH12-1P2	double prismatic clamp for FH1-1./F, FH2-1./F, connection of conductors Cu/Al 2x (70 ÷ 95 mm ²), 1 pc	0.193	1
15815	CS-FH12-3SM	clip terminals for FH1-3./F, FH2-3./F, connection of conductors Cu 6 ÷ 16 mm ² , set of 3 pcs	0.200	1
18226	CS-FH12-3S	clip terminals for FH1-3./F, FH2-3./F, connection of conductors Cu 25 ÷ 150 mm ² , set of 3 pcs	0.229	1
18227	CS-FH12-3P1	prismatic clamps for FH1-3./F, FH2-3./F, connection of conductors Cu/Al 70 ÷ 150 mm ² , set of 3 pcs	0.400	1
18228	CS-FH12-3P2	double prismatic clamps for FH1-3./F, FH2-3./F, connection of conductors Cu/Al 2x (70 ÷ 95 mm ²), set of 3 pcs	0.580	1

Accessories

17270	OD-FH1-AL60	adapter for busbar system, spacing 60 mm, busbar thickness 5 ÷ 12 mm	1.100	1
17269	OD-FH1-KP1	connecting space cover for FH1-1	0.038	1
17268	OD-FH1-KP3	connecting space cover for FH1-3	0.145	1
17271	OD-FH1-Z3	barrier, accidental contact protection for FH1-3	0.045	1
17267	OD-FH1-KR	front shield for FH1-3	0.036	1



Code	Type	Description	Weight [kg]	Package [pcs]
FH2				
14369	FH2-1A/F	1-pole design, M10 - screws attached	1.280	1
14371	FH2-1S/F	1-pole design with signalling of fuse state, M10 - screws attached	1.292	1
35390	FH2-1A/LF	1-pole design with direct connection to bus	1.300	1
14368	FH2-3A/F	3-pole design, M10 - screws attached	2.980	1
14370	FH2-3S/F	3-pole design with signalling of fuse state, M10 - screws attached	2.995	1
14372	FH2-3SB/F	3-pole design with signalling of fuse state, connector without cable, M10 - screws attached	3.532	1
20770	FH2-3L/F	3-pole design with light signalling of fuse state, M10 - screws attached	3.332	1

Connecting sets

15814	CS-FH12-1SM	clip terminal for FH1-1./F, FH2-1./F, connection of conductors Cu 6 ÷ 16 mm ² , 1 pc	0.066	1
15595	CS-FH2-1S	clip terminal for FH2-1./F, connection of conductors 25 ÷ 240 mm ² , 1 pc	0.080	1
15591	CS-FH12-1S	clip terminal for FH1-1./F, FH2-1./F, connection of conductors Cu 25 ÷ 150 mm ² , 1 pc	0.073	1
15596	CS-FH2-1P1	prismatic clamp for FH2-1./F, connection of conductors Cu/Al 16 ÷ 240 mm ² , 1 pc	0.140	1
15592	CS-FH12-1P1	prismatic clamp for FH1-1./F, FH2-1./F, connection of conductors Cu/Al 70 ÷ 150 mm ² , 1 pc	0.133	1
15597	CS-FH2-1P2	double prismatic clamp for FH2-1./F, connection of conductors Cu/Al 2x (120 ÷ 150 mm ²), 1 pc	0.200	1
15593	CS-FH12-1P2	double prismatic clamp for FH1-1./F, FH2-1./F, connection of conductors Cu/Al 2x (70 ÷ 95 mm ²), 1 pc	0.193	1
15815	CS-FH12-3SM	clip terminals for FH1-3./F, FH2-3./F, connection of conductors Cu 6 ÷ 16 mm ² , set of 3 pcs	0.200	1
15811	CS-FH2-3S	clip terminals for FH2-3./F, connection of conductors Cu 25 ÷ 240 mm ² , set of 3 pcs	0.240	1
18226	CS-FH12-3S	clip terminals for FH1-3./F, FH2-3./F, connection of conductors Cu 25 ÷ 150 mm ² , set of 3 pcs	0.229	1
15812	CS-FH2-3P1	prismatic clamps for FH2-3./F, connection of conductors Cu/Al 16 ÷ 240 mm ² , set of 3 pcs	0.420	1
18227	CS-FH12-3P1	prismatic clamps for FH1-3./F, FH2-3./F, connection of conductors Cu/Al 70 ÷ 150 mm ² , set of 3 pcs	0.400	1
15813	CS-FH2-3P2	double prismatic clamps for FH2-3./F, connection of conductors Cu/Al 2x (120 ÷ 150 mm ²), set of 3 pcs	0.600	1
18228	CS-FH12-3P2	double prismatic clamps for FH1-3./F, FH2-3./F, connection of conductors Cu/Al 2x (70 ÷ 95 mm ²), set of 3 pcs	0.580	1

Accessories

14382	OD-FH2-AL60	adapter for busbar system, spacing 60 mm, busbar thickness 5 ÷ 12 mm	1.350	1
14381	OD-FH2-KP1	connecting space cover for FH2-1	0.052	1
14380	OD-FH2-KP3	connecting space cover for FH2-3	0.158	1
14383	OD-FH2-Z3	barrier, accidental contact protection for FH2-3	0.045	1
14379	OD-FH2-KR	front shield for FH2-3	0.036	1

FH3

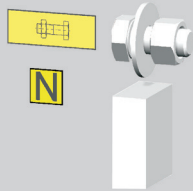
14374	FH3-1A/F	1-pole design, M12 - screws attached	1.710	1
14376	FH3-1S/F	1-pole design with signalling of fuse state, M12 - screws attached	1.722	1
14373	FH3-3A/F	3-pole design, M12 - screws attached	4.992	1
14375	FH3-3S/F	3-pole design with signalling of fuse state, M12 - screws attached	4.295	1
14377	FH3-3SB/F	3-pole design with signalling of fuse state, connector without cable, M12 - screws attached	5.018	1
20771	FH3-3L/F	3-pole design with light signalling of fuse state, M12 - screws attached	4.455	1

Connecting sets

15800	CS-FH3-1P1	prismatic clamp for FH3-1./F, connection of conductors Cu/Al 120 ÷ 300 mm ² , 1 pc	0.145	1
15801	CS-FH3-1P2	double prismatic clamp for FH3-1./F, connection of conductors Cu/Al 2x (120 ÷ 240 mm ²), 1 pc	0.205	1
14384	CS-FH3-3P1	prismatic clamps for FH3-3./F, connection of conductors Cu/Al 120 ÷ 300 mm ² , set of 3 pcs	0.435	1
14385	CS-FH3-3P2	double prismatic clamps for FH3-3./F, connection of conductors Cu/Al 2x (120 ÷ 240 mm ²), set of 3 pcs	0.615	1

Accessories

19557	OD-FH3-AL60	adapter for busbar system, spacing 60 mm, busbar thickness 5 ÷ 12 mm	1.600	1
14388	OD-FH3-KP1	connecting space cover for FH3-1	0.075	1
14387	OD-FH3-KP3	connecting space cover for FH3-3	0.210	1
14390	OD-FH3-Z3	barrier, accidental contact protection for FH3-3	0.040	1
14386	OD-FH3-KR	front shield for FH3-3	0.036	1



Code	Type	Description	Weight [kg]	Package [pcs]
COMMON ACCESSORIES OF FUSE SWITCH-DISCONNECTORS 000, 00, 1, 2, 3				
12929	OD-FH-5K	remote signalling of cover position, make-and-break contact, cable length 1 m	0.031	1
15594	CS-FH123-1Z	connecting set, terminal for rear connection for 1-pole switch-disconnector FH1, FH2, FH3	0.173	1
18229	CS-FH123-3Z	connecting set, terminal for rear connection for 3-pole switch-disconnector FH1, FH2, FH3, set of 3 pcs	0.520	1
18230	OD-FH123-VU	locking insert for padlock for FH1, FH2, FH3	0.006	1
17266	OD-FH123-SS24	assembly kit for assembly of 2-pole or 4-pole switch-disconnector for FH1, FH2, FH3	0.049	1

SPARE PARTS FOR FUSE SWITCH-DISCONNECTORS 000, 00, 1, 2, 3

33720	ND-FH000-V1	1-pole cover without signalings of fuse state, size 000	0.075	1
33719	ND-FH000-V3	3-pole cover without signalings of fuse state, size 000	0.182	1
14135	ND-FH000-VS1	1-pole cover with signalling of fuse state, includes a cable with connector	0.112	1
14134	ND-FH000-VS3	3-pole cover with signalling of fuse state, includes a cable with connector	0.28	1
33509	ND-FH000-VL3	3-pole cover with light signalling of fuse state, size 000	0.32	1
33722	ND-FH00-V1	1-pole cover without signalings of fuse state, size 00	0.083	1
33721	ND-FH00-V3	3-pole cover without signalings of fuse state, size 00	0.203	1
18680	ND-FH00-VS1	1-pole cover with signalling of fuse state, includes a cable with connector	0.1	1
18681	ND-FH00-VS3	3-pole cover with signalling of fuse state, includes a cable with connector	0.238	1
33510	ND-FH00-VL3	3-pole cover with light signalling of fuse state, size 00	0.279	1
33724	ND-FH1-V1	1-pole cover without signalings of fuse state, size 1	0.26	1
33723	ND-FH1-V3	3-pole cover without signalings of fuse state, size 1	0.614	1
18682	ND-FH1-VS1	1-pole cover with signalling of fuse state, includes a cable with connector	0.276	1
18683	ND-FH1-VS3	3-pole cover with signalling of fuse state, includes a cable with connector	0.649	1
33511	ND-FH1-VL3	3-pole cover with light signalling of fuse state, size 1	0.669	1
33726	ND-FH2-V1	1-pole cover without signalings of fuse state, size 2	0.291	1
33725	ND-FH2-V3	3-pole cover without signalings of fuse state, size 2	0.729	1
18684	ND-FH2-VS1	1-pole cover with signalling of fuse state, includes a cable with connector	0.307	1
18685	ND-FH2-VS3	3-pole cover with signalling of fuse state, includes a cable with connector	0.764	1
33512	ND-FH2-VL3	3-pole cover with light signalling of fuse state, size 2	0.805	1
33728	ND-FH3-V1	1-pole cover without signalings of fuse state, size 3	0.342	1
33727	ND-FH3-V3	3-pole cover without signalings of fuse state, size 3	1.18	1
18686	ND-FH3-VS1	1-pole cover with signalling of fuse state, includes a cable with connector	0.358	1
18687	ND-FH3-VS3	3-pole cover with signalling of fuse state, includes a cable with connector	0.967	1
33513	ND-FH3-VL3	3-pole cover with light signalling of fuse state, size 3	1.007	1
33519	ND-FH-SZ10	connector for 1-pole switch-disconnector with remote signalling of fuse state, without cable, with 3 pins	0.028	1
33520	ND-FH-SZ13	connector for 1-pole switch-disconnector with remote signalling of fuse state, 3-stranded cable	0.045	1
33521	ND-FH-SZ30	connector for 3-pole switch-disconnector with remote signalling of fuse state, without cable, with 9 pins	0.038	1
33522	ND-FH-SZ39	connector for 3-pole switch-disconnector with remote signalling of fuse state, 9-stranded cable	0.055	1

LTL4a

8213	LTL4a-1x9/1250	1-pole design, screw 1xM16	5.500	1
14806	LTL4a-1x9/1600	1-pole design, screw 2xM12	5.700	1
8211	LTL4a-3x9/1250	3-pole design, 1-pole control, screw 1xM16	16.100	1
8714	LTL4a-3x9/1600	3-pole design, 1-pole control, screw 2xM12	16.700	1
7886	LTL4a-3x3/9/1250	3-pole design, 3-pole control, screw 1xM16	16.500	1
8212	LTL4a-3x3/9/1600	3-pole design, 3-pole control, screw 2xM12	16.700	1

Accessories

10423	EMV-LTL4a	remote signalling of cover position for 1-pole design	0.009	1
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FUSE SWITCH-DISCONNECTORS - VERTICAL DESIGN FOR FUSE-LINKS WITH BLADE CONTACTS

Type	FD00	FD1	FD2	FD3	SL3
I_e	160 A	250 A	400 A	630 A	910 A
U_e	690 V a.c./d.c.	690 V a.c./d.c.	690 V a.c./d.c.	690 V a.c./d.c.	690 V a.c./d.c.
Thermal current with disconnecting link	250 A	400 A	560 A	800 A (1000 A - ZP3/1000)	-
Utilization category	400 V a.c. 690 V a.c.	AC-23B AC-22B	AC-23B AC-22B	AC-23B AC-22B	AC-22B -
Fuse-link size	000 (00C). 00	1	2	3	3
Busbar spacing	100 mm (-K) /185 mm (-D)	185 mm	185 mm	185 mm	185 mm

Code	Type	Description	Weight [kg]	Package [pcs]
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1-pole control

36151	FD00-31D/F	connecting screws M8	1.570	1
36152	FD00-31D/FC	connecting screws M8, connecting space cover	1.600	1
36154	FD00-31D/FC-M1	connecting screws M8, connecting space cover, measuring transformers, class of accuracy 1	2.000	1
36153	FD00-31D/FC-M05	connecting screws M8, connecting space cover, measuring transformers, class of accuracy 0.5	2.000	1
36155	FD00-31D/FC-M05C	connecting screws M8, connecting space cover, calibrated measuring transformers, class of accuracy 0.5	2.000	1
38029	FD00-31D/FC-RM1	connecting screws M8, connecting space cover, measuring transformers, class of accuracy 1	1.800	1
11220	FD1-31/LM	connecting screws M10	5.500	1
20628	FD1-31/LM-Z	connecting screws M10, plug-in handles	5.480	1
11221	FD1-31/LW	terminals with V-shaped terminals	5.754	1
20629	FD1-31/LW-Z	terminals with V-shaped terminals, plug-in handles	5.380	1
11226	FD2-31/LM	connecting screws M12	5.500	1
20631	FD2-31/LM-Z	connecting screws M12, plug-in handles	5.490	1
11227	FD2-31/LW	terminals with V-shaped terminals	5.764	1
20632	FD2-31/LW-Z	terminals with V-shaped terminals, plug-in handles	4.610	1
11232	FD3-31/LM	connecting screws M12	6.000	1
11237	FD3-31/LW	terminals with V-shaped terminals	6.000	1
275	SL3-3x/910/HA	connecting screws M12	13.000	1

3-pole control

36146	FD00-33K/F	connecting screws M8	1.130	1
36147	FD00-33K/FC	connecting screws M8, connecting space cover	1.160	1
36149	FD00-33K/FC-M1	connecting screws M8, connecting space cover, measuring transformers, class of accuracy 1	1.560	1
36148	FD00-33K/FC-M05	connecting screws M8, connecting space cover, measuring transformers, class of accuracy 0.5	1.560	1
36150	FD00-33K/FC-M05C	connecting screws M8, connecting space cover, calibrated measuring transformers, class of accuracy 0.5	1.650	1
38026	FD00-33K/FC-RM1	connecting screws M8, connecting space cover, measuring transformers, class of accuracy 1	1.612	1
36156	FD00-33D/F	connecting screws M8	1.610	1
36157	FD00-33D/FC	connecting screws M8, connecting space cover	1.640	1
36158	FD00-33D/FC-M05	connecting screws M8, connecting space cover, measuring transformers, class of accuracy 0.5	2.040	1
36159	FD00-33D/FC-M1	connecting screws M8, connecting space cover, measuring transformers, class of accuracy 1	2.040	1
36160	FD00-33D/FC-M05C	connecting screws M8, connecting space cover, calibrated measuring transformers, class of accuracy 0.5	2.040	1
38032	FD00-33D/FC-RM1	connecting screws M8, connecting space cover, measuring transformers, class of accuracy 1	2.052	1
11223	FD1-33/LM	connecting screws M10	5.968	1
11224	FD1-33/LW	terminals with V-shaped terminals	5.898	1
11229	FD2-33/LM	connecting screws M12	6.024	1
11230	FD2-33/LW	terminals with V-shaped terminals	5.888	1
11239	FD3-33/LM	connecting screws M12	6.388	1
11240	FD3-33/LW	terminals with V-shaped terminals	6.000	1
276	SL3-3x3/910/HA	connecting screws M12	13.000	1



Code	Type	Description	Weight [kg]	Package [pcs]
Fuse switch-disconnectors – 1-pole controlled				
11222	FD1-31/LL	direct connection to busbars, without terminal screw	5.500	1
20630	FD1-31/LL-Z	direct connection to busbars, without terminal screw, plug-in handles	4.600	1
11228	FD2-31/LL	direct connection to busbars, without terminal screw	5.500	1
20633	FD2-31/LL-Z	direct connection to busbars, without terminal screw, plug-in handles	4.610	1
11238	FD3-31/LL	direct connection to busbars, without terminal screw	6.000	1

Code	Type	Description	Weight [kg]	Package [pcs]
Fuse switch-disconnectors – 3-pole controlled				
11225	FD1-33/LL	direct connection to busbars, without terminal screw	5.500	1
11231	FD2-33/LL	direct connection to busbars, without terminal screw	5.500	1
11241	FD3-33/LL	direct connection to busbars, without terminal screw	6.000	1

Code	Type	Description	Weight [kg]	Package [pcs]
Connecting sets				
36169	CS-F00-3H	connecting set, connecting hooks, for FD00, set of 3 pcs	0.105	1
36664	CS-F00-3S	connecting set, clip terminals, for FD00, set of 3 pcs	0.050	1
36665	CS-F00-3P1	connecting set, prismatic clamps, for FD00, set of 3 pcs	0.104	1

Code	Type	Description	Weight [kg]	Package [pcs]
Accessories				
36174	OD-F00-KA	adapter for busbar system for FD00-33K/...	0.650	1
36175	OD-F00-DA	adapter for busbar system for FD00-3.D/...	0.686	1
12929	OD-FH-SK	remote signalling of cover position, make-and-break contact, cable length 1 m	0.031	1
36170	OD-FD00-KPK	connecting space cover for FD00-33K/...	0.031	1
36171	OD-F00-KPD	connecting space cover for FD00-3.D/...	0.037	1
36172	OD-FD00-VK	compensation cover for FD00-33K/...	0.097	1
36173	OD-F00-DK	extension cover for FD00, it extends the cover of the connecting space by 80 mm	0.041	1
36177	OD-FD00-TL	lever of 3-pole control for FD00-33D/...	0.045	1
36179	OD-FD00-KMK	free place cover for FD00-33K/...	0.100	1
36180	OD-FD00-KMD	free place cover for FD00-3.D/...	0.123	1
11274	NK-FD123	remote signalling of fuse state	0.063	1
11273	SK-FD123	remote signalling of cover position	0.002	1
11272	TL-FD123	lever of 3-pole control	0.120	1
▷ 40854	KPT-F123	connecting space cover transparent	0.145	1
11275	VP-FD12	cover for parallel outlet	0.17	1
39328	VP-FD3	cover for parallel outlet	0.17	1
11276	VZ-FD12	cable outlet earthing cover	0.415	1
39327	VZ-FD3	cable outlet earthing cover	0.415	1
11277	KM-F123	free place cover	0.230	1
11278	CM-F123	free place cover clip	0.006	1
14901	WD-FD	connecting set direct connection of parallel conductors 2x240 mm ²	0.720	1

FUSE-RAILS FOR FUSE-LINKS WITH BLADE CONTACTS

Type	FR00	FR1	FR2	FR3
I_e	160 A	250 A	400 A	630 A
U_e	690 V a.c./d.c.	690 V a.c./d.c.	690 V a.c./d.c.	690 V a.c./d.c.
Thermal current with disconnecting link	210 A	400 A	560 A	800 A (1000A - ZP3/1000)
Fuse-link size	000 (00C), 00	1	2	3
Width	50 mm	100 mm	100 mm	100 mm
Busbar spacing	185 mm	185 mm	185 mm	185 mm

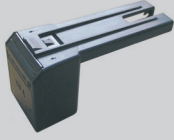
Code	Type	Description	Weight [kg]	Package [pcs]
FR				
36161	FR00-3D/F	connecting screws M8	1.240	1
36162	FR00-3D/FC	connecting screws M8, connecting space cover	1.280	1
36165	FR00-3D/FC-M1	connecting screws M8, connecting space cover, measuring transformers, class of accuracy 1	1.680	1
36164	FR00-3D/FC-M05	connecting screws M8, connecting space cover, measuring transformers, class of accuracy 0.5	1.680	1
36166	FR00-3D/FC-M05C	connecting screws M8, connecting space cover, calibrated measuring transformers, class of accuracy 0.5	1.680	1
11211	FR1-3K/LM	connecting screws M10	3.620	1
11212	FR1-3K/LW	terminals with V-shaped terminals	3.520	1
11214	FR2-3K/LM	connecting screws M12	3.630	1
11215	FR2-3K/LW	terminals with V-shaped terminals	3.530	1
11217	FR3-3K/LM	connecting screws M12	4.060	1
11218	FR3-3K/LW	terminals with V-shaped terminals	4.114	1
38035	FR00-3D/FC-RM1	connecting screws M8, connecting space cover, measuring transformers, class of accuracy 1	1.84	1

Code	Type	Description	Weight [kg]	Package [pcs]
Fuse switch-disconnectors for busbar systems				
11213	FR1-3K/LL	direct connection to busbars, without terminal screw	2.740	1
11216	FR2-3K/LL	direct connection to busbars, without terminal screw	2.750	1
11219	FR3-3K/LL	direct connection to busbars, without terminal screw	2.840	1

Code	Type	Description	Weight [kg]	Package [pcs]
Connecting sets				
36169	CS-F00-3H	connecting set, connecting hooks, for FR00, set of 3 pcs	0.105	1
36664	CS-F00-3S	connecting set, clip terminals, for FR00, set of 3 pcs	0.050	1
36665	CS-F00-3P1	connecting set, prismatic clamps, for FR00, set of 3 pcs	0.104	1

Code	Type	Description	Weight [kg]	Package [pcs]
Accessories				
36175	OD-F00-DA	adapter for busbar system for FR00	0.686	1
36171	OD-F00-KPD	connecting space covers for FR00	0.037	1
36173	OD-F00-DK	extension cover for FR00	0.041	1
36178	OD-FR00-K	fuse covers for FR00-3D/..., it extends the cover of the connecting space by 80 mm	0.024	1
40854	KPT-F123	connecting space cover transparent, for FR1,2,3	0.145	1
11277	KM-F123	free place cover for FR1,2,3	0.230	1
11278	CM-F123	free place cover clip for FR1,2,3	0.006	1
11270	NL-FD123/31	switch-disconnector superstructure, 1-pole design, for FR1,2,3	2.100	1
11271	NL-FD123/33	switch-disconnector superstructure, 3-pole design, for FR1,2,3	2.225	1
14901	WD-FD	connecting set direct connection of parallel conductors 2x240 mm ²	0.720	1





FUSE ADAPTERS FOR PARALLEL OUTLET

Type	HP-SE/K	HP-SE/L
I_n	100 A	100 A

Code	Type	Description	Weight [kg]	Package [pcs]
11810	HP-SE/K	adapter for parallel outlet for FR1,2,3; SPB1,2; S3PB1,2; SPF1,2,3	0.285	1
11811	HP-SE/L	adapter for parallel outlet for FD1,2,3	0.325	1
9061	HP-KS	cable terminal for HP-SE	0.165	1

MEASURING ADAPTER FOR FD VERTICAL FUSE SWITCH-DISCONNECTORS AND FR FUSE-RAILS

Type	MA15-FD123-250/5/1	MA15-FD123-400/5/1	MA15-FD123-600/5/1	MA10-FD123-250/5/0,5	MA10-FD123-400/5/0,5	MA10-FD123-600/5/0,5	MA10-FD123-250/5/0,5C	MA10-FD123-400/5/0,5C	MA10-FD123-600/5/0,5C
Power output [VA]	15	15	15	10	10	10	10	10	10
Transformer ratio	250/5	400/5	600/5	250/5	400/5	600/5	250/5	400/5	600/5
Class of accuracy	1	1	1	0.5	0.5	0.5	0.5	0.5	0.5

Code	Type	Description	Weight [kg]	Package [pcs]
MA				
18637	MA15-FD123-250/5/1	not calibrated transformers	1.620	1
18639	MA15-FD123-400/5/1	not calibrated transformers	1.558	1
18641	MA15-FD123-600/5/1	not calibrated transformers	1.620	1
18636	MA10-FD123-250/5/0,5	not calibrated transformers	1.620	1
18638	MA10-FD123-400/5/0,5	not calibrated transformers	1.620	1
18640	MA10-FD123-600/5/0,5	not calibrated transformers	1.620	1
20366	MA10-FD123-250/5/0,5C	calibrated transformers	1.620	1
20367	MA10-FD123-400/5/0,5C	calibrated transformers	1.620	1
20368	MA10-FD123-600/5/0,5C	calibrated transformers	1.620	1

Accessories

20369	OD-MA-3DV22	spacer for mounting of transformers, set of 3 pcs	0.096	1
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Cd/Pb-free

FUSE-LINKS FOR SEMICONDUCTOR PROTECTION FOR VOLTAGE UP TO 690 V a.c. (cylindrical)

Type	PV510	PF10	PV514	PV522
U_n	690 V a.c. 440 V d.c. for 6 ÷ 16 A 250 V d.c. for 20 ÷ 32 A	900 V d.c. 900 V d.c. for 4 ÷ 20 A	690 V a.c. 700 V d.c. for 6 ÷ 12 A 600 V d.c. for 16 ÷ 32 A 440 V d.c. for 40 A 250 V d.c. for 50 ÷ 63 A	690 V a.c. 700 V d.c. for 25 A 600 V d.c. for 32 A 440 V d.c. for 40 A 250 V d.c. for 50 ÷ 125 A
I_n	6 ÷ 32 A	4 ÷ 20 A	6 ÷ 63 A	25 ÷ 125 A
Utilization category	gR	gR	gR, aR	gR, aR
Fuse-link size	10x38	10x38	14x51	22x58

Code	Type	Weight [kg]	Package [pcs]
PV510			
15200	PV510 6A gR	0,010	20
15202	PV510 10A gR	0,010	20
15203	PV510 12A gR	0,010	20
15204	PV510 16A gR	0,010	20
15205	PV510 20A gR	0,010	20
15206	PV510 25A gR	0,010	20
15207	PV510 32A gR	0,010	20

Code	Type	Weight [kg]	Package [pcs]
PF10			
38696	PF10 4A gR	0,01	20
38697	PF10 6A gR	0,01	20
38698	PF10 8A gR	0,01	20
38699	PF10 10A gR	0,01	20
38700	PF10 12A gR	0,01	20
38701	PF10 16A gR	0,01	20
38702	PF10 20A gR	0,01	20

Code	Type	Weight [kg]	Package [pcs]
PV514			
8660	PV514 6A gR	0,030	10
8670	PV514 10A gR	0,030	10
8664	PV514 16A gR	0,030	10
8665	PV514 20A gR	0,030	10
8666	PV514 25A gR	0,030	10
8667	PV514 32A gR	0,030	10
8669	PV514 40A gR	0,030	10
8661	PV514 50A gR	0,030	10
8662	PV514 63A aR	0,030	10

Code	Type	Weight [kg]	Package [pcs]
PV522			
13790	PV522 25A gR	0,060	10
13791	PV522 32A gR	0,060	10
13792	PV522 40A gR	0,060	10
13793	PV522 50A gR	0,060	10
13794	PV522 63A gR	0,060	10
13795	PV522 80A gR	0,060	10
13796	PV522 100A gR	0,060	10
13797	PV522 125A aR	0,060	10



Cd/Pb-free

FUSE-LINKS FOR TRACTION APPLICATIONS PT

Type	PT22
U_n	1500 V a.c./1000 V d.c.
I_n	1 ÷ 50 A
Utilization category	gR/gS, gR, aR
Fuse-link size	22x127

Code	Type	Weight [kg]	Package [pcs]
PT22			
8601	PT22 1A gR/gS	0.096	5
8598	PT22 2A gR/gS	0.096	5
8342	PT22 4A gR/gS	0.096	5
8341	PT22 6A gR/gS	0.096	5
8340	PT22 10A gR/gS	0.096	5
8339	PT22 16A gR/gS	0.096	5
8338	PT22 20A gR/gS	0.096	5
8668	PT22 25A gR/gS	0.096	5
8663	PT22 32A gR/gS	0.096	5
8337	PT22 40A gR	0.096	5
8343	PT22 50A aR	0.096	5





FUSE DISCONNECTOR FOR CYLINDRICAL FUSE-LINKS PF10

Type	OPF10
I_e	32 A
U_e	1000 V d.c.
Utilization category	1000 V d.c. AC-20B
Fuse-link size	10x38

Code	Type	Number of poles	Weight [kg]	Package [pcs]
OPF10				
37432	OPF10-1	1	0.092	12
38869	OPF10-2	2	0.186	6

Code	Typ	Description	Weight [kg]	Package [pcs]
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Accessories for OPF 10

39246	S-OPV10-1000	light indication, $U_e 220 \div 1000$ V d.c. / $230 \div 1000$ V a.c.	0.002	1
39080	G2L-1000-16-DC	interconnecting busbar, 2-pole design, cross-section 16 mm ² , spacing 17.8 mm, number of outlets 2x28, forks	0.467	20
37384	EKC-2+3	end cap, for for 2-pole rails and for 3-pole rails with cross-sections 16 mm ²	0.001	10
38749	AS-50-S-AL	terminal extension, for connection of Cu/Al conductor of cross-section 16 ÷ 50 mm ² , pin	0.02	15



FUSE DISCONNECTOR FOR TRACTION CYLINDRICAL FUSE-LINKS 22x127, 20x127

Type	OPT22	OPT20
I_e	63 A	
U_e	1500 V a.c./1000 V d.c.	
Utilization category	1500 V a.c. / 1000 V d.c.	AC-20B / DC-20B
Fuse-link size	22x127	20x127

Code	Type	Number of poles	Weight [kg]	Package [pcs]
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OPT

8474	OPT22/1	1	0.490	4
8344	OPT22/2	2	0.980	2
8700	OPT22/3	3	1.44	1
8345	OPT22/4	4	1.960	1
34403	OPT20/1	1	0.480	1

Cd/Pb-free

FUSE-LINKS FOR SEMICONDUCTOR PROTECTION (with screw connections) - up to 690 V a.c.

Type	P50K06	P50N06	P50R06	P50T06	P50U06	P52U06
U_n	690 V a.c./ 440 V d.c.	690 V a.c./ 440 V d.c.	690 V a.c./ 440 V d.c.	690 V a.c./ 440 V d.c.	690 V a.c./ 440 V d.c.	690 V a.c./ 440 V d.c.
I_n	6 ÷ 50 A	25 ÷ 125 A	6 ÷ 160 A	10 ÷ 400 A	100 ÷ 630 A	100 ÷ 630 A
Utilization category	gR	gR, aR	gR, aR	gR, aR	aR	aR
Fuse-link size /connection spacing	75 mm/M6	80 mm/M8	000/ 80 mm/M8	00/ 80 mm/M10	1/ 80 mm/M10	1/ 110 mm/M10



Code	Type	Weight [kg]	Package [pcs]
P50K06			
6593	P50K06 10A gR	0.060	3
6594	P50K06 16A gR	0.060	3
6595	P50K06 20A gR	0.060	3
6596	P50K06 25A gR	0.060	3
6597	P50K06 32A gR	0.060	3
6598	P50K06 40A gR	0.060	3
6599	P50K06 50A gR	0.060	3

Code	Type	Weight [kg]	Package [pcs]
P50N06			
6608	P50N06 25A gR	0.130	3
6609	P50N06 32A gR	0.130	3
6610	P50N06 40A gR	0.100	3
6611	P50N06 50A gR	0.130	3
6612	P50N06 63A gR	0.130	3
6613	P50N06 80A aR	0.130	3
6614	P50N06 100A aR	0.130	3
6615	P50N06 125A aR	0.130	3

Code	Type	Weight [kg]	Package [pcs]
P50R06			
6618	P50R06 16A gR	0.130	3
6619	P50R06 20A gR	0.130	3
6620	P50R06 25A gR	0.130	3
6621	P50R06 32A gR	0.130	3
6622	P50R06 40A gR	0.130	3
6623	P50R06 50A gR	0.130	3
6624	P50R06 63A gR	0.130	3
6625	P50R06 80A aR	0.130	3
6626	P50R06 100A aR	0.130	3
6627	P50R06 125A aR	0.130	3
6628	P50R06 160A aR*	0.130	3

* $U_n = 500$ V a.c.

Code	Type	Weight [kg]	Package [pcs]
P50T06			
6646	P50T06 10A gR	0.200	3
6647	P50T06 16A gR	0.200	3
6648	P50T06 20A gR	0.200	3
6649	P50T06 25A gR	0.200	3
6650	P50T06 32A gR	0.200	3
6651	P50T06 40A gR	0.200	3
6652	P50T06 50A gR	0.200	3
6653	P50T06 63A gR	0.200	3
6654	P50T06 80A gR	0.200	3
6655	P50T06 100A gR	0.200	3
6656	P50T06 125A aR	0.200	3
6657	P50T06 160A aR	0.200	3
6658	P50T06 200A aR	0.200	3
6659	P50T06 250A aR	0.200	3
6660	P50T06 315A aR	0.200	3
6661	P50T06 350A aR	0.200	3
6662	P50T06 400A aR	0.200	3

Code	Type	Weight [kg]	Package [pcs]
P50U06			
11875	P50U06 100A aR	0.390	3
11876	P50U06 125A aR	0.390	3
11877	P50U06 160A aR	0.390	3
11878	P50U06 200A aR	0.390	3
10546	P50U06 250A aR	0.390	3
10547	P50U06 315A aR	0.390	3
10548	P50U06 350A aR	0.390	3
10549	P50U06 400A aR	0.390	3
11879	P50U06 450A aR	0.390	3
10550	P50U06 500A aR	0.390	3
11880	P50U06 550A aR	0.390	3
10551	P50U06 630A aR	0.390	3

Code	Type	Weight [kg]	Package [pcs]
P52U06			
14836	P52U06 100A aR DIN110	0.430	3
14837	P52U06 125A aR DIN110	0.430	3
14838	P52U06 160A aR DIN110	0.430	3
11886	P52U06 200A aR DIN110	0.430	3
10552	P52U06 250A aR DIN110	0.430	3
10553	P52U06 315A aR DIN110	0.430	3
10554	P52U06 350A aR DIN110	0.430	3
10555	P52U06 400A aR DIN110	0.430	3
14839	P52U06 450A aR DIN110	0.430	3
10556	P52U06 500A aR DIN110	0.430	3
14840	P52U06 550A aR DIN110	0.430	3
10557	P52U06 630A aR DIN110	0.430	3

Cd/Pb-free

FUSE-LINKS FOR SEMICONDUCTOR PROTECTION (with screw connections) - up to 1000 V a.c.

Type	P40U10	P40U10 DIN130	P50U10	P50V10
U_n	1000 V a.c./ 600 V d.c.	1000 V a.c./ 600 V d.c.	1000 V a.c./ 600 V d.c.	1000 V a.c./ 600 V d.c.
I_n	32 ÷ 400 A	32 ÷ 400 A	400 ÷ 630 A	700 A
Utilization category	gR, aR	aR	aR	aR
Fuse-link size / connection spacing	1/ 110 mm/M10	1/ 130 mm/M10	1/ 110 mm/M10	2/ 110 mm/M10

without signalling

Code	Type	Weight [kg]	Package [pcs]
P40U10			
9013	P40U10 32A gR	0.042	3
9014	P40U10 40A gR	0.540	3
9015	P40U10 50A gR	0.540	3
9016	P40U10 63A gR	0.540	3
6548	P40U10 80A aR	0.540	3
13501	P40U10 100A aR	0.540	3
6551	P40U10 125A aR	0.540	3
6553	P40U10 160A aR	0.540	3
6555	P40U10 200A aR	0.540	3
6557	P40U10 250A aR	0.540	3
6559	P40U10 315A aR	0.540	3
11245	P40U10 350A aR	0.540	3
6561	P40U10 400A aR	0.540	3

with signalling

Code	Type	Weight [kg]	Package [pcs]
P40U10S			
11835	P40U10S 32A gR	0.548	3
11834	P40U10S 40A gR	0.548	3
11833	P40U10S 50A gR	0.548	3
11832	P40U10S 63A gR	0.548	3
6549	P40U10S 80A aR	0.548	3
6550	P40U10S 100A aR	0.548	3
6552	P40U10S 125A aR	0.548	3
6554	P40U10S 160A aR	0.548	3
6556	P40U10S 200A aR	0.548	3
6558	P40U10S 250A aR	0.548	3
6560	P40U10S 315A aR	0.548	3
13749	P40U10S 350A aR	0.54	3
6562	P40U10S 400A aR	0.54	3

P50U10

8677	P50U10 400A aR	0.540	3
8657	P50U10 450A aR	0.540	3
8654	P50U10 500A aR	0.540	3
8655	P50U10 550A aR	0.540	3
8656	P50U10 630A aR	0.540	3

P50U10S

20519	P50U10S 400A aR	0.545	3
8680	P50U10S 450A aR	0.545	3
8681	P50U10S 500A aR	0.545	3
17515	P50U10S 550A aR	0.548	3
8571	P50U10S 630A aR	0.545	3

P50V10

8682	P50V10 700A aR	0.720	3
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P50V10S

8683	P50V10S 700A aR	0.725	3
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FUSE-LINKS FOR SEMICONDUCTOR PROTECTION (with screw connections) - from 1800 V a.c.

Type	P50V16	P50V16MP	P50V30
U_n	1800 V a.c./1100 V d.c.	1500 V a.c./1100 V	1500 V a.c./1100 V d.c.
I_n	40 ÷ 315 A	400 ÷ 630 A	630 A
Utilization category	gR, aR	aR	aR
Fuse-link size / connection spacing	2/ 170 mm/M10	2/ extended contacts/M10	2/ 330 mm/M10

without signalling

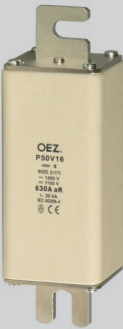
Code	Type	Weight [kg]	Package [pcs]
P50V16			
10522	P50V16 40A gR	1.250	1
15570	P50V16 50A gR	1.250	1
15571	P50V16 63A gR	1.250	1
15572	P50V16 80A aR	1.250	1
14900	P50V16 100A aR	1.250	1
10523	P50V16 125A aR	1.250	1
10459	P50V16 160A aR	1.250	1
10524	P50V16 200A aR	1.250	1
10525	P50V16 250A aR	1.250	1
11285	P50V16 315A aR	1.250	1
11866	P50V16 400A aR	1.250	1
11817	P50V16 500A aR	1.250	1
8415	P50V16 630A aR	1.250	1

with signalling

Code	Type	Weight [kg]	Package [pcs]
P50V16MP			
10468	P50V16MP 630A aR	1.250	1
P50V30			
11295	P50V30 315A aR	2.550	1

with signalling

Code	Type	Weight [kg]	Package [pcs]
P50V16S			
17734	P50V16S 40A gR	1.260	1
34285	P50V16S 63A gR	1.250	1
13744	P50V16S 100A aR	1.260	1
10515	P50V16S 125A aR	1.260	1
10460	P50V16S 160A aR	1.260	1
10514	P50V16S 200A aR	1.260	1
10477	P50V16S 250A aR	1.254	1
13625	P50V16S 315A aR	1.260	1
14907	P50V16S 400A aR	1.260	1
13700	P50V16S 500A aR	1.260	1
13701	P50V16S 630A aR	1.260	1



Cd/Pb-free

FUSE-LINKS FOR SEMICONDUCTOR PROTECTION (blade contacts) - up to 690 V a.c.

Type	P51R06	P51U06	P51V06
U_n	690 V a.c./440 V d.c.	500 V a.c./440 V d.c.	690 V a.c./440 V d.c.
I_n	6 ÷ 125 A	160 A	250 ÷ 630 A
Utilization category	gR, aR	gR, aR	aR
Fuse-link size	000	1	2



Code	Type	Weight [kg]	Package [pcs]
P51R06			
6632	P51R06 6A gR	0.130	3
6633	P51R06 10A gR	0.130	3
6634	P51R06 16A gR	0.130	3
6635	P51R06 20A gR	0.130	3
6636	P51R06 25A gR	0.130	3
6637	P51R06 32A gR	0.130	3
6638	P51R06 40A gR	0.130	3
6639	P51R06 50A gR	0.130	3
6640	P51R06 63A gR	0.130	3
6641	P51R06 80A gR	0.130	3
6642	P51R06 100A aR	0.130	3
6643	P51R06 125A aR	0.130	3
6644	P51R06 160A aR*	0.130	3

Code	Type	Weight [kg]	Package [pcs]
P51U06			
10558	P51U06 63A gR	0.130	3
10559	P51U06 80A gR	0.130	3
10560	P51U06 100A aR	0.130	3
10561	P51U06 125A aR	0.130	3
11201	P51U06 160A aR	0.130	3
11202	P51U06 200A aR	0.130	3
11203	P51U06 250A aR	0.130	3
11204	P51U06 315A aR	0.130	3

Code	Type	Weight [kg]	Package [pcs]
P51V06			
35990	P51V06 250A aR	0.530	3
35991	P51V06 315A aR	0.530	3
35992	P51V06 350A aR	0.530	3
35993	P51V06 400A aR	0.530	3
35994	P51V06 450A aR	0.530	3
35995	P51V06 500A aR	0.530	3
35996	P51V06 550A aR	0.530	3
35997	P51V06 630A aR	0.530	3

* $U_n = 500V$ a.c.

PARALLEL CONNECTION OF FUSE-LINKS

Terminals for parallel connection of fuse-links

Code	Type	Description	Weight [kg]	Package [pcs]
15585	CS-P50TUV-2PS800	I_n 400 ÷ 800 A	0.165	5
15586	CS-P50TUV-2PS1000	I_n 1000 A	0.221	5
15587	CS-P50TUV-2PS1250	I_n 1250 A	0.277	5
15588	CS-P50TUV-2PS1600	I_n 1600 A	0.332	5

In case of parallel connection of fuses, it is necessary to contact the manufacturer.

ACCESSORIES

Type	S41	S42	S43	S-P50U06	CS-P50TUV-2PS800	CS-P50TUV-2PS1000	CS-P50TUV-2PS1250	CS-P50TUV-2PS1600
U_n of fuse-links	690V	1000V	1800V	690V	-	-	-	-
I_n	-	-	-	-	400 ÷ 800 A	1000 A	1250 A	1600 A

Code	Type	Description	Weight [kg]	Package [pcs]
6522	S41	signalling device of fuses state P50U06 and P52U06	0.002	1
6578	S42	signalling device of fuses state P40.10 and P50.10	0.004	1
10450	S43	signalling device of fuse state P50V16	0.006	1
6527	S86506Z00	upper holder for S41, S42 and S43	0.001	1
6526	S86523Z00	lower holder for S41, S42 and S43	0.003	1
11890	S-P50U06	set of signalling of fuses state P50U06 and P52U06	0.005	1
15585	CS-P50TUV-2PS 800	terminal for pairs of fuse-links connected in parallel up to 800 A	0.165	5
15586	CS-P50TUV-2PS1000	terminal for pairs of fuse-links connected in parallel up to 1000 A	0.221	5
15587	CS-P50TUV-2PS1250	terminal for pairs of fuse-links connected in parallel up to 1250 A	0.277	5
15588	CS-P50TUV-2PS1600	terminal for pairs of fuse-links connected in parallel up to 1600 A	0.332	5





Code	Type	Weight [kg]	Package [pcs]
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Fuse holders - with ceramic base

6529	SP40K06	0.180	3
6530	SP40T06	0.330	3
10449	SP41T06	0.380	3

Fuse holders - with steel base

14131	SP50U06	0.518	3
6532	SP50U10	0.549	3
6533	SP50V10	0.559	3
10461	SP50X16	0.665	3

Assignment of holders of fuses for semiconductor protection

Type	U _n [V]	P50K06	P50N06	P50R06	P50T06	P50U06	P52U06	P40U10	P50U10	P50V10	P50V16	P51R06	P51U06	P51V06
SP40K06	690	x												
SP40T06	690		x	x								SPF00	SPF1	SPF2
SP41T06	690				x							SPB00	SPB1	SPB2
SP50U06	690					x						S3PB00	S3PB1	S3PB2
SP50U10	1000						x	x	x			FH000	FH1	FH2
SP50V10	1000									x		FH00	FH2	FH3
SP50X16	1500										x			



MV FUSE-LINKS

Type	PL45	PM45	PQ45
U_n	10/12 kV	22/25 kV	35/38.5 kV
I_n	6.3 ÷ 100 A	6.3 ÷ 100 A	6.3 ÷ 50 A

Code	Type	Weight [kg]	Package [pcs]
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PL45

14807	PL45 6,3A	1.630	1
14808	PL45 10A	1.630	1
14809	PL45 16A	1.630	1
14810	PL45 20A	1.630	1
14811	PL45 25A	1.630	1
14812	PL45 31,5A	1.630	1
14813	PL45 40A	1.630	1
14814	PL45 50A	1.630	1
14815	PL45 63A	1.630	1
14816	PL45 80A	3.100	1
14817	PL45 100A	3.100	1

Code	Type	Weight [kg]	Package [pcs]
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PM45

14818	PM45 6,3A	2.200	1
14819	PM45 10A	2.200	1
14820	PM45 16A	2.200	1
14821	PM45 20A	2.200	1
14822	PM45 25A	2.200	1
14823	PM45 31,5A	2.200	1
14824	PM45 40A	2.200	1
14825	PM45 50A	2.200	1
14826	PM45 63A	3.340	1
14428	PM45 80A	4.480	1
14429	PM45 100A	4.480	1

Code	Type	Weight [kg]	Package [pcs]
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PQ45

14827	PQ45 6,3A	2.900	1
14828	PQ45 10A	2.900	1
14829	PQ45 16A	2.900	1
14830	PQ45 20A	2.900	1
14831	PQ45 25A	2.900	1
14832	PQ45 31,5A	6.220	1
14833	PQ45 40A	6.220	1
14834	PQ45 50A	6.220	1

NOTES

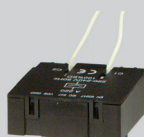
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Motor startersE2

DEVICES FOR SWITCHING AND CONTROL

E





MOTOR STARTERS SM1E

Size	1	
Max. rated current	I_n	25 A
Rated operating voltage	U_e	690 V a.c.
Rated frequency	f_n	50 / 60 Hz
Rated short-circuit ultimate breaking capacity	I_{cu}	4 / 6 / 50 kA ²⁾
Max. switched power of three-phase motor ¹⁾	P_n	11 kW
Instantaneous short-circuit release	I_n	12x
Number of poles	3	
Mounting	screws or „U“ rail TH35 ³⁾	
Width	45	

¹⁾ approximate value for 4-pole standardized motors at 400 V a.c., 50 Hz

²⁾ for more information see rated short-circuit ultimate breaking capacity and rated short-circuit service breaking capacity

³⁾ according to EN 60715

Code	Type	Description	Weight [kg]	Package [pcs]
MOTOR STARTERS SM1E, size 1				
39257	SM1E-0,16	I_n 0.1 A ÷ 0.16 A	0.25	1
39258	SM1E-0,25	I_n 0.16 A ÷ 0.25 A	0.25	1
39259	SM1E-0,4	I_n 0.25 A ÷ 0.4 A	0.25	1
39260	SM1E-0,63	I_n 0.4 A ÷ 0.63 A	0.25	1
39261	SM1E-1	I_n 0.63 A ÷ 1 A	0.25	1
39262	SM1E-1,6	I_n 1 A ÷ 1.63 A	0.25	1
39263	SM1E-2,5	I_n 1.63 A ÷ 2.5 A	0.25	1
39264	SM1E-4	I_n 2.5 A ÷ 4 A	0.25	1
39265	SM1E-6,3	I_n 4 A ÷ 6.3 A	0.25	1
39266	SM1E-10	I_n 6.3 A ÷ 10 A	0.25	1
39267	SM1E-16	I_n 10 A ÷ 16 A	0.25	1
39268	SM1E-20	I_n 16 A ÷ 20 A	0.25	1
39269	SM1E-25	I_n 20 A ÷ 25 A	0.25	1

MOTOR STARTERS SM1E in degree of protection IP55

39311	SM1E-1,6-IP55	I_n 1 A ÷ 1.63 A, insulating box IP55	0.55	1
39312	SM1E-2,5-IP55	I_n 1.63 A ÷ 2.5 A, insulating box IP55	0.55	1
39313	SM1E-4-IP55	I_n 2.5 A ÷ 4 A, insulating box IP55	0.55	1
39314	SM1E-6,3-IP55	I_n 4 A ÷ 6.3 A, insulating box IP55	0.55	1
39315	SM1E-10-IP55	I_n 6.3 A ÷ 10 A, insulating box IP55	0.55	1

ACCESSORIES

Code	Type	Description	Weight [kg]	Package [pcs]
Switches				
39270	PS-SM1E-B11	1x NO, 1x NC, side mounting	0.05	1
39271	PS-SM1E-B20	2x NO, side mounting	0.05	1
39283	PS-SM1E-C11	1x NO, 1x NC, front mounting	0.06	1

Undervoltage releases

39275	SP-SM1E-A230	230 V a.c.	0.06	1
39276	SP-SM1E-A400	400 V a.c.	0.06	1

Shunt trips

39277	SV-SM1E-A024	24 V a.c.	0.06	1
39280	SV-SM1E-A230	230 V a.c.	0.06	1
39281	SV-SM1E-A400	400 V a.c.	0.06	1



ACCESSORIES

Code	Type	Description	Weight [kg]	Package [pcs]
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Interconnecting busbars

182	G-3L-MS-M2	for 2x SM1E	0.04	1
183	G-3L-MS-M3	for 3x SM1E	0.07	1
184	G-3L-MS-M4	for 4x SM1E	0.11	1

Power supply units

18350	ESB-G-MS2	for SM1E	0.04	1
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Insulating boxes

39284	OD-SM1E-K41	IP41, wall mounting	0.24	1
39285	OD-SM1E-K55	IP55, wall mounting	0.26	1

Stop buttons

39288	OD-SM1E-TL	turn for unlock	0.09	1
39289	OD-SM1E-TLK	unlocking by key	0.10	1

Locking inserts

39290	OD-SM1E-UV	standard version	0.06	1
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Indicator lights

39293	OD-SM1E-SE-A230	Uc 230 V a.c., green	0.02	1
39294	OD-SM1E-SE-A400	Uc 400 V a.c., green	0.02	1
39295	OD-SM1E-SG-A230	Uc 230 V a.c., white	0.02	1
39296	OD-SM1E-SG-A400	Uc 400 V a.c., white	0.02	1
39297	OD-SM1E-SC-A230	Uc 230 V a.c., red	0.02	1
39298	OD-SM1E-SC-A400	Uc 400 V a.c., red	0.02	1

Neutral conductor links

39292	OD-SM1E-NL	standard version	0.01	1
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Push-button membranes

39291	OD-SM1E-M	standard version	0.02	1
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Plastic bushings

39282	OD-SM1E-PV	2 pcs, IP55, wall mounting	0.03	1
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NOTES

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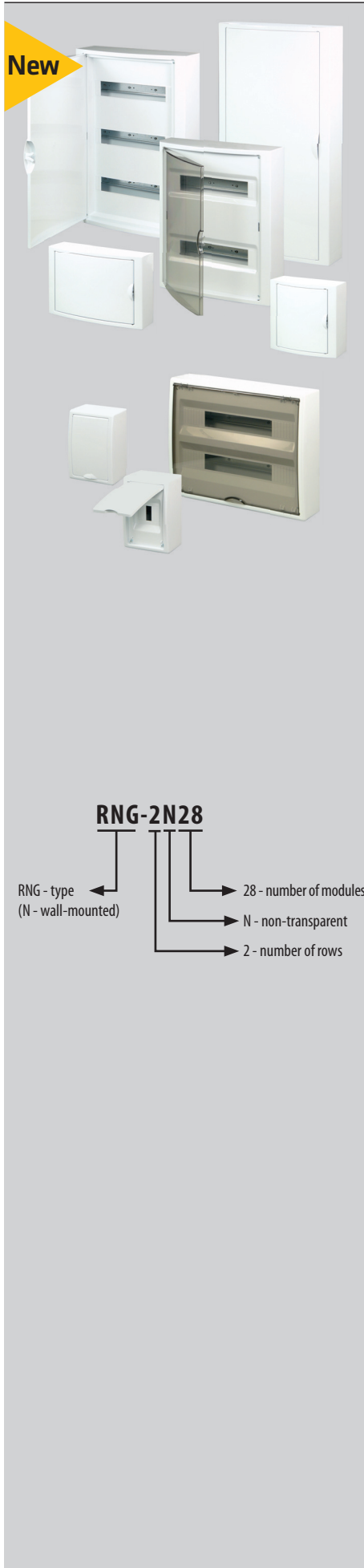
DistriTon	Plastic distribution boards.....	F2
	RZA, RZB, RNB distribution boards.....	F6
DistriSet	DZ, DN distribution boards.....	F8
DistriBox	NP switchboard cabinets.....	F13
	QA switchboard cabinets.....	F16
	KB switchboard cabinets.....	F22
	Busbar systems.....	F24

DISTRIBUTION BOARDS AND SWITCHBOARD CABINETS

F



New



RNG-2N28

RNG - type
(N - wall-mounted)

28 - number of modules

N - non-transparent

2 - number of rows

RNG WALL-MOUNTED DISTRIBUTION BOARDS (IP40)

Type	RNG
Standards	EN 62208
Approval marks	
Colour	white (RAL9003)
Degree of protection	IP40
Stage of protection against external mechanical shocks	IK07
Rated values of the used devices	max. 63 A, 230/400 V a.c.
Rated insulation voltage	500 V a.c.
Device rail	„U“ rail according to EN 60715 of width 35 mm
Protection class	II
Door	opening: left/right; upwards design: transparent/non-transparent
Material	self-extinguishing thermoplastic - hot loop max. 650 °C

For installation on materials of fire reaction class A1, A2 (EN 13501-1)

Code	Type	Description	Weight [kg]	Package [pcs]
▷ opening right/left				
40578	RNG-1N8	8 modules, non-transparent door	0.95	1
40579	RNG-1N14	14 modules, non-transparent door	1.38	1
40581	RNG-2N28	28 modules, non-transparent door	2.21	1
40583	RNG-3N42	42 modules, non-transparent door	2.75	1
40584	RNG-4N56	56 modules, non-transparent door	3.42	1
40586	RNG-1P8	8 modules, transparent door	0.96	1
40587	RNG-1P14	14 modules, transparent door	1.41	1
40589	RNG-2P28	28 modules, transparent door	2.23	1
40591	RNG-3P42	42 modules, transparent door	2.83	1
40592	RNG-4P56	56 modules, transparent door	3.53	1

▷ opening upwards				
40577	RNG-1N4	4 modules, non-transparent door	0.66	1
40580	RNG-1N18	18 modules, non-transparent door	1.42	1
40582	RNG-2N40	40 modules, non-transparent door	2.06	1
40585	RNG-1P4	4 modules, transparent door	0.66	1
40588	RNG-1P18	18 modules, transparent door	1.47	1
40590	RNG-2P40	40 modules, transparent door	2.07	1

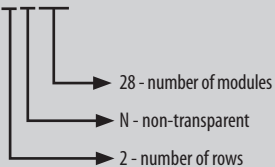
1 module = 18 mm

New



RZG-2N28

RZG - type
(Z - flush-mounted)



RZG FLUSH-MOUNTED DISTRIBUTION BOARDS (IP40)

Type		RZG
Standards		EN 62208
Approval marks		CE ENEC
Colour		white (RAL9003)
Degree of protection		IP40
Stage of protection against external mechanical shocks		IK07
Rated values of the used devices		max. 63 A, 230/400 V a.c.
Rated insulation voltage		500 V a.c.
Device rail		„U“ rail according to EN 60715 of width 35 mm
Protection class		II
Door	opening	left/right; upwards
	design	transparent/non-transparent
Material		self-extinguishing thermoplastic - hot loop max. 650 °C

For installation in materials of fire reaction class A1, A2 (EN 13501-1).

The distribution boards can be front mounted on building panels (e.g. plasterboard) by means of mounting anchors PD-RG-...DH, see accessories. The distribution boards are not intended for mounting into hollow walls according to EN 60439-3.

Code	Type	Description	Weight [kg]	Package [pcs]
▷ opening right/left				
40554	RZG-1N8	8 modules, non-transparent door	0.71	1
40555	RZG-1N14	14 modules, non-transparent door	1.33	1
40557	RZG-2N28	28 modules, non-transparent door	1.96	1
40559	RZG-3N42	42 modules, non-transparent door	2.53	1
40560	RZG-4N56	56 modules, non-transparent door	3.01	1
40562	RZG-1P8	8 modules, transparent door	0.84	1
40563	RZG-1P14	14 modules, transparent door	1.22	1
40565	RZG-2P28	28 modules, transparent door	2.03	1
40567	RZG-3P42	42 modules, transparent door	2.61	1
40568	RZG-4P56	56 modules, transparent door	3.24	1

▷ opening upwards

40553	RZG-1N4	4 modules, non-transparent door	0.49	1
40556	RZG-1N18	18 modules, non-transparent door	1.17	1
40558	RZG-2N40	40 modules, non-transparent door	1.68	1
40561	RZG-1P4	4 modules, transparent door	0.49	1
40564	RZG-1P18	18 modules, transparent door	1.18	1
40566	RZG-2P40	40 modules, transparent door	1.68	1

1 module = 18 mm

New



RZV-2N28

RZV - type
(Z - flush-mounted)

28 - number of modules
N - non-transparent
2 - number of rows

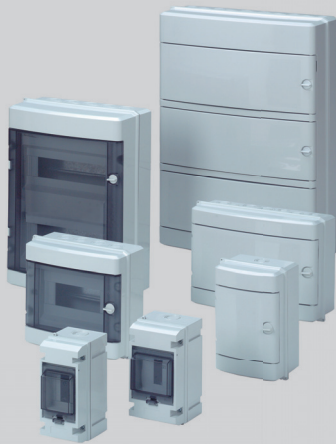
RZV FLUSH-MOUNTED DISTRIBUTION BOARDS (IP40) TESTED BY HOT LOOP TO 850 °C

Type		RZV
Standards		EN 62208
Approval marks		CE EFC
Colour		white (RAL9003)
Degree of protection		IP40
Stage of protection against external mechanical shocks		IK07
Rated values of the used devices		max. 63 A, 230/400 V a.c.
Rated insulation voltage		500 V a.c.
Device rail		„U“ rail according to EN 60715 of width 35 mm
Protection class		II
Door	opening	left/right
	design	transparent/non-transparent
Material		self-extinguishing thermoplastic - hot loop max. 850 °C

For installation in materials of fire reaction class A1, A2 (EN 13501-1).
For mounting into hollow walls.

Code	Type	Description	Weight [kg]	Package [pcs]
opening right/left				
40569	RZV-1N14	14 modules, non-transparent door	1.40	1
40570	RZV-2N28	28 modules, non-transparent door	1.90	1
40571	RZV-3N42	42 modules, non-transparent door	2.66	1
40572	RZV-4N56	56 modules, non-transparent door	3.03	1
40573	RZV-1P14	14 modules, transparent door	1.24	1
40574	RZV-2P28	28 modules, transparent door	1.93	1
40575	RZV-3P42	42 modules, transparent door	3.16	1
40576	RZV-4P56	56 modules, transparent door	3.18	1

1 module = 18 mm



ECO-04N (P)

ECO - type

P - transparent
N - non-transparent
04 - number of modules

ECO WALL-MOUNTED PLASTIC DISTRIBUTION BOARDS (IP55)

Type		ECO, CT
Standards		EN 60439-3, EN 62208
Approval marks		CE EFC PGT
Colour		grey (RAL7035)
Degree of protection		IP55
Stage of protection against external mechanical shocks		IK07
Rated values of the used devices		max. 63 A, 230/400 V a.c.
Rated insulation voltage		520 V a.c.
Device rail		„U“ rail according to EN 60715 of width 35 mm
Protection class		II
Door	opening	type ECO left/right, type CT upwards
	design	transparent/non-transparent
Material		self-extinguishing thermoplastic - hot loop max. 650 °C
Ambient temperature		-25 ÷ +60 °C

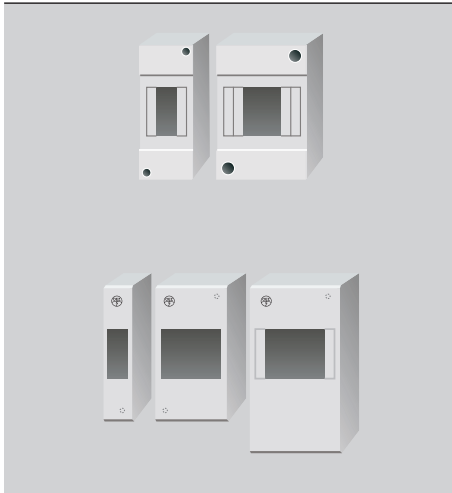
For installation on materials of fire reaction class A1, A2 (EN 13501-1).

Code	Type	Weight [kg]	Package [pcs]
ECO			
11977	ECO-04N	0.6	1
11978	ECO-06N	0.75	1
11979	ECO-09N	0.85	1
11980	ECO-13N	1.1	1
11981	ECO-26N	2.2	1
11982	ECO-39N	3.3	1
15188	ECO-57N	3.9	1

Code	Type	Weight [kg]	Package [pcs]
ECO			
11983	ECO-04P	0.6	1
11984	ECO-06P	0.75	1
11985	ECO-09P	0.85	1
11986	ECO-13P	1.1	1
11987	ECO-26P	2.2	1
11988	ECO-39P	3.3	1
15187	ECO-57P	3.9	1

Code	Type	Weight [kg]	Package [pcs]
ECO			
00129	CT-3G	0.35	1
00130	CT-4G	0.35	1

1 module = 17.5 mm
CT..G - transparent door, opening upwards



Code	Type	Description	Weight [kg]	Package [pcs]
TERMINAL COVERS CX				
00083	CX-2		0.08	1
00084	CX-4		0.09	1

1 module = 18 mm

TERMINAL COVERS KJ

00037	KJ-1		0.06	1
08048	KJ-3		0.09	1
00039	KJ-4		0.14	1
08419	KJ-4L	L - contains a terminal board 4x 16 mm ² , for Cu conductors	0.16	1

1 module = 18 mm



ACCESSORIES OF DISTRIBUTION BOARDS RZG, RNG, RZV

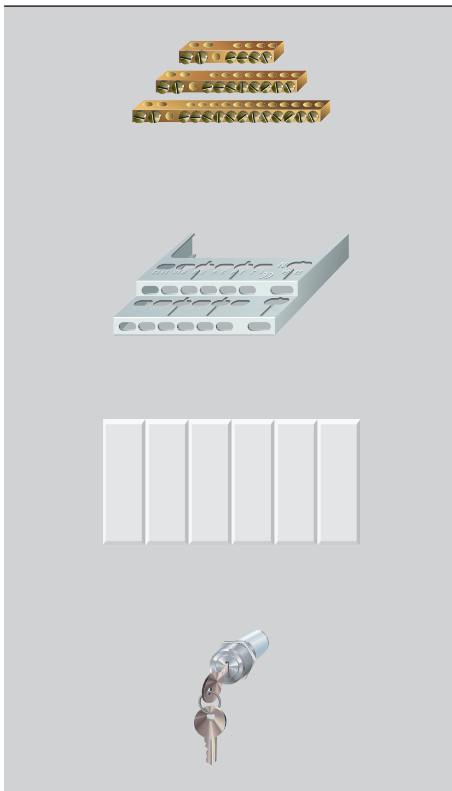
Code	Type	Description	Weight [kg]	Package [pcs]
Terminal blocks				
40593	PD-RGV-SB5	5x 6 mm ² , for Cu conductors	0.01	1
40594	PD-RGV-SB8	2x 16 mm ² + 6x 6 mm ² , for Cu conductors	0.03	1
40595	PD-RGV-SB14	2x 16 mm ² + 12x 6 mm ² , for Cu conductors	0.04	1

▷ **Terminal block holder**

40599	PD-RGV-DSB1-G	1 place for terminal blocks	0.01	1
40600	PD-RGV-DSB2-G	2 places for terminal blocks	0.02	1

▷ **Mounting anchors**

40596	PD-RG81428-DH	for distribution boards RZG-1.8; RZG-1.14; RZG-2.28	0.05	1
40597	PD-RG42-DH	for distribution boards RZG-3.42	0.04	1
40598	PD-RG56-DH	for distribution boards RZG-4.56	0.07	1



ACCESSORIES ECO

Code	Type	Description	Weight [kg]	Package [pcs]
Terminal blocks SB				
00143	SB6	2x 16 mm ² + 4x 10 mm ² , for Cu conductors	0.02	1
00144	SB10	2x 16 mm ² + 8x 10 mm ² , for Cu conductors	0.03	1
00146	SB14	2x 16 mm ² + 12x 10 mm ² , for Cu conductors	0.03	1

Terminal block holders

12293	DSB-E	2 places for terminal blocks	0.02	1
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Blind plates for RNG, RZG, RZV, ECO

12294	ZAS-G	6 modules, white, for RZG, RNG, RZV, ECO	0.005	1
10726	ZAS-S	6 modules, grey RAL 7035, for RZG, RNG, RZV, ECO	0.005	1
39354	PD-R-ZAS1000-S	55 modules, grey RAL 7035	0.142	1

Lock for ECO

00154	ZAM-E		0.02	1
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RZA STEEL-PLASTIC DISTRIBUTION BOARDS (IP30)

Type		RZA
Standards	EN 60439-1, EN 60439-3, EN 62208	
Approval marks		
Colour	white (RAL 9010)	
Degree of protection	IP30	
Rated values of the used devices	max. 63 A, 400 V a.c.	
Device rail	„U” rail according to EN 60715 of width 35 mm	
Protection class	II	
Door	opening	left/right
	design	non-transparent
Material	self-extinguishing thermoplastic - hot loop max. 650 °C*	

* for installation in materials of fire reaction class A1, A2 (EN 13501-1)

Code	Type	Weight [kg]	Package [pcs]
33363	RZA-12N	2.1	1
33364	RZA-24N	2.9	1
33365	RZA-36N	3.8	1
33366	RZA-48N	4.6	1

1 module = 17.5 mm

Code	Type	Weight [kg]	Package [pcs]
33481	PD-RZA-SPC	0.032	2

Set for connection of distribution boards

Terminal block

33482	PD-RZA-SB4	0.029	1
33480	PD-RZA-SB36	0.190	1

SB4 - 1x25 mm² + 3x10 mm²
SB36 - 30x4 mm² + 6x16 mm²

Code	Type	Weight [kg]	Package [pcs]
33483	PD-RZA-DH	0.032	1

Mounting anchors set

33483 PD-RZA-DH 0.032 1
mounts into hollow walls

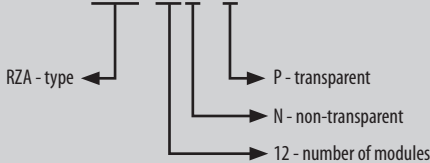
Lock

33479	PD-RZA-UZ	0.018	1
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Blind plates

12294	ZAS-G	0.01	1
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RZA-12N (P)



RZB, RNB DISTRIBUTION BOARD (IP30)

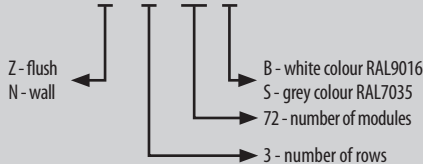
Type		RZB, RNB
Normy	EN 60439-1, EN 60439-3, EN 62208	
Approval marks		
Colour	white (RAL 9016) ¹⁾	
Degree of protection	IP30	
Stage of protection against external mechanical shocks	IK10	
Rated values of the used devices	max. 125 A, 230/400 V a.c.	
Rated insulation voltage	400 V a.c.	
Device rail	„U” rail according to EN 60715 of width 35 mm	
Protection class	I	
Door	opening	left/right
	design	non-transparent transparent on demand
Material	steel sheet	
Mounting	wall/flush	

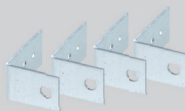
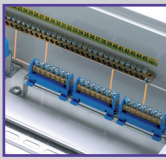
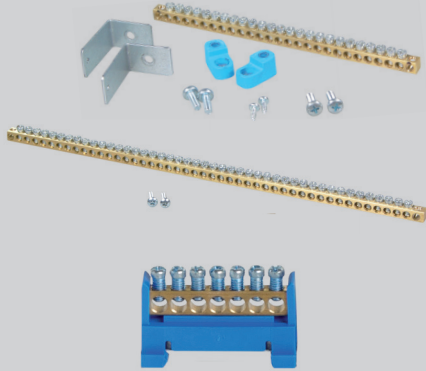
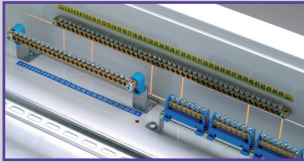
¹⁾ on demand we can perform painting in other colour according to RAL colour chart

Code	Type	Number of rows	Number of modules	Weight [kg]	Package [pcs]
39331	RZB-3N72-B	3	24 (72)	11.7	1
39332	RZB-4N96-B	4	24 (96)	13.9	1
39333	RZB-5N120-B	5	24 (120)	16.7	1
39334	RZB-6N144-B	6	24 (144)	19.3	1
39335	RZB-4N132-B	4	33 (132)	17.5	1
39336	RZB-5N165-B	5	33 (165)	20.5	1
39337	RZB-6N198-B	6	33 (198)	23.1	1

Code	Type	Number of rows	Number of modules	Weight [kg]	Package [pcs]
39338	RNB-3N72-B	3	24 (72)	14.2	1
39339	RNB-4N96-B	4	24 (96)	17.1	1
39340	RNB-5N120-B	5	24 (120)	20.0	1
39341	RNB-6N144-B	6	24 (144)	22.9	1
39342	RNB-4N132-B	4	33 (132)	19.9	1
39343	RNB-5N165-B	5	33 (165)	23.3	1
39344	RNB-6N198-B	6	33 (198)	26.7	1

RZB-3N72-B





ACCESSORIES RZB, RNB

Code	Type	Description	Weight [kg]	Package [pcs]
Terminal blocks				
39345	PD-RB-SB25	for connection of Cu conductors 25x 16 mm ² , for PE, N	0.06	1
39347	PD-RB-SB30	for connection of Cu conductors 30x 16 mm ² , for PE, N	0.08	1
39348	PD-RB-SB60	for connection of Cu conductors 60x 16 mm ² , for PE	0.17	1
35901	CS-N7	for connection of Cu conductors 7x 16 mm ²	0.03	1

Adapter

37389	AS-25-S	for connection of Cu conductors 6 ÷ 25 mm ²	0.01	1
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Terminal block holder

39349	PD-RB-DSB01	for fastening 1 ÷ 3 terminal blocks CS-N7	0.04	1
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Mounting anchors

39355	PD-RB-4MU	for fastening terminal board in walling-in, set of 4 pcs	0.1	1
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Quick-acting closures

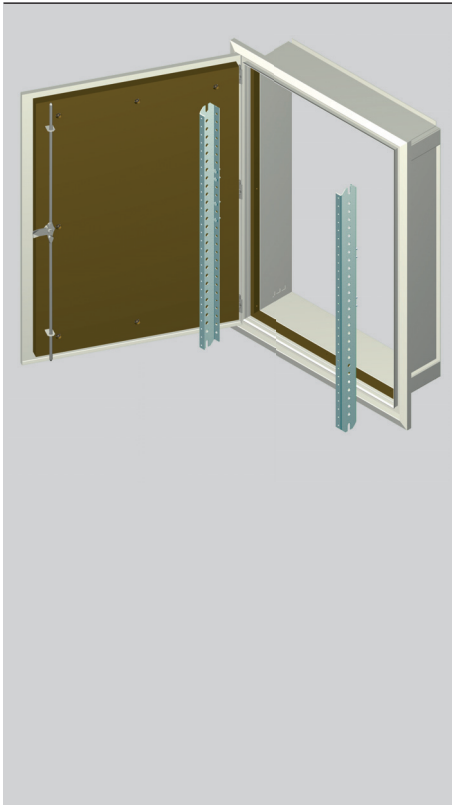
▷ 38548	PD-Q13-UR	for modular covers, set of 10 pcs, for QA, RxB 33 modules in a row, Dx	0.14	1
▷ 41311	PD-Q13-UR2	for modular covers, set of 10 pcs, for RxB 24 modules in a row	0.14	1

Blind plates

39354	PD-R-ZAS1000-S	55 modules, grey RAL 7035	0.142	1
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Welts

▷ 41309	PD-RB-2LEM24	welt around the hole for cables RxB 24 modules in a row	0.15	1
▷ 41310	PD-RB-2LEM33	welt around the hole for cables RxB 33 modules in a row	0.15	1



DZ FLUSH-MOUNTED DISTRIBUTION BOARDS

Type	DZ, DN
Standards	EN 60439-1, EN 60439-3, EN 62208
Approval marks	CE ETC
Colour	grey (RAL 7035) ¹⁾
Degree of protection	IP43
For circuits up to rated voltages	1000 V a.c., 1500V d.c.
For circuits up to rated current	400 A
Rated short-time withstand current I_{cwe}	up to 36 kA
Place of use	indoor / for outdoor use we recommend consultation with the manufacturer
Sea level	up to 1000 m
Protection class	I
Door	opening: standardly left / easily modifiable to right; DZ...EI30 only left design: non-transparent transparent custom production
Material	steel sheet
Mounting	flush / wall
Fire resistance	EI30 only for terminal boards marked DZ...EI30

¹⁾ on demand we can perform painting in other colour according to RAL colour chart RAL

Type identification

DZ43-2403-EI30

DZ - for flush mounting
DN - for wall mounting
43 - degree of protection IP43

EI30 - fire resistance (only by DZ43)
03 - number of rows
24 - modules in a row

Cabinet design description

Frame

- welded from sheet thick 1.3 mm (DZ); 1.5 mm (DN, DZ...EI30)
- earthing points for connection of earth conductor
- in design with fire resistance EI30 it is equipped with fire-proof sealing piece GRENAMAT

„U“ rails

- (accessories)
- according to EN 60715

Device rails

- (accessories)
- sheet of thickness 2 mm, rail height 50, 100 mm
 - installation by means of sliding brackets PD-D-...DP..

Modular rails

- (part of supply)
- sheet of thickness 1.5 mm

Covers for modular system

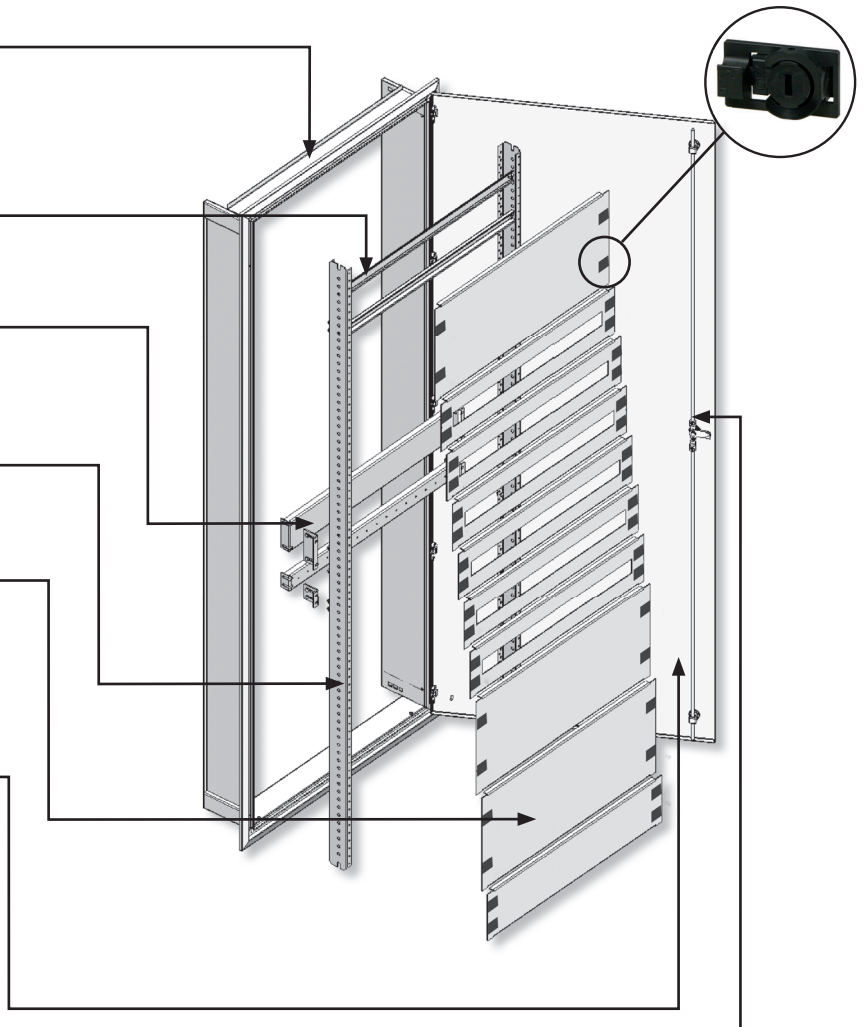
- (accessories)
- plastic of thickness 2 mm
 - with cut-out 45 mm, covers height 150 mm
 - without cut-out, covers height 50, 150, 300, 450 mm
 - fastening by means of quick-acting closures with handles

Door

- sheet of thickness 1.5 mm
- left, easily modifiable to right
- earthing points for connection of protective conductor
- opening door 120°
- in design with fire resistance EI30 it is equipped with fire-proof sealing plate GRENAMAT
- double door from internal width 910 mm

Closing

- 3 - 6 rows 1 tongue lock (internal square 6 x 6 mm)
- 7 - 10 rows 2 tongue locks (internal square 6 x 6 mm)
- 11 - 13 rows three-point bar closure (internal square 6 x 6 mm)



Three-point closure is used for all fire-resistant designs.



DZ FLUSH-MOUNTED DISTRIBUTION BOARDS

- For building, housing and industrial installations.
- The distribution board is normally equipped with modular rails for installation of device rails and covers.
- Lock insert is formed by internal square 6 x 6 mm.
- Package contains:
 - frame
 - modular rails
 - coupling elements

Purchase order example:

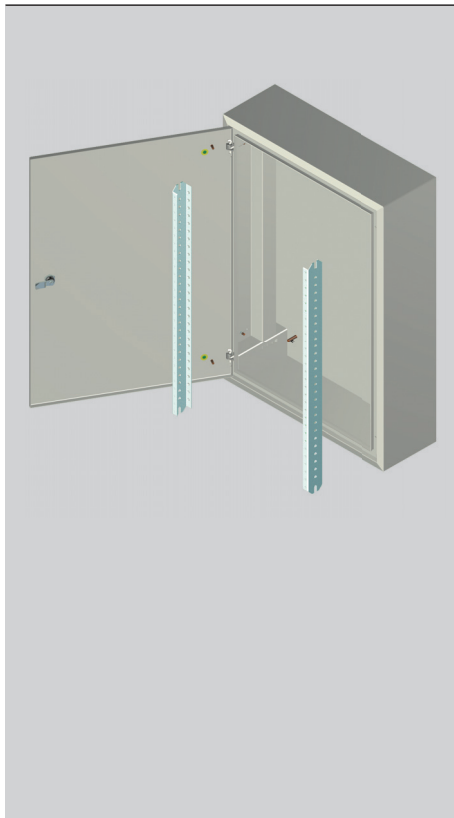
Code	Type	Product name	pcs
39370	DZ43-3509	Flush-mounted distribution board DZ	1
39455	PD-D-KMV01535	Modular system cover DZ with cut-out, height 150 mm	4
39599	PD-D-KM00535	Modular system cover DZ without cut-out, height 50 mm	1
39459	PD-D-KM01035	Modular system cover DZ without cut-out, height 100 mm	1
39463	PD-D-KM01535	Modular system cover DZ without cut-out, height 150 mm	1
39471	PD-D-KM04535	Modular system cover DZ without cut-out, height 450 mm	1
39354	PD-R-ZAS1000-S	Grey blind plate (RAL 7035), 55 modules	1
39501	PD-D-L35-VU35	„U“ rail TH35-15	4

- Distri configurator can be used for specification of the distribution board

Selection table

Frame internal dimensions		Number of modules in a row	Number of rows	Max. total number of modules	Door design	Number of meters in a row	Max. number of rows of electric meters	Type	Code	Weight [kg]	Heat dissipation [W] *	Package [pcs]
height	width											
550	510	24	3	72	1K	2	1	DZ43-2403	39358	16	62	1
750			5	120			1	DZ43-2405	39359	20	79	1
950			6	144			2	DZ43-2406	39360	23	96	1
1150			7	168			2	DZ43-2407	39361	27	113	1
1350			9	216			3	DZ43-2409	39362	31	130	1
1550			10	240			3	DZ43-2410	39363	35	148	1
1750			11	264			4	DZ43-2411	39364	38	165	1
1950			13	312			4	DZ43-2413	39365	42	182	1
550	710	35	3	105	1K	3	1	DZ43-3503	39366	19	79	1
750			5	175			1	DZ43-3505	39367	23	101	1
950			6	210			2	DZ43-3506	39368	28	123	1
1150			7	245			2	DZ43-3507	39369	32	145	1
1350			9	315			3	DZ43-3509	39370	36	167	1
1550			10	350			3	DZ43-3510	39371	41	189	1
1750			11	385			4	DZ43-3511	39372	45	211	1
1950			13	455			4	DZ43-3513	39373	49	233	1
550	910	46	3	138	2K	4	1	DZ43-4603	39374	22	96	1
750			5	230			1	DZ43-4605	39375	26	123	1
950			6	276			2	DZ43-4606	39376	31	150	1
1150			7	322			2	DZ43-4607	39377	36	176	1
1350			9	414			3	DZ43-4609	39378	41	203	1
1550			10	460			3	DZ43-4610	39379	46	230	1
1750			11	506			4	DZ43-4611	39380	51	256	1
1950			13	598			4	DZ43-4613	39381	56	283	1
550	1110	57	3	171	2K	5	1	DZ43-5703	39382	25	114	1
750			5	285			1	DZ43-5705	39383	30	145	1
950			6	342			2	DZ43-5706	39384	36	177	1
1150			7	399			2	DZ43-5707	39385	41	208	1
1350			9	513			3	DZ43-5709	39386	47	240	1
1550			10	570			3	DZ43-5710	39387	52	271	1
1750			11	627			4	DZ43-5711	39388	58	302	1
1950			13	741			4	DZ43-5713	39389	63	334	1

*) according to IEC 890 + A1 - A method of temperature-rise assessment by extrapolation for partially type-tested assemblies (PTTA) of low-voltage switchgear and control gear, $\Delta T = 15 K$ (difference between internal and external temperature)



DN WALL-MOUNTED DISTRIBUTION BOARDS

- For building, housing and industrial installations.
 - The distribution board is normally equipped with modular rails for installation of device rails and covers.
 - Lock insert is formed by internal square 6 x 6 mm.
- Package contains:
 - frame
 - modular rails
 - coupling elements

Purchase order example:

Code	Type	Product name	pcs
39434	DN43-3509	Wall-mounted distribution board DN	1
39505	PD-D-1E335	Electrometer plate	1
39455	PD-D-KMV01535	Modular system cover DN with cut-out, height 150 mm	4
39599	PD-D-KM00535	Modular system cover DN without cut-out, height 50 mm	2
39459	PD-D-KM01035	Modular system cover DN without cut-out, height 100 mm	1
39463	PD-D-KM01535	Modular system cover DN without cut-out, height 150 mm	1
39354	PD-R-ZAS1000-S	Grey blind plate (RAL 7035), 55 modules	1
39501	PD-D-L35-VU35	„U“ rail TH35-15	5

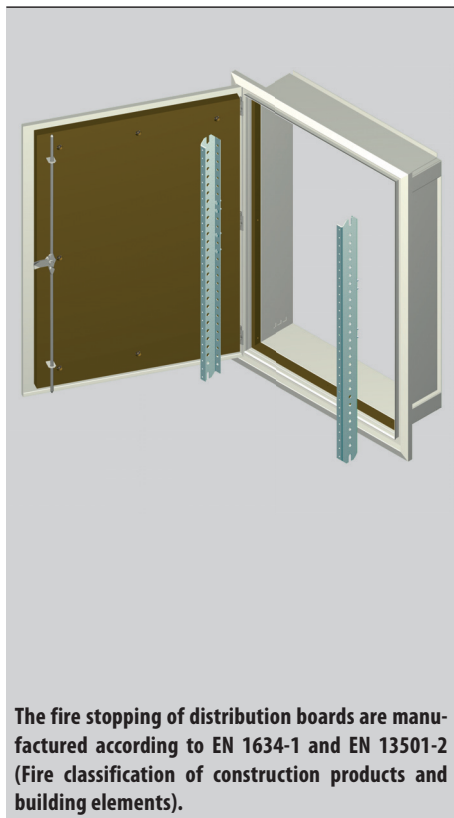
- Distri configurator can be used for specification of the distribution board

Selection table

Frame internal dimensions		Number of modules in a row	Number of rows	Max. total number of modules	Door design	Number of meters in a row	Max. number of rows of electric meters	Type	Code	Weight [kg]	Heat dissipation [W]*	Package [pcs]
height**	width											
650	510	24	3	72	1K	2	1	DN43-2403	39422	23	88	1
850			5	120			1	DN43-2405	39423	28	110	1
1050			6	144			2	DN43-2406	39424	33	131	1
1250			7	168			2	DN43-2407	39425	39	149	1
1450			9	216			3	DN43-2409	39426	44	174	1
1650			10	240			3	DN43-2410	39427	48	192	1
1850			11	264			4	DN43-2411	39428	53	217	1
2050			13	312			4	DN43-2413	39429	58	238	1
650	710	35	3	105	1K	3	1	DN43-3503	39430	28	109	1
850			5	175			1	DN43-3505	39431	34	135	1
1050			6	210			2	DN43-3506	39432	39	161	1
1250			7	245			2	DN43-3507	39433	46	183	1
1450			9	315			3	DN43-3509	39434	52	214	1
1650			10	350			3	DN43-3510	39435	58	235	1
1850			11	385			4	DN43-3511	39436	64	266	1
2050			13	455			4	DN43-3513	39437	70	292	1
650	910	46	3	138	2K	4	1	DN43-4603	39438	32	130	1
850			5	230			1	DN43-4605	39439	39	161	1
1050			6	276			2	DN43-4606	39440	46	192	1
1250			7	322			2	DN43-4607	39441	54	217	1
1450			9	414			3	DN43-4609	39442	61	253	1
1650			10	460			3	DN43-4610	39443	68	278	1
1850			11	506			4	DN43-4611	39444	75	314	1
2050			13	598			4	DN43-4613	39445	81	345	1
650	1110	57	3	171	2K	5	1	DN43-5703	39446	37	151	1
850			5	285			1	DN43-5705	39447	45	187	1
1050			6	342			2	DN43-5706	39448	53	222	1
1250			7	399			2	DN43-5707	39449	62	251	1
1450			9	513			3	DN43-5709	39450	69	293	1
1650			10	570			3	DN43-5710	39451	78	322	1
1850			11	627			4	DN43-5711	39452	85	363	1
2050			13	741			4	DN43-5713	39453	93	398	1

*) according to IEC 890 + A1 - A method of temperature-rise assessment by extrapolation for partially type-tested assemblies (PTTA) of low-voltage switchgear and control gear, $\Delta T = 15 K$ (difference between internal and external temperature)

**) total height for covering = (cabinet height - 100 mm)



The fire stopping of distribution boards are manufactured according to EN 1634-1 and EN 13501-2 (Fire classification of construction products and building elements).

DZ...EI30 FIRE RESISTANT FLUSH-MOUNTED DISTRIBUTION BOARDS

- For building, housing and industrial installations.
- The distribution board is normally equipped with modular rails for installation of device rails and covers.
- Fire-proof insulation GRENAMAT.
- Three-point bar closure.
- Package contains:
 - frame
 - modular rails
 - coupling elements

Purchase order example:

Code	Type	Product name	pcs
39402	DZ43-3509-EI30	Fire resistant flush-mounted distribution board DZ...EI30	1
39455	PD-D-KMW01535	Modular system cover DZ with cut-out, height 150 mm	4
39599	PD-D-KM00535	Modular system cover DZ without cut-out, height 50 mm	1
39459	PD-D-KM01035	Modular system cover DZ without cut-out, height 100 mm	1
39463	PD-D-KM01535	Modular system cover DZ without cut-out, height 150 mm	1
39471	PD-D-KM04535	Modular system cover DZ without cut-out, height 450 mm	1
39354	PD-R-ZAS1000-S	Grey blind plate (RAL 7035), 55 modules	1
39501	PD-D-L35-VU35	„U“ rail TH35-15	4

- Distri configurator can be used for specification of the distribution board

FIRE RESISTANCE CERTIFICATION EI30

The product has been certified in the authorized testing laboratory PAVUS a.s. (Authorized body no. 216, Notified body no. 1391) Prosecká 412/74, 190 00 Praha 9 - Prosek.

Certificates numbers:

No. 216/C5a/2010/0062 One-leaf closure of the distribution board, type „DZ43-1K2“

No. 216/C5a/2010/0063 Two-leaf closure of the distribution board, type „DZ43-2K2“

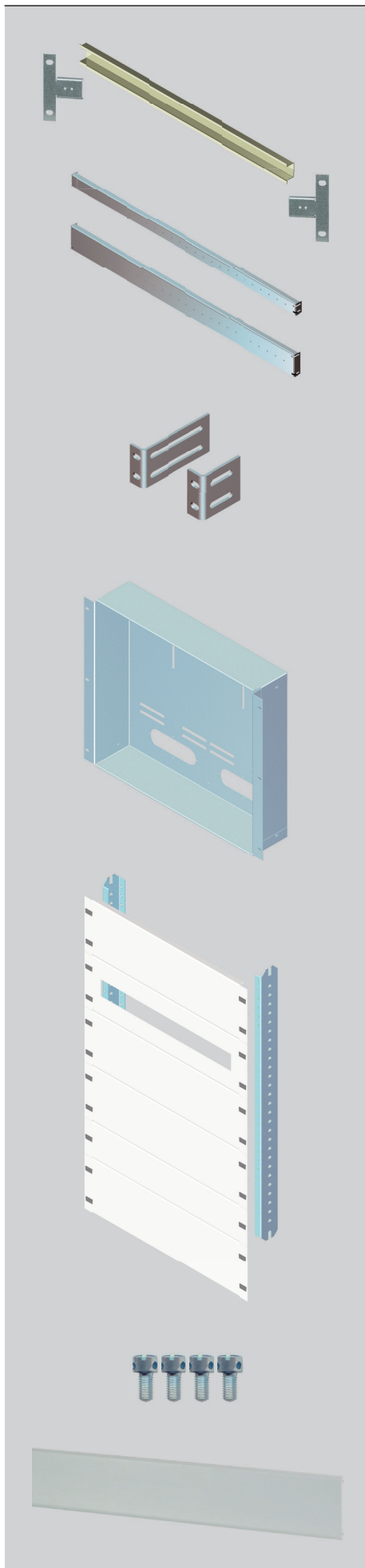
Both certificates confirm the fulfillment of the requirements of classification of Reaction to fire Class A1 according to Commission Decision 96/603/EC and fire resistance according to EN 1634-1 satisfactory for EI₂₀ / EI₂₀ / EW60.

Selection table

Frame internal dimensions		Number of modules in a row	Number of rows	Max. total number of modules	Door design **	Number of meters in a row	Max. number of rows of electric meters	Type	Code	Weight [kg]	Heat dissipation [W] *	Package [pcs]
height	width											
550	510	24	3	72	1K	2	1	DZ43-2403-EI30	39390	42	56	1
750			5	120			1	DZ43-2405-EI30	39391	48	72	1
950			6	144			2	DZ43-2406-EI30	39392	54	88	1
1150			7	168			2	DZ43-2407-EI30	39393	61	104	1
1350			9	216			3	DZ43-2409-EI30	39394	67	120	1
1550			10	240			3	DZ43-2410-EI30	39395	73	136	1
1750			11	264			4	DZ43-2411-EI30	39396	80	152	1
1950			13	312			4	DZ43-2413-EI30	39397	86	168	1
550	710	35	3	105	1K	3	1	DZ43-3503-EI30	39398	47	72	1
750			5	175			1	DZ43-3505-EI30	39399	55	93	1
950			6	210			2	DZ43-3506-EI30	39400	62	113	1
1150			7	245			2	DZ43-3507-EI30	39401	70	134	1
1350			9	315			3	DZ43-3509-EI30	39402	77	155	1
1550			10	350			3	DZ43-3510-EI30	39403	85	176	1
1750			11	385			4	DZ43-3511-EI30	39404	92	196	1
1950			13	455			4	DZ43-3513-EI30	39405	100	217	1
550	910	46	3	138	2K	4	1	DZ43-4603-EI30	39406	53	88	1
750			5	230			1	DZ43-4605-EI30	39407	62	113	1
950			6	276			2	DZ43-4606-EI30	39408	71	139	1
1150			7	322			2	DZ43-4607-EI30	39409	80	164	1
1350			9	414			3	DZ43-4609-EI30	39410	88	189	1
1550			10	460			3	DZ43-4610-EI30	39411	97	215	1
1750			11	506			4	DZ43-4611-EI30	39412	106	240	1
1950			13	598			4	DZ43-4613-EI30	39413	115	265	1
550	1110	57	3	171	2K	5	1	DZ43-5703-EI30	39414	59	105	1
750			5	285			1	DZ43-5705-EI30	39415	69	134	1
950			6	342			2	DZ43-5706-EI30	39416	79	164	1
1150			7	399			2	DZ43-5707-EI30	39417	89	194	1
1350			9	513			3	DZ43-5709-EI30	39418	99	224	1
1550			10	570			3	DZ43-5710-EI30	39419	109	254	1
1750			11	627			4	DZ43-5711-EI30	39420	119	284	1
1950			13	741			4	DZ43-5713-EI30	39421	129	314	1

*) according to IEC 890 + A1 - A method of temperature-rise assessment by extrapolation for partially type-tested assemblies (PTTA) of low-voltage switchgear and control gear, ΔT = 15 K (difference between internal and external temperature)

**) door 1K - single, closure type DZ43-1K2; door 2K - double, closure type DZ43-2K2



ACCESSORIES DZ, DN

Code	Type	Weight [kg]	Package [sets]
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„U“ rails height 15 mm

39500	PD-D-L35-VU24	0.19	1
39501	PD-D-L35-VU35	0.26	1
39502	PD-D-L35-VU46	0.364	1
39503	PD-D-L35-VU57	0.42	1

57 - distribution board width [modules]

Sliding device rail brackets for DZ, DN

39494	PD-D-50DP50	0.1	1
39495	PD-D-50DP100	0.12	1
39757	PD-D-100DP50	0.2	1
39758	PD-D-100DP100	0.24	1

100DP - bracket height [mm];
DP100 - bracket depth [mm]

Code	Type	Weight [kg]	Package [sets]
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Device rails for DZ, DN

39719	PD-D-50LP24	0.69	1
39720	PD-D-100LP24	1.09	1
▷ 41312	PD-D-130LP24	1.43	1
▷ 39721	PD-D-50LP35	0.94	1
39722	PD-D-100LP35	1.17	1
▷ 41313	PD-D-130LP35	1.9	1
39723	PD-D-50LP46	1.34	1
39724	PD-D-100LP46	1.92	1
▷ 41314	PD-D-130LP46	2.4	1
39725	PD-D-50LP57	1.45	1
▷ 39726	PD-D-100LP57	2.34	1
▷ 41315	PD-D-130LP57	2.9	1

130 - rail height [mm];
57 - distribution board width [modules]
For fastening PD-D-...LPU.. It is necessary to use sliding brackets PD-D-...DP..

Code	Type	Weight [kg]	Package [sets]
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Device rails for DZ, DN

39474	PD-D-50LP24	0.65	1
39479	PD-D-50LP35	0.9	1
39484	PD-D-50LP46	1.3	1
39489	PD-D-50LP57	1.41	1

50 - rail height [mm];
57 - distribution board width [modules]

Code	Type	Tank height [mm]	Weight [kg]	Package [sets]
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Electrometer plates

39504	PD-D-1E224	400	2.8	1
39505	PD-D-1E335	400	3.2	1
39506	PD-D-1E446	400	3.6	1
39507	PD-D-1E557	400	4.2	1
39759	PD-D-1E224-450	450	3.0	1

Code	Type	Weight [kg]	Package [sets]
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Covers IP20 without cut-out 45 mm for modular system for DZ, DN

39598	PD-D-KM00524	0.17	1
39599	PD-D-KM00535	0.21	1
39600	PD-D-KM00546	0.3	1
39601	PD-D-KM00557	0.34	1
39458	PD-D-KM01024	0.25	1
39459	PD-D-KM01035	0.31	1
39460	PD-D-KM01046	0.45	1
39461	PD-D-KM01057	0.51	1
39462	PD-D-KM01524	0.26	1
39463	PD-D-KM01535	0.35	1

Code	Type	Weight [kg]	Package [sets]
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Covers IP20 without cut-out 45 mm for modular system for DZ, DN

39464	PD-D-KM01546	0.5	1
39465	PD-D-KM01557	0.56	1
39466	PD-D-KM03024	0.48	1
39467	PD-D-KM03035	0.66	1
39468	PD-D-KM03046	0.97	1
39469	PD-D-KM03057	1.08	1
39470	PD-D-KM04524	0.94	1
39471	PD-D-KM04535	1.05	1
39472	PD-D-KM04546	1.1	1
39473	PD-D-KM04557	2.1	1

45 - cover height [cm];
57 - distribution board width [modules]

Code	Type	Weight [kg]	Package [sets]
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Covers IP20 with cut-out 45 mm for modular system for DZ, DN

39454	PD-D-KMV01524	0.24	1
39455	PD-D-KMV01535	0.28	1
39456	PD-D-KMV01546	0.35	1
39457	PD-D-KMV01557	0.45	1

15 - cover height [cm];
57 - distribution board width [modules]

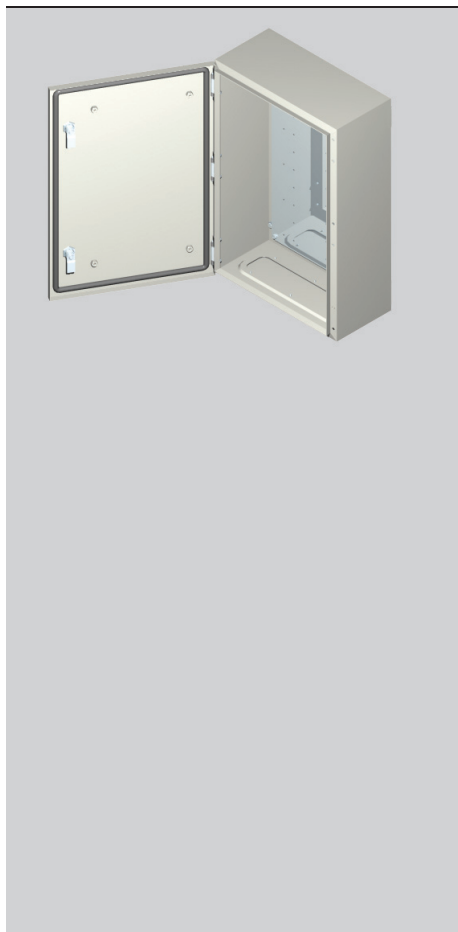
Sealing screws

39732	PD-D-UM5P	0.015	1
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Code	Type	Length [modules]	Colour	Weight [kg]	Package [sets]
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Blind plates

39354	PD-R-ZAS1000-S	55	grey (RAL7035)	0.142	1
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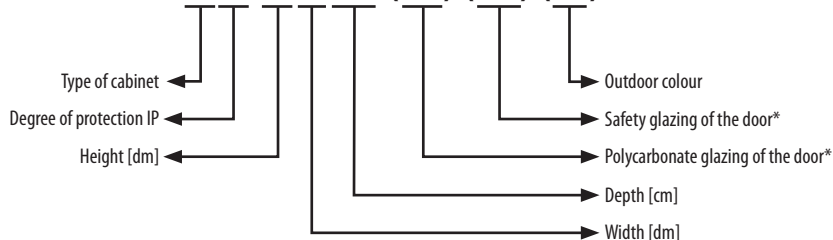
NP WALL-MOUNTED CABINETS

Type	NP65
For circuits up to rated voltages	1000 V a.c. , 1500 V d.c.
Degree of protection	IP65
Sealing material	Air expanded polyurethane
Maximum permissible load of frame	see the catalogue Distribution boards and switchboard cabinets
Maximum permissible load of door	see the catalogue Distribution boards and switchboard cabinets page
Stage of protection against external mechanical shocks	IK09
Colour	grey (RAL 7035) ¹⁾
Place of use	Indoor For outdoor use we recommend consultation with the manufacturer
Ambient temperature	-5 ÷ +40 °C
Sea level	up to 1000 m
Standards	EN 62208, EN 60439-1

¹⁾ on demand we can perform painting in other colour according to RAL colour chart RAL

Type identification

NP65-0806025-(WP)-(WG)-(BV)



* Note: max. size of door glazing is by 200 mm smaller than the nominal width (height) of the cabinet.

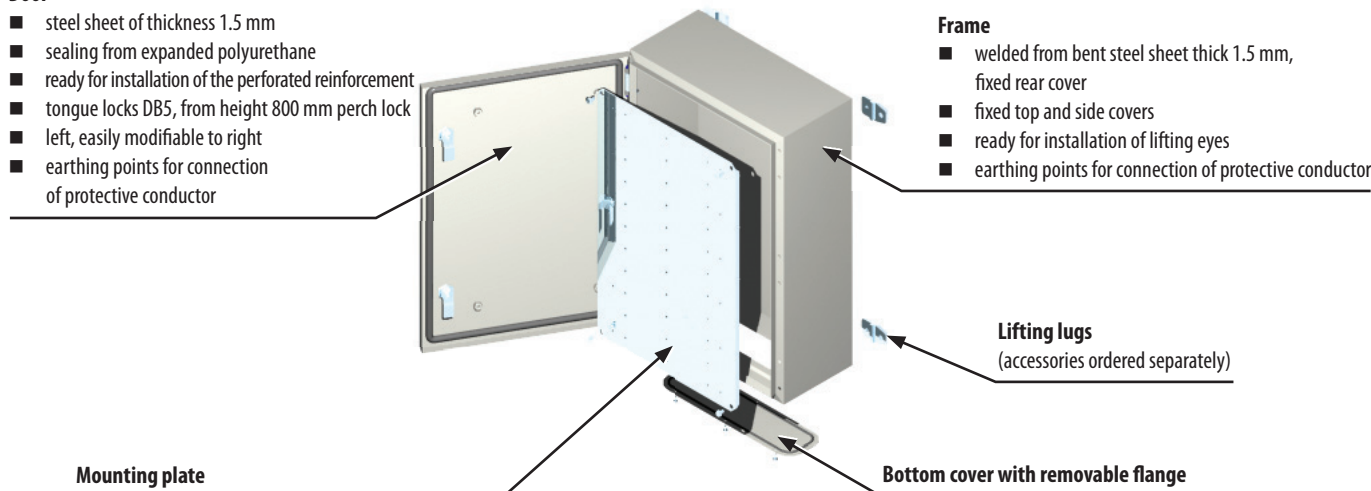
Cabinet design description

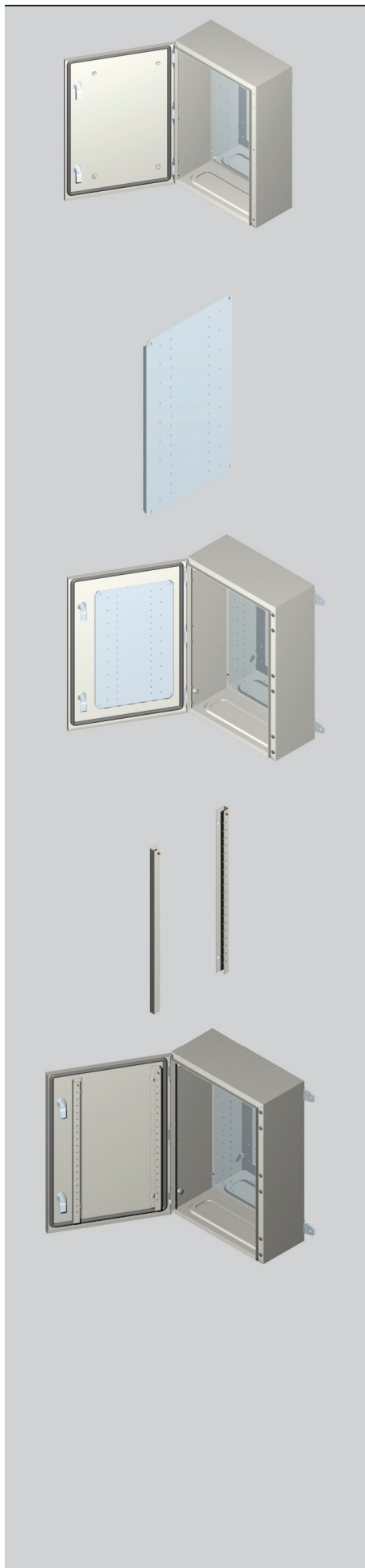
Door

- steel sheet of thickness 1.5 mm
- sealing from expanded polyurethane
- ready for installation of the perforated reinforcement
- tongue locks DB5, from height 800 mm perch lock
- left, easily modifiable to right
- earthing points for connection of protective conductor

Frame

- welded from bent steel sheet thick 1.5 mm, fixed rear cover
- fixed top and side covers
- ready for installation of lifting eyes
- earthing points for connection of protective conductor





Code	Type	Weight [kg]	Package [pcs]
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NP65, degree of protection IP65

18690	NP65-0302012	4.7	1
18691	NP65-0302015	5	1
18692	NP65-0302020	5.5	1
18693	NP65-0303020	7.5	1
18694	NP65-0304015	8.5	1
18695	NP65-0304020	9.5	1
18696	NP65-0403015	8.5	1
18697	NP65-0403020	9.5	1
18698	NP65-0404015	10.5	1
18699	NP65-0404020	12.5	1
18800	NP65-0405015	12.5	1
18801	NP65-0405020	13.5	1
18802	NP65-0406015	14.5	1
18803	NP65-0406020	15.5	1
18804	NP65-0406025	17	1
18805	NP65-0503020	11.5	1
18806	NP65-0504015	12.5	1
18807	NP65-0504020	13.5	1
20692	NP65-0504025	14.5	1
18808	NP65-0505015	15	1
18809	NP65-0505020	16	1
18810	NP65-0505025	16.5	1
18811	NP65-0507020	21	1
18812	NP65-0507025	22.5	1
18813	NP65-0604015	14.5	1
18814	NP65-0604020	15.5	1
18815	NP65-0604025	17	1
20693	NP65-0605015	17.5	1
18816	NP65-0606020	21.5	1
18817	NP65-0606025	24	1
18818	NP65-0606030	27	1
18819	NP65-0608025	31.5	1
18820	NP65-0608030	33	1
18821	NP65-0705020	21	1
18822	NP65-0705025	22.5	1
18823	NP65-0806025	29.5	1
18824	NP65-0806030	31.5	1
18825	NP65-0808030	39	1
18826	NP65-0808040	43	1
20694	NP65-1006025	35	1
20695	NP65-1008025	42	1
18827	NP65-1008030	47.5	1
18828	NP65-1008040	51.5	1
18829	NP65-1206025	43	1
18830	NP65-1208030	55.5	1
18831	NP65-1208040	60	1

12 - cabinet height, 08 - cabinet width [dm]

Code	Type	Weight [kg]	Package [pcs]
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Mounting plates on door of cabinet NP65

18832	PD-N-MPD0303	1.4	1
18833	PD-N-MPD0304	1.9	1
18834	PD-N-MPD0403	1.9	1
18835	PD-N-MPD0404	2.6	1
18836	PD-N-MPD0405	3.2	1
18837	PD-N-MPD0406	3.8	1
18838	PD-N-MPD0503	2.4	1
18839	PD-N-MPD0504	3.2	1
18840	PD-N-MPD0505	4	1
18841	PD-N-MPD0507	5.6	1
18842	PD-N-MPD0604	3.8	1
21140	PD-N-MPD0605	4.8	1
18843	PD-N-MPD0606	5.8	1
18844	PD-N-MPD0608	7.7	1
18845	PD-N-MPD0705	5.6	1
18846	PD-N-MPD0806	7.7	1
18847	PD-N-MPD0808	10.2	1
21141	PD-N-MPD1006	9.7	1
18848	PD-N-MPD1008	12.8	1
18849	PD-N-MPD1206	11.5	1
18850	PD-N-MPD1208	15.4	1

12 - cabinet height, 08 - cabinet width [dm]

Code	Type	Weight [kg]	Package [pcs]
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Door reinforcers of cabinet NP65

18851	PD-N-VY0303	0.6	1
18852	PD-N-VY0304	0.6	1
18853	PD-N-VY0403	0.8	1
18854	PD-N-VY0404	0.8	1
18855	PD-N-VY0405	0.8	1
18856	PD-N-VY0406	0.8	1
18857	PD-N-VY0503	1	1
18858	PD-N-VY0504	1	1
18859	PD-N-VY0505	1	1
18860	PD-N-VY0507	1	1
18861	PD-N-VY0604	1.2	1
21142	PD-N-VY0605	1.2	1
18862	PD-N-VY0606	1.2	1
18863	PD-N-VY0608	1.2	1
18864	PD-N-VY0705	1.4	1
18865	PD-N-VY0806	1.6	1
18866	PD-N-VY0808	1.6	1
21143	PD-N-VY1006	1.8	1
18867	PD-N-VY1008	1.8	1
18868	PD-N-VY1206	2	1
18869	PD-N-VY1208	2	1

12 - cabinet height, 08 - cabinet width [dm]



Code	Type	Weight [kg]	Package [pcs]
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Adjustable-depth systems for NP65 cabinets

18871	PD-N-P04020	2	1
18872	PD-N-P04025	2	1
18873	PD-N-P05020	2.5	1
18874	PD-N-P05025	2.5	1
18875	PD-N-P06020	3	1
18876	PD-N-P06025	3	1
18877	PD-N-P06030	3	1
18878	PD-N-P07020	3.5	1
18879	PD-N-P07025	3.5	1
18880	PD-N-P08025	4	1
18881	PD-N-P08030	4	1
18882	PD-N-P08040	4	1
21144	PD-N-P10025	4.5	1
18883	PD-N-P10030	4.5	1
18884	PD-N-P10040	4.5	1
18885	PD-N-P12025	5	1
18886	PD-N-P12030	5	1
18887	PD-N-P12040	5	1

12 - cabinet height, 40 - cabinet width [dm]

Covers IP20 with cut-out 45 mm for modular system for cabinets NP65

18908	PD-N-KMV01503	0.33	1
18909	PD-N-KMV01504	0.47	1
18910	PD-N-KMV01505	0.59	1
18911	PD-N-KMV01506	0.72	1
18912	PD-N-KMV01507	0.86	1
18913	PD-N-KMV01508	0.99	1
18914	PD-N-KMV02002	0.38	1
18915	PD-N-KMV02003	0.51	1
18916	PD-N-KMV02004	0.62	1
18917	PD-N-KMV02005	0.78	1
18918	PD-N-KMV02006	0.93	1
18919	PD-N-KMV02007	1.02	1
18920	PD-N-KMV02008	1.18	1

20 - cover height [cm], 8 - cabinet width [dm]

Spacers for QA, KB, NP

33786	PD-QK-D1M51	0.232	10
33787	PD-QK-D1M52	0.258	10
33789	PD-QK-D1M61	0.28	10
33790	PD-QK-D1M62	0.305	10
33791	PD-QK-D1M81	0.437	10
33792	PD-QK-D1M82	0.469	10

...2 - height 22 mm, ...1 - height 19 mm, M8-thread set

Code	Type	Weight [kg]	Package [pcs]
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Modular systems for NP65 cabinets

18890	PD-N-M0304	1.1	1
18891	PD-N-M0403	1.4	1
18892	PD-N-M0404	1.4	1
18893	PD-N-M0405	1.4	1
18894	PD-N-M0406	1.4	1
18895	PD-N-M0503	1.7	1
18896	PD-N-M0504	1.7	1
18897	PD-N-M0505	1.7	1
18898	PD-N-M0507	1.7	1
18899	PD-N-M0604	2	1
20762	PD-N-M0605	2	1
18900	PD-N-M0606	2	1
18901	PD-N-M0608	2	1
18902	PD-N-M0705	2.3	1
18903	PD-N-M0806	2.6	1
18904	PD-N-M0808	2.6	1
20763	PD-N-M1006	3.2	1
18905	PD-N-M1008	3.2	1
18906	PD-N-M1206	4	1
18907	PD-N-M1208	4	1

12 - cabinet height, 08 - cabinet width [dm]

Covers IP20 without cut-out 45 mm for modular system for cabinets NP65

18921	PD-N-KM01503	0.48	1
18922	PD-N-KM01504	0.52	1
18923	PD-N-KM01505	0.63	1
18924	PD-N-KM01506	0.76	1
18925	PD-N-KM01507	0.85	1
18926	PD-N-KM01508	0.97	1
18927	PD-N-KM02003	0.57	1
18928	PD-N-KM02004	0.69	1
18929	PD-N-KM02005	0.8	1
18930	PD-N-KM02006	0.93	1
18931	PD-N-KM02007	1.07	1
18932	PD-N-KM02008	1.25	1

20 - cabinet height, 08 - cabinet width [dm]

Code	Type	Weight [kg]	Package [pcs]
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Inside door for cabinets NP65

18935	PD-N-VD0403	3.6	1
18936	PD-N-VD0404	4.3	1
18937	PD-N-VD0405	5	1
18938	PD-N-VD0406	5.6	1
18939	PD-N-VD0503	4.2	1
18940	PD-N-VD0504	5	1
18941	PD-N-VD0505	5.7	1
18942	PD-N-VD0507	7.3	1
18943	PD-N-VD0604	5.6	1
21145	PD-N-VD0605	6.5	1
18944	PD-N-VD0606	7.4	1
18945	PD-N-VD0608	9.2	1
18946	PD-N-VD0705	7.3	1
18947	PD-N-VD0806	9.2	1
18948	PD-N-VD0808	11.5	1
21146	PD-N-VD1006	11	1
18949	PD-N-VD1008	13.8	1
18950	PD-N-VD1206	12.9	1
18951	PD-N-VD1208	16.3	1

12 - cabinet height, 08 - cabinet width [dm]

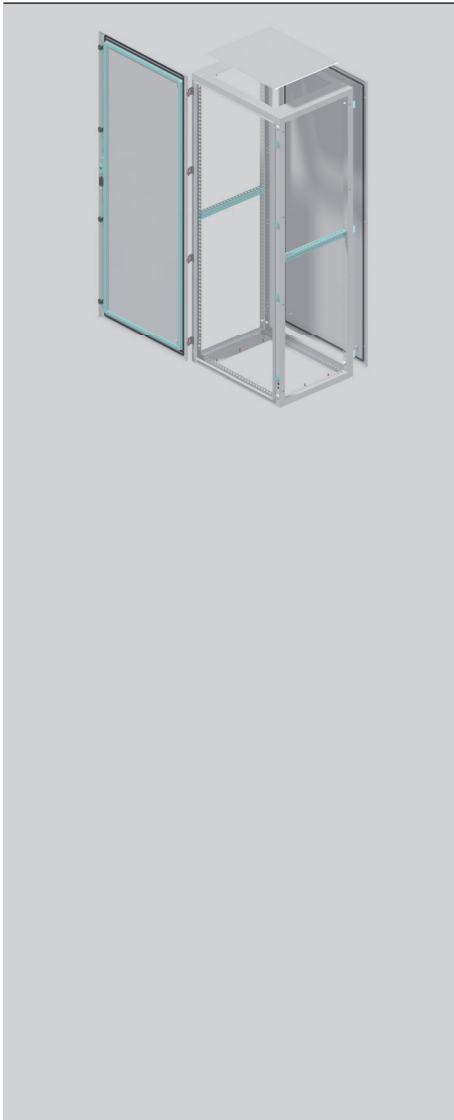
Locks for cabinets NP

18952	PD-N-UD	0.04	1
18954	PD-N-UZ	0.08	1
18955	PD-N-URD	0.08	1
18957	PD-N-URZ	0.1	1

UD - tongue lock -,D"
UZ - tongue lock - lockable insert
URD - plate with insert, D" for bar closing
URZ - plate with locking insert for bar closing

Lifting lugs for NP set

19799	PD-N-4Z08	0.2	1
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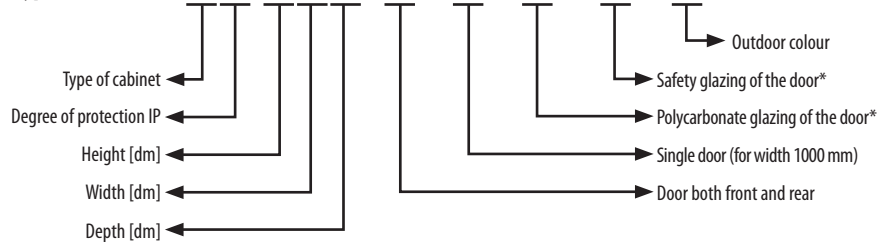


QA SIDE-BY-SIDE CABINETS

Type	QA40	QA55
For circuits up to rated voltages	1000 V a.c., 1500 V d.c.	
Degree of protection	IP40	IP55
Sealing material	–	air expanded polyurethane
Maximum permissible load of frame	600 kg	
Maximum permissible load of door	55 kg	
Stage of protection against external mechanical shocks	IK10	
Colour	grey (RAL 7035) ¹⁾	
Place of use	Indoor For outdoor use we recommend consultation with the manufacturer	
Ambient temperature	-5 ÷ +40 °C	
Sea level	up to 1000 m	
Standards	EN 62208, EN 60439-1	

¹⁾ on demand we can perform painting in other colour according to RAL colour chart RAL

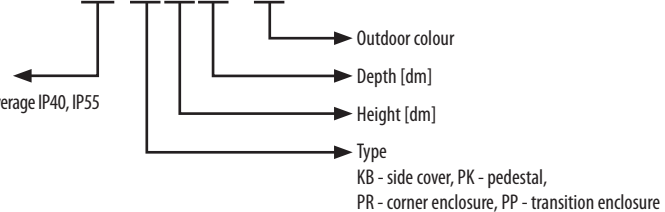
Type identification QA55-200806-(2D)-(1K)-(WP)-(WG)-(BV)



* Note: max size of door glazing is by 300 mm smaller than the nominal width (height) of the cabinet.

Accessories PD-Q.-KB2006-(BV)

- 11 (01) - IP55
- 12 (02) - IP40
- 13 (03) - common for coverage IP40, IP55
- K - accessories QA, KB
- K01 - accessories KB



Cabinet design description

Door

- steel sheet of thickness 1.5 mm
- sealing from expanded polyurethane for coverage IP55
- perforated screwed reinforcement stiffened in corners substantially increased door rigidity
- swivel door handle with an insert DB5
- left, easily modifiable to right
- earthing points for connection of protective conductor
- single up to width 800 mm
- double for width 1000 and 1200 mm
- door opening 180°
- outdoor hinges

Removable rear cover

Removable top cover

Frame

- combined welded/screwed from bent steel sheet thick 2 mm
- internal sides perforated by 25 mm, openings 12,5x12,5 mm
- removable rear cover
- fixed top cover with removable flange
- ready for installation of lifting eyes
- earthing points for connection of protective conductor

Side covers

- (accessories ordered separately)
- for degree of protection IP55 they are equipped with sealing from expanded polyurethane
 - earthing points for connection of protective conductor

2 side rails

Data pocket

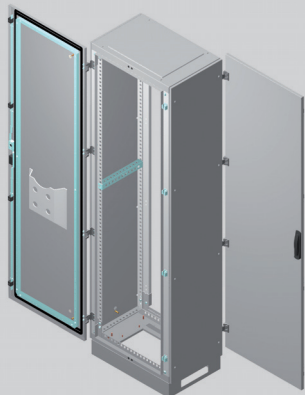
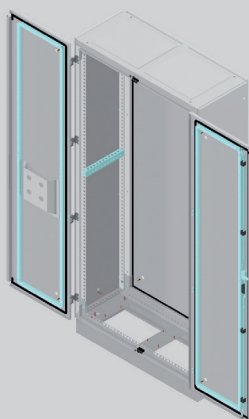
(accessories ordered separately)

Bottom with opening can be covered by sliding covers or one - piece bottom cover (covers shall be ordered separately) - to reach IP55, it is necessary to use the overall bottom cover

Welded pedestal 100 mm

(accessories ordered separately)

side opening can be covered ZAS-S (1 opening = 2 pcs ZAS-S)



Basic version of the cabinet contains:

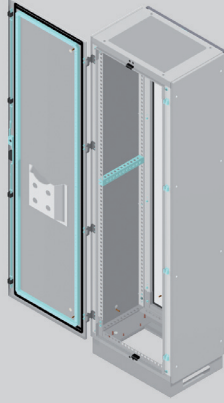
- FRAME
 - removable top cover
 - removable rear cover
 - opening in the bottom
 - 2 side rails
- DOOR
 - swivel door handle
 - insert DBS
 - screwed perforated reinforcement along the whole perimeter of the door stiffened in corners
 - door opening angle 180°

Code	Type	Weight [kg]	Package [pcs]
QA55, degree of protection IP55			
35393	QA55-180603	65.73	1
35394	QA55-180604	68.011	1
35395	QA55-180605	70.29	1
35396	QA55-180606	72.57	1
35397	QA55-180608	77.13	1
35398	QA55-180610	82.73	1
35399	QA55-180803	79.86	1
35400	QA55-180804	86.56	1
35401	QA55-180805	89.91	1
35402	QA55-180806	93.26	1
35403	QA55-180808	99.96	1
35404	QA55-180810	106.66	1
35405	QA55-181003	94.01	1
35406	QA55-181004	97.77	1
35407	QA55-181005	101.53	1
35408	QA55-181006	105.29	1
35409	QA55-181008	112.37	1
35410	QA55-181010	119.07	1
35411	QA55-181203	108.1	1
35412	QA55-181204	112.31	1
35413	QA55-181205	116.52	1
35414	QA55-181206	120.73	1
35415	QA55-181208	129.15	1
35416	QA55-200603	71.32	1
35417	QA55-200604	73.6	1
35418	QA55-200605	75.88	1
35419	QA55-200606	78.16	1
35420	QA55-200608	82.72	1
35421	QA55-200610	87.28	1
35422	QA55-200803	85.45	1
35423	QA55-200804	88.8	1
35424	QA55-200805	92.15	1
35425	QA55-200806	95.5	1
35426	QA55-200808	102.2	1
35427	QA55-200810	108.9	1
35428	QA55-201003	99.6	1
35429	QA55-201004	103.36	1
35430	QA55-201005	107.12	1
35431	QA55-201006	110.88	1
35432	QA55-201008	118.4	1
35433	QA55-201010	125.92	1
35434	QA55-201203	113.71	1
35435	QA55-201204	117.92	1
35436	QA55-201205	122.13	1
35437	QA55-201206	126.34	1
35438	QA55-201208	134.76	1
35439	QA55-220603	76.91	1
35440	QA55-220604	79.19	1
35441	QA55-220605	81.47	1
35442	QA55-220606	83.75	1
35443	QA55-220608	88.31	1
35444	QA55-220610	92.87	1
35445	QA55-220803	91.04	1
35446	QA55-220804	94.39	1
35447	QA55-220805	97.74	1
35448	QA55-220806	101.09	1
35449	QA55-220808	107.79	1
35450	QA55-220810	114.49	1
35451	QA55-221003	105.19	1
35452	QA55-221004	108.95	1
35453	QA55-221005	112.71	1
35454	QA55-221006	116.47	1
35455	QA55-221008	123.99	1
35456	QA55-221010	131.51	1
35457	QA55-221203	119.3	1
35458	QA55-221204	123.51	1
35459	QA55-221205	127.72	1
35460	QA55-221206	131.93	1
35461	QA55-221208	140.35	1

Code	Type	Weight [kg]	Package [pcs]
QA40, degree of protection IP40			
35462	QA40-180603	65.7	1
35463	QA40-180604	67.98	1
35464	QA40-180605	70.2	1
35465	QA40-180606	72.5	1
35466	QA40-180608	77.08	1
35467	QA40-180610	82.69	1
35468	QA40-180803	79.8	1
35469	QA40-180804	86.5	1
35470	QA40-180805	89.87	1
35471	QA40-180806	93.2	1
35472	QA40-180808	99.9	1
35473	QA40-180810	106.6	1
35474	QA40-181003	93.97	1
35475	QA40-181004	97.71	1
35476	QA40-181005	101.47	1
35477	QA40-181006	105.23	1
35478	QA40-181008	112.31	1
35479	QA40-181010	119	1
35480	QA40-181203	108.03	1
35481	QA40-181204	112.26	1
35482	QA40-181205	116.46	1
35483	QA40-181206	120.67	1
35484	QA40-181208	129.09	1
35485	QA40-200603	71.26	1
35486	QA40-200604	73.54	1
35487	QA40-200605	75.82	1
35488	QA40-200606	78.1	1
35489	QA40-200608	82.66	1
35490	QA40-200610	87.22	1
35491	QA40-200803	85.39	1
35492	QA40-200804	88.74	1
35493	QA40-200805	92.09	1
35494	QA40-200806	95.44	1
35495	QA40-200808	102.14	1
35496	QA40-200810	108.84	1
35497	QA40-201003	99.54	1
35498	QA40-201004	103.3	1
35499	QA40-201005	107.06	1
35500	QA40-201006	110.82	1
35501	QA40-201008	118.34	1
35502	QA40-201010	125.86	1
35503	QA40-201203	113.65	1
35504	QA40-201204	117.86	1
35505	QA40-201205	122.07	1
35506	QA40-201206	126.28	1
35507	QA40-201208	134.7	1
35508	QA40-220603	79.85	1
35509	QA40-220604	79.13	1
35510	QA40-220605	81.41	1
35511	QA40-220606	83.69	1
35512	QA40-220608	88.25	1
35513	QA40-220610	92.81	1
35514	QA40-220803	90.98	1
35515	QA40-220804	94.33	1
35516	QA40-220805	97.68	1
35517	QA40-220806	101.03	1
35518	QA40-220808	107.73	1
35519	QA40-220810	114.43	1
35520	QA40-221003	105.13	1
35521	QA40-221004	108.89	1
35522	QA40-221005	112.65	1
35523	QA40-221006	116.41	1
35524	QA40-221008	123.93	1
35525	QA40-221010	131.45	1
35526	QA40-221203	119.24	1
35527	QA40-221204	123.45	1
35528	QA40-221205	127.66	1
35529	QA40-221206	131.87	1
35530	QA40-221208	140.29	1

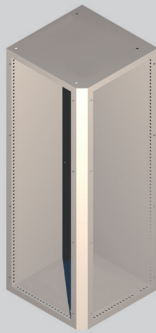
Code	Type	Weight [kg]	Package [pcs]
QA55, degree of protection IP55, 2D			
35706	QA55-180608-2D	77.13	1
35707	QA55-180610-2D	82.73	1
35708	QA55-180808-2D	99.96	1
35709	QA55-180810-2D	106.66	1
35710	QA55-181008-2D	112.37	1
35711	QA55-181010-2D	119.07	1
35712	QA55-181208-2D	129.15	1
35713	QA55-200608-2D	82.72	1
35714	QA55-200610-2D	87.28	1
35715	QA55-200808-2D	102.2	1
35716	QA55-200810-2D	108.9	1
35717	QA55-201008-2D	118.4	1
35718	QA55-201010-2D	125.92	1
35719	QA55-201208-2D	134.76	1
35720	QA55-220608-2D	88.31	1
35721	QA55-220610-2D	92.87	1
35722	QA55-220808-2D	107.79	1
35723	QA55-220810-2D	114.49	1
35724	QA55-221008-2D	123.99	1
35725	QA55-221010-2D	131.51	1
35726	QA55-221208-2D	140.35	1

Code	Type	Weight [kg]	Package [pcs]
QA40, degree of protection IP40, 2D			
35727	QA40-180608-2D	77.08	1
35728	QA40-180610-2D	82.69	1
35729	QA40-180808-2D	99.9	1
35730	QA40-180810-2D	106.6	1
35731	QA40-181008-2D	112.31	1
35732	QA40-181010-2D	119	1
35733	QA40-181208-2D	129.09	1
35734	QA40-200608-2D	82.66	1
35735	QA40-200610-2D	87.22	1
35736	QA40-200808-2D	102.14	1
35737	QA40-200810-2D	108.84	1
35738	QA40-201008-2D	118.34	1
35739	QA40-201010-2D	125.86	1
35740	QA40-201208-2D	134.7	1
35741	QA40-220608-2D	88.25	1
35742	QA40-220610-2D	92.81	1
35743	QA40-220808-2D	107.73	1
35744	QA40-220810-2D	114.43	1
35745	QA40-221008-2D	123.93	1
35746	QA40-221010-2D	131.45	1
35747	QA40-221208-2D	140.29	1



Code	Type	Weight [kg]	Package [pcs]
QA40, degree of protection IP40, width 1000 mm			
37064	QA40-181003-1K	93.97	1
37065	QA40-181004-1K	97.71	1
37066	QA40-181005-1K	101.47	1
37067	QA40-181006-1K	105.23	1
37068	QA40-181008-1K	112.31	1
37069	QA40-181010-1K	119	1
37076	QA40-201003-1K	99.54	1
37077	QA40-201004-1K	103.3	1
37078	QA40-201005-1K	107.06	1
37079	QA40-201006-1K	110.82	1
37080	QA40-201008-1K	118.34	1
37081	QA40-201010-1K	125.86	1
37088	QA40-221003-1K	105.13	1
37089	QA40-221004-1K	108.89	1
37090	QA40-221005-1K	112.65	1
37091	QA40-221006-1K	116.41	1
37092	QA40-221008-1K	123.93	1
37093	QA40-221010-1K	125.86	1

Code	Type	Weight [kg]	Package [pcs]
QA55, degree of protection IP55, width 1000 mm			
37100	QA55-181003-1K	94.01	1
37101	QA55-181004-1K	97.77	1
37102	QA55-181005-1K	101.53	1
37103	QA55-181006-1K	105.29	1
37104	QA55-181008-1K	112.37	1
37105	QA55-181010-1K	119.07	1
37112	QA55-201003-1K	99.6	1
37113	QA55-201004-1K	103.36	1
37114	QA55-201005-1K	107.12	1
37115	QA55-201006-1K	110.88	1
37116	QA55-201008-1K	118.4	1
37117	QA55-201010-1K	125.92	1
37124	QA55-221003-1K	105.19	1
37125	QA55-221004-1K	108.95	1
37126	QA55-221005-1K	112.71	1
37127	QA55-221006-1K	116.47	1
37128	QA55-221008-1K	123.99	1
37129	QA55-221010-1K	131.51	1



ACCESSORIES OF SWITCHBOARD CABINETS

Code	Type	Weight [kg]	Package [pcs]
Corner enclosures for QA, degree of protection IP55			
20909	PD-Q01-PR200604	74	1
20911	PD-Q01-PR200406	74	1
20912	PD-Q01-PR200605	76	1
20913	PD-Q01-PR200506	76	1
20914	PD-Q01-PR200606	78	1
20696	PD-Q01-PR200608	83	1
20915	PD-Q01-PR200804	89	1
20916	PD-Q01-PR200408	89	1
20917	PD-Q01-PR200805	92	1
20918	PD-Q01-PR200508	92	1
20697	PD-Q01-PR200806	96	1
20698	PD-Q01-PR200808	102	1

Code	Type	Weight [kg]	Package [pcs]
Transition enclosures for QA, degree of protection IP55			
20919	PD-Q01-PP200203	28	1
20921	PD-Q01-PP200204	30	1
20922	PD-Q01-PP200205	32	1
20699	PD-Q01-PP200206	34	1
20700	PD-Q01-PP200208	38	1

Code	Type	Weight [kg]	Package [pcs]
Dividing covers between cabinets QA40 and QA55			
20936	PD-Q03-KBD1803	5	1
20937	PD-Q03-KBD1804	8	1
20938	PD-Q03-KBD1805	9	1
20939	PD-Q03-KBD1806	12	1
20941	PD-Q03-KBD1808	16	1
20942	PD-Q03-KBD2003	6	1
20702	PD-Q03-KBD2004	9	1
20703	PD-Q03-KBD2005	12	1
20704	PD-Q03-KBD2006	15	1
20705	PD-Q03-KBD2008	19	1
20943	PD-Q03-KBD2203	7	1
20944	PD-Q03-KBD2204	10	1
20945	PD-Q03-KBD2205	13	1
20946	PD-Q03-KBD2206	16	1
20947	PD-Q03-KBD2208	20	1

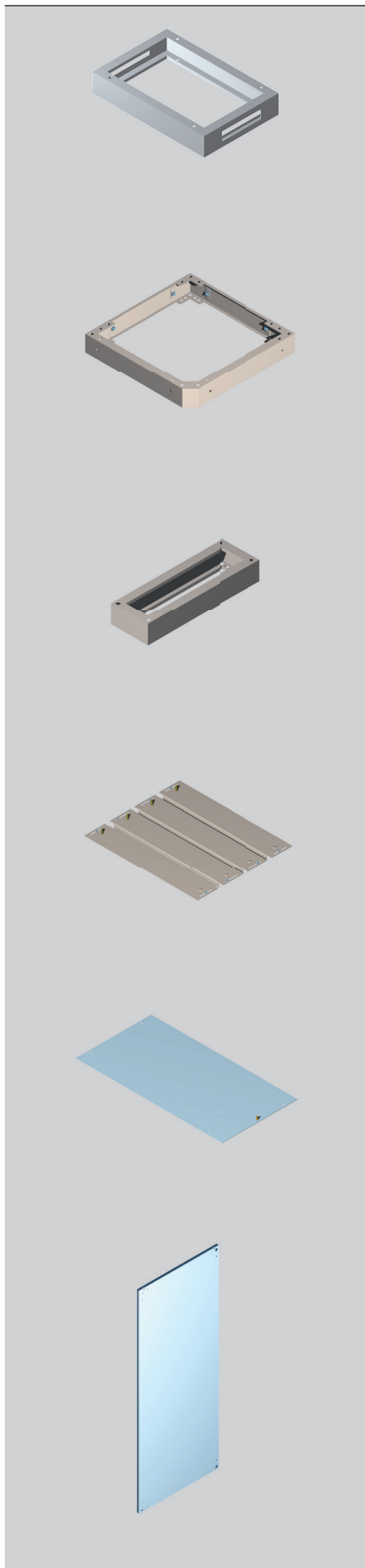
22 - pedestal height, 08 - cabinet depth [dm]

Code	Type	Weight [kg]	Package [pcs]
Side covers for QA55			
35571	PD-Q11-KB1803	13	1
35572	PD-Q11-KB1804	17	1
35573	PD-Q11-KB1805	21	1
35574	PD-Q11-KB1806	25	1
35575	PD-Q11-KB1808	34	1
35576	PD-Q11-KB1810	34	1
35577	PD-Q11-KB2003	15	1
35578	PD-Q11-KB2004	19	1
35579	PD-Q11-KB2005	23	1
35580	PD-Q11-KB2006	27	1
35581	PD-Q11-KB2008	38	1
35582	PD-Q11-KB2010	38	1
35583	PD-Q11-KB2203	117	1
35584	PD-Q11-KB2204	21	1
35585	PD-Q11-KB2205	25	1
35586	PD-Q11-KB2206	30	1
35587	PD-Q11-KB2208	42	1
35588	PD-Q11-KB2210	42	1

Code	Type	Weight [kg]	Package [pcs]
Covers for variable depths of cabinets QA55, degree of protection IP55			
35748	PD-Q11-KBP2002	6.5	1
35749	PD-Q11-KBP2202	7	1

Code	Type	Weight [kg]	Package [pcs]
Side covers for QA40			
35589	PD-Q12-KB1803	13	1
35590	PD-Q12-KB1804	17	1
35591	PD-Q12-KB1805	21	1
35592	PD-Q12-KB1806	25	1
35593	PD-Q12-KB1808	34	1
35594	PD-Q12-KB1810	34	1
35595	PD-Q12-KB2003	7.5	1
35596	PD-Q12-KB2004	19	1
35597	PD-Q12-KB2005	23	1
35598	PD-Q12-KB2006	27	1
35599	PD-Q12-KB2008	38	1
35600	PD-Q12-KB2010	38	1
35601	PD-Q12-KB2203	17	1
35602	PD-Q12-KB2204	21	1
35603	PD-Q12-KB2205	25	1
35604	PD-Q12-KB2206	30	1
35605	PD-Q12-KB2208	42	1
35606	PD-Q12-KB2210	42	1

Code	Type	Weight [kg]	Package [pcs]
Covers for variable depths of cabinets QA40, degree of protection IP40			
35750	PD-Q12-KBP2002	6.5	1
35751	PD-Q12-KBP2202	7	1



Code	Type	Weight [kg]	Package [pcs]
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Pedestals 100 mm for QA40 and QA55

35607	PD-Q13-PK010603	5.8	1
35608	PD-Q13-PK010604	6.4	1
35609	PD-Q13-PK010605	7.05	1
35610	PD-Q13-PK010606	7.7	1
35611	PD-Q13-PK010608	8.9	1
35612	PD-Q13-PK010610	10.1	1
35613	PD-Q13-PK010803	7.1	1
35614	PD-Q13-PK010804	7.7	1
35615	PD-Q13-PK010805	8.35	1
35616	PD-Q13-PK010806	9	1
35617	PD-Q13-PK010808	10.25	1
35618	PD-Q13-PK010810	11.55	1
35619	PD-Q13-PK011003	8.5	1
35620	PD-Q13-PK011004	9.1	1
35621	PD-Q13-PK011005	9.72	1
35622	PD-Q13-PK011006	10.35	1
35623	PD-Q13-PK011008	11.55	1
35624	PD-Q13-PK011010	12.9	1
35625	PD-Q13-PK011203	9.9	1
35626	PD-Q13-PK011204	10.5	1
35627	PD-Q13-PK011205	11.1	1
35628	PD-Q13-PK011206	11.7	1
35629	PD-Q13-PK011208	12.9	1

01 - pedestal height, 12 - cabinet width, 08 - cabinet depth [dm]

Bottom sliding flanges for QA40 and QA55

35752	PD-Q13-3KD0603	0.968	1
35753	PD-Q13-3KD0604	1.446	1
35754	PD-Q13-3KD0605	2.175	1
35755	PD-Q13-3KD0606	2.651	1
35756	PD-Q13-3KD0608	3.943	1
35757	PD-Q13-3KD0610	4.623	1
35758	PD-Q13-3KD0803	1.43	1
35759	PD-Q13-3KD0804	2.154	1
35760	PD-Q13-3KD0805	3.222	1
35761	PD-Q13-3KD0806	3.937	1
35762	PD-Q13-3KD0808	5.877	1
35763	PD-Q13-3KD0810	6.897	1
35764	PD-Q13-3KD1003	1.704	1
35765	PD-Q13-3KD1004	2.6	1
35766	PD-Q13-3KD1005	3.856	1
35767	PD-Q13-3KD1006	4.744	1
35768	PD-Q13-3KD1008	7.14	1
35769	PD-Q13-3KD1010	8.38	1
35770	PD-Q13-3KD1203	2.168	1
35771	PD-Q13-3KD1204	3.316	1
35772	PD-Q13-3KD1205	4.91	1
35773	PD-Q13-3KD1206	6.38	1
35774	PD-Q13-3KD1208	9.082	1

12 - cabinet width, 08 - cabinet depth [dm]

Filler plates between mounting plates for QA40 and QA55

17610	PD-Q03-MPV17	5	1
17611	PD-Q03-MPV19	6	1
17612	PD-Q03-MPV21	7	1

21 - plate height [dm] (cabinet height - 1 dm)

Code	Type	Weight [kg]	Package [pcs]
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Pedestals 200 mm for QA40 and QA55

35630	PD-Q13-PK020603	8.7	1
35631	PD-Q13-PK020604	9.6	1
35632	PD-Q13-PK020605	10.575	1
35633	PD-Q13-PK020606	11.55	1
35634	PD-Q13-PK020608	13.35	1
35635	PD-Q13-PK020610	15.15	1
35636	PD-Q13-PK020803	10.65	1
35637	PD-Q13-PK020804	11.55	1
35638	PD-Q13-PK020805	12.525	1
35639	PD-Q13-PK020806	13.5	1
35640	PD-Q13-PK020808	15.375	1
35641	PD-Q13-PK020810	17.325	1
35642	PD-Q13-PK021003	12.75	1
35643	PD-Q13-PK021004	13.65	1
35644	PD-Q13-PK021005	14.58	1
35645	PD-Q13-PK021006	15.525	1
35646	PD-Q13-PK021008	17.325	1
35647	PD-Q13-PK021010	19.35	1
35648	PD-Q13-PK021203	14.85	1
35649	PD-Q13-PK021204	15.75	1
35650	PD-Q13-PK021205	16.65	1
35651	PD-Q13-PK021206	17.55	1
35652	PD-Q13-PK021208	19.35	1

02 - pedestal height, 12 - cabinet width, 08 - cabinet depth [dm]

One - piece bottom covers for QA40 and QA55

35775	PD-Q13-1KD0603	0.9	1
35776	PD-Q13-1KD0604	1.33	1
35777	PD-Q13-1KD0605	1.72	1
35778	PD-Q13-1KD0606	2.21	1
35779	PD-Q13-1KD0608	3.12	1
35780	PD-Q13-1KD0610	4.02	1
35781	PD-Q13-1KD0803	1.31	1
35782	PD-Q13-1KD0804	1.92	1
35783	PD-Q13-1KD0805	2.63	1
35784	PD-Q13-1KD0806	3.32	1
35785	PD-Q13-1KD0808	4.72	1
35786	PD-Q13-1KD0810	6.08	1
35787	PD-Q13-1KD1003	1.567	1
35788	PD-Q13-1KD1004	2.53	1
35789	PD-Q13-1KD1005	3.41	1
35790	PD-Q13-1KD1006	4.18	1
35791	PD-Q13-1KD1008	5.93	1
35792	PD-Q13-1KD1010	7.68	1
35793	PD-Q13-1KD1203	2.1	1
35794	PD-Q13-1KD1204	3.12	1
35795	PD-Q13-1KD1205	4.21	1
35796	PD-Q13-1KD1206	5.01	1
35797	PD-Q13-1KD1208	7.53	1

12 - cabinet width, 08 - cabinet depth [dm]

Rails for easy mounting MP set

35798	PD-Q13-LMP04	1.42	1
35799	PD-Q13-LMP05	1.92	1
35800	PD-Q13-LMP06	2.23	1
35801	PD-Q13-LMP08	3.48	1
35802	PD-Q13-LMP10	4.71	1

10 - cabinet depth

Code	Type	Weight [kg]	Package [pcs]
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Pedestals 100 mm for corner elements QA40 and QA55

21116	PD-Q03PR-PK010604	6.4	1
21117	PD-Q03PR-PK010406	6.4	1
21118	PD-Q03PR-PK010605	7.05	1
21119	PD-Q03PR-PK010506	7.05	1
15979	PD-Q03PR-PK010606	7.7	1
20714	PD-Q03PR-PK010608	8.9	1
21120	PD-Q03PR-PK010804	7.7	1
21121	PD-Q03PR-PK010408	7.7	1
21122	PD-Q03PR-PK010805	8.35	1
21123	PD-Q03PR-PK010508	8.35	1
20715	PD-Q03PR-PK010806	9	1
20716	PD-Q03PR-PK010808	10.25	1

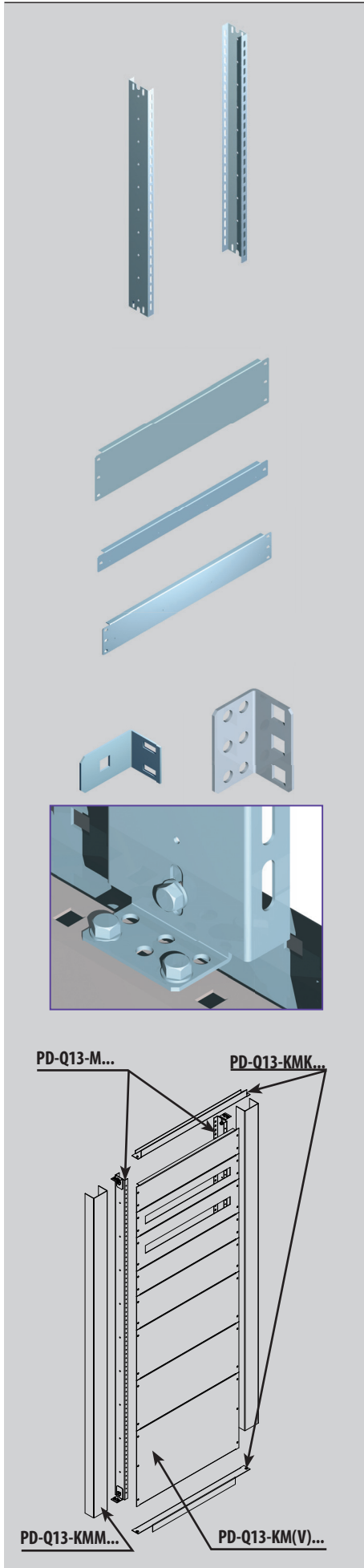
Pedestals 100 mm for transition elements for QA40 and QA55

33408	PD-Q03PP-PK010203	3	1
33409	PD-Q03PP-PK010204	3.5	1
33410	PD-Q03PP-PK010205	4	1
15980	PD-Q03PP-PK010206	4.5	1
33411	PD-Q03PP-PK010208	5.5	1

Mounting plates for QA40 and QA55

17499	PD-Q03-MP1706	21	1
17500	PD-Q03-MP1708	28	1
17601	PD-Q03-MP1710	35	1
17602	PD-Q03-MP1712	42	1
17603	PD-Q03-MP1906	23.5	1
17604	PD-Q03-MP1908	31.5	1
17605	PD-Q03-MP1910	39	1
17606	PD-Q03-MP1912	47	1
17607	PD-Q03-MP2106	26.5	1
17608	PD-Q03-MP2108	35	1
17609	PD-Q03-MP2110	44	1
21132	PD-Q03-MP2112	53	1

21 - plate height (cabinet height - 1 dm), 12 - plate width [dm]



Code	Type	Weight [kg]	Package [pcs]
Rails for back mounting of components (QA)			
17613	PD-QK-76LB06	1.5	1
17614	PD-QK-76LB08	2	1
17615	PD-QK-76LB10	2.5	1
17616	PD-QK-76LB12	3	1
17617	PD-QK-45LB06	1	1
17618	PD-QK-45LB08	1.5	1
17619	PD-QK-45LB10	2	1
17620	PD-QK-45LB12	2.5	1

45 - rail height [mm],
12 - cabinet width/depth [dm]

Code	Type	Weight [kg]	Package [pcs]
Device rails for QA, KB			
17643	PD-QK-40LP06	0.6	1
17644	PD-QK-60LP06	0.8	1
17645	PD-QK-80LP06	1	1
17646	PD-QK-100LP06	1.2	1
17647	PD-QK-120LP06	1.4	1
17648	PD-QK-150LP06	1.6	1
17649	PD-QK-160LP06	1.8	1
17650	PD-QK-200LP06	2	1
17651	PD-QK-40LP08	0.8	1
17652	PD-QK-60LP08	1	1
17653	PD-QK-80LP08	1.2	1
17654	PD-QK-100LP08	1.4	1
17655	PD-QK-120LP08	1.6	1
17656	PD-QK-150LP08	1.8	1
17657	PD-QK-160LP08	2	1
17658	PD-QK-200LP08	2.2	1
17659	PD-QK-40LP10	1	1
17660	PD-QK-60LP10	1.2	1
17661	PD-QK-80LP10	1.4	1
17662	PD-QK-100LP10	1.6	1
17663	PD-QK-120LP10	1.8	1
17664	PD-QK-150LP10	2	1
17665	PD-QK-160LP10	2.2	1
17666	PD-QK-200LP10	2.9	1
20739	PD-QK-80LP12	1.6	1
20740	PD-QK-100LP12	1.8	1
20741	PD-QK-160LP12	2.4	1
20742	PD-QK-200LP12	3.2	1

Code	Type	Weight [kg]	Package [pcs]
Vertical outer covers for QA			
36004	PD-Q13-KMM17	1.17	1
36005	PD-Q13-KMM19	1.3	1
36006	PD-Q13-KMM21	1.42	1

21 - cover height [dm] (cabinet height - 1dm)

Code	Type	Weight [kg]	Package [pcs]
Rails for side/front mounting of components for QA			
35803	PD-Q13-65LBC04	0.7	1
35804	PD-Q13-65LBC05	0.9	1
35805	PD-Q13-65LBC06	1.1	1
35806	PD-Q13-65LBC08	1.3	1
35807	PD-Q13-65LBC10	1.5	1
35808	PD-Q13-65LBC12	1.7	1
35809	PD-Q13-40LBC03	0.4	1
35810	PD-Q13-40LBC04	0.6	1
35811	PD-Q13-40LBC05	0.8	1
35812	PD-Q13-40LBC06	1	1
35813	PD-Q13-40LBC08	1.2	1
35814	PD-Q13-40LBC10	1.4	1

40 - rail height [mm],
10 - cabinet width/depth [dm]

Code	Type	Weight [kg]	Package [pcs]
Vertical rail brackets for QA, KB set			
17642	PD-QK-1D	0.2	1
35815	PD-QK-2D	0.2	1

1D for PD-QK-100LV..., 2D for PD-QK-50LV...

Code	Type	Weight [kg]	Package [pcs]
Modular rails for QA set			
35816	PD-Q13-M17	11.2	1
35817	PD-Q13-M19	12.2	1
35818	PD-Q13-M21	13.1	1
35819	PD-Q13-M17A	7.2	1
35820	PD-Q13-M19A	7.8	1
35821	PD-Q13-M21A	8.4	1

21 - rail height [dm],
A - for combination with Arion

Code	Type	Weight [kg]	Package [pcs]
Sliding device rail brackets for QA, KB set			
20743	PD-QK-DP1	0.4	1

Code	Type	Weight [kg]	Package [pcs]
Front terminal rails for QA, KB			
19738	PD-QK-60LSP06	1	1
19739	PD-QK-60LSP08	1.3	1
19740	PD-QK-60LSP10	1.6	1

60 - rail height [mm], 10 - cabinet width [dm]

Code	Type	Weight [kg]	Package [pcs]
Back terminal rails for QA, KB			
19741	PD-QK-60LSZ06	1	1
19742	PD-QK-60LSZ08	1.3	1
19743	PD-QK-60LSZ10	1.6	1

60 - rail height [mm], 10 - cabinet width [dm]

Code	Type	Weight [kg]	Package [pcs]
Terminal block brackets for QA, KB			
19744	PD-QT-DSM	0.2	1
19745	PD-QT-DSV	0.35	1

M - small 90 mm, V - big 160 mm

Code	Type	Weight [kg]	Package [pcs]
Outer covers for modular system for QA40 and QA55 set			
35846	PD-Q13-KMK06	0.31	1
35847	PD-Q13-KMK08	0.44	1
35848	PD-Q13-KMK10	0.55	1
35849	PD-Q13-KMK12	0.7	1

12 - cabinet width [dm]

Code	Type	Weight [kg]	Package [pcs]
Vertical rails for QA, KB			
17632	PD-QK-100LV06	1.5	1
17633	PD-QK-100LV10	2.4	1
17634	PD-QK-100LV12	2.9	1
17635	PD-QK-100LV14	3.4	1
17636	PD-QK-100LV16	4.4	1
21136	PD-QK-100LV17	4.8	1
17637	PD-QK-100LV18	5.2	1
20736	PD-QK-100LV19	6	1
21137	PD-QK-100LV21	7	1
17638	PD-QK-50LV10	1.7	1
17639	PD-QK-50LV12	2	1
17640	PD-QK-50LV16	2.7	1
21138	PD-QK-50LV17	2.9	1
17641	PD-QK-50LV18	3	1
20737	PD-QK-50LV19	3.5	1
20738	PD-QK-50LV21	4	1

50 - rail width [mm], 21 - rail height [dm]

Code	Type	Weight [kg]	Package [pcs]
Rails for cable holders Sonap for QA, KB			
20744	PD-QK-LKU06	0.7	1
20745	PD-QK-LKU08	1	1
20746	PD-QK-LKU10	1.3	1
20747	PD-QK-LKU12	1.6	1

12 - cabinet width [dm]

Covers IP20 without cut-out 45 mm for modular system for QA40, QA55

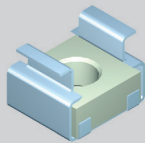
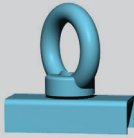
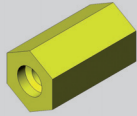
Code	Type	Weight [kg]	Package [pcs]
35830	PD-Q13-KM01506	0.25	1
35831	PD-Q13-KM01508	0.33	1
35832	PD-Q13-KM01510	0.48	1
35833	PD-Q13-KM01512	0.56	1
35834	PD-Q13-KM02006	0.33	1
35835	PD-Q13-KM02008	0.48	1
35836	PD-Q13-KM02010	0.62	1
35837	PD-Q13-KM02012	0.76	1
35838	PD-Q13-KM03006	0.46	1
35839	PD-Q13-KM03008	0.64	1
35840	PD-Q13-KM03010	0.95	1
35841	PD-Q13-KM03012	1.06	1
35842	PD-Q13-KM04506	0.92	1
35843	PD-Q13-KM04508	1.3	1
35844	PD-Q13-KM04510	1.8	1
35845	PD-Q13-KM04512	2.2	1

45 - cover height [mm], 12 - cabinet width [dm]

Covers IP20 with cut-out 45 mm for modular system for QA40, QA55

Code	Type	Weight [kg]	Package [pcs]
35822	PD-Q13-KMV01506	0.23	1
35823	PD-Q13-KMV01508	0.27	1
35824	PD-Q13-KMV01510	0.34	1
35825	PD-Q13-KMV01512	0.44	1
35826	PD-Q13-KMV02006	0.3	1
35827	PD-Q13-KMV02008	0.45	1
35828	PD-Q13-KMV02010	0.59	1
35829	PD-Q13-KMV02012	0.74	1

02 - cover height [dm], 12 - cabinet width [dm]



Code	Type	Weight [kg]	Package [pcs]
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Spacers for QA, KB, NP

33786	PD-QK-D1M51	0.232	10
33787	PD-QK-D1M52	0.258	10
33789	PD-QK-D1M61	0.28	10
33790	PD-QK-D1M62	0.305	10
33791	PD-QK-D1M81	0.437	10
33792	PD-QK-D1M82	0.469	10

...2 - height 22 mm, ...1 - height 19 mm

Locks for QA, KB65

17454	PD-QK-UBD	0.05	1
17455	PD-QK-UBB5	0.04	1
20748	PD-QK-UVD	0.05	1
20749	PD-QK-UVZ	0.04	1

..UBD- key „D“ , ..UBB5- key DB5
 ..UVD-insert „D“ , ..UVZ-locking insert

Light

33324	PD-QK-OSL	0.4	1
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Door switch for QA, KB

20751	PD-QK-SK11	0.1	1
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Code	Type	Weight [kg]	Package [pcs]
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Cabinet joining kits (QA40, QA55)

19749	PD-Q03-SPC18	1.35	1
19750	PD-Q03-SPC20	1.35	1
19751	PD-Q03-SPC22	1.35	1
35850	PD-Q13-SPC18K	0.28	1
35851	PD-Q13-SPC20K	0.28	1
35852	PD-Q13-SPC22K	0.28	1

22 - cabinet height [dm], ...K - cleat

Cage nuts for QA, KB

17432	PD-QK-M6	0.005	1
17433	PD-QK-M8	0.008	1
17434	PD-QK-M10	0.01	1

M10 - thread

Door switch holder for QA

35853	PD-Q13-DSK	0.2	1
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Repair varnish

20407	PD-QK-ARAL7035	0.43	1
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Code	Type	Weight [kg]	Package [pcs]
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Lifting lugs for QA40, QA55 set

19780	PD-Q03-4ZO12	1.21	1
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Door catch for QA

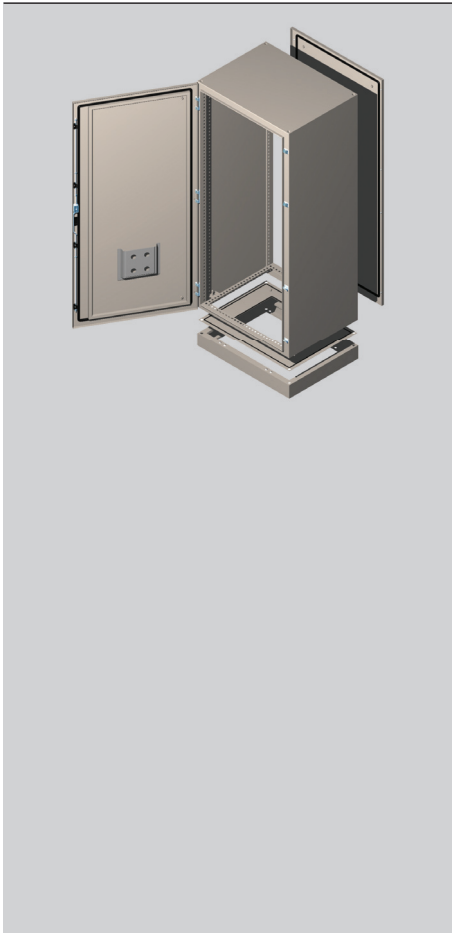
19781	PD-Q03-AD120	0.27	1
37166	PD-Q13-AD160	0.27	1

160° - opening angle

Data pockets

34377	PD-QK-DVA4PS	0.15	1
35854	PD-QK-DVA06	0.15	1
35855	PD-QK-DVA08	0.15	1

DVA - screwed, 08 - cabinet width [dm],
 4PS - plastic self-sticking



KB INDIVIDUAL CABINETS

Type	KB65
For circuits up to rated voltages	1000 V a.c., 1500 V d.c.
Degree of protection	IP65
Sealing material	Air expanded polyurethane
Maximum permissible load of frame	500 kg
Maximum permissible load of door	50 kg
Stage of protection against external mechanical shocks	IK09
Colour	grey (RAL 7035) ¹⁾
Place of use	Indoor For outdoor use we recommend consultation with the manufacturer
Ambient temperature	-5 ÷ +40 °C
Sea level	up to 1000 m
Standards	EN 62208, EN 60439-1

¹⁾ on demand we can perform painting in other colour according to RAL colour chart RAL

Type identification

KB65-200806-P



Cabinet design description

Door

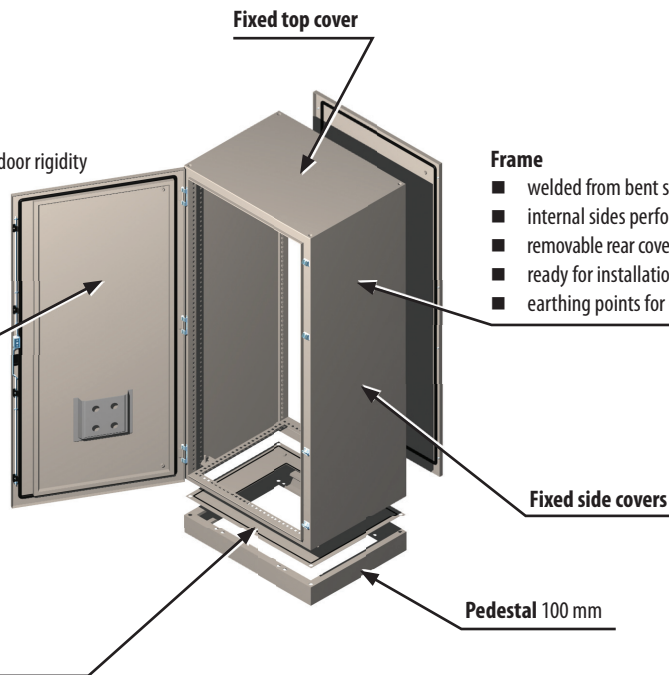
- steel sheet of thickness 1.5 mm
- sealing from expanded polyurethane
- welded-on reinforcement substantially increases door rigidity
- lock DB5
- left, modifiable to right
- earthing points for connection of protective conductor
- data pocket
- single up to width 1000 mm

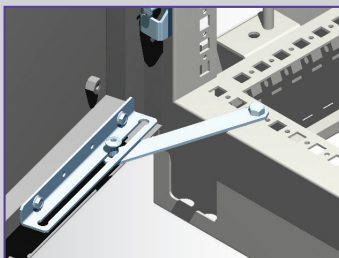
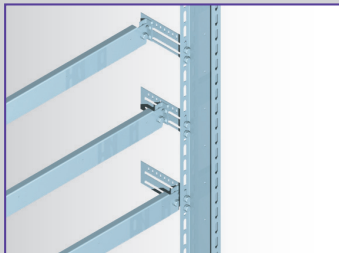
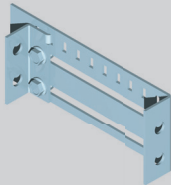
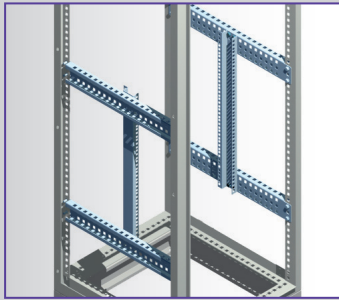
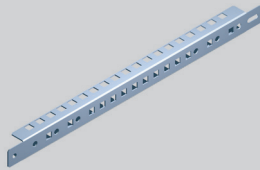
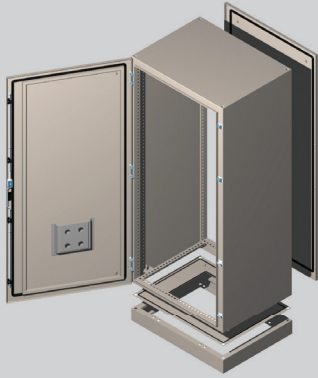
Frame

- welded from bent sheet thick 2 mm
- internal sides perforated by 25 mm
- removable rear cover with sealing from expanded polyurethane
- ready for installation of lifting eyes
- earthing points for connection of protective conductor

Bottom with an opening

- to achieve degree of protection IP65, use the overall bottom cover

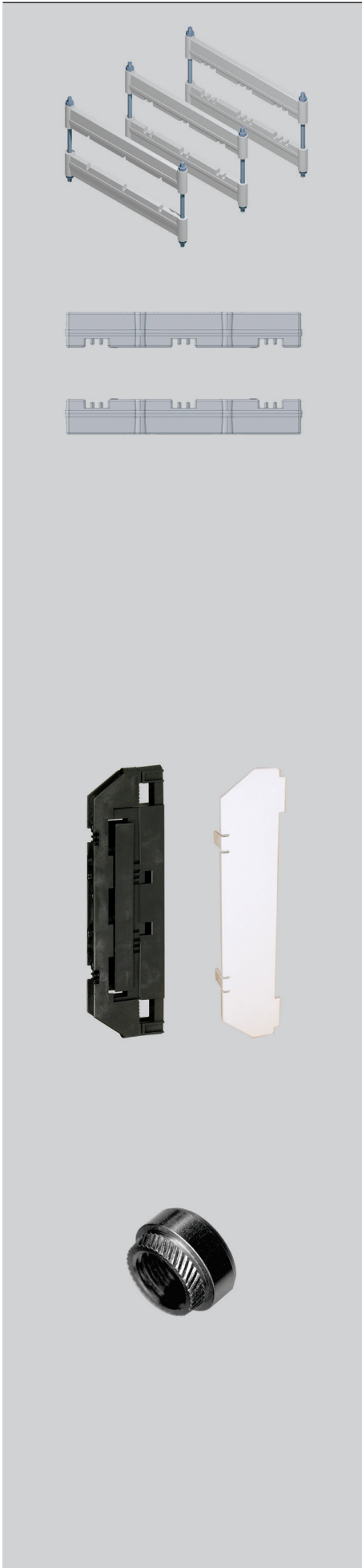




Code	Type	Weight [kg]	Package [pcs]
KB65, degree of protection IP65			
14781	KB65-180604-P	88	1
14782	KB65-180605-P	96	1
14783	KB65-180606-P	103	1
14784	KB65-180804-P	103	1
14785	KB65-180805-P	111	1
14786	KB65-180806-P	119	1
14787	KB65-181004-P	117	1
14788	KB65-181005-P	126	1
14789	KB65-181006-P	135	1
14790	KB65-200604-P	94	1
14791	KB65-200605-P	99	1
14792	KB65-200606-P	110	1
14793	KB65-200804-P	120	1
14794	KB65-200805-P	128	1
14795	KB65-200806-P	136	1
14796	KB65-201004-P	130	1
14797	KB65-201005-P	139	1
14798	KB65-201006-P	148	1
14799	KB65-220604-P	101	1
14870	KB65-220605-P	112	1
14871	KB65-220606-P	119	1
14872	KB65-220804-P	136	1
14873	KB65-220805-P	147	1
14874	KB65-220806-P	155	1
14875	KB65-221004-P	147	1
14876	KB65-221005-P	159	1
14877	KB65-221006-P	167	1
P - contains a pedestal			
Device rails for QA, KB			
17643	PD-QK-40LP06	0.6	1
17644	PD-QK-60LP06	0.8	1
17645	PD-QK-80LP06	1	1
17646	PD-QK-100LP06	1.2	1
17647	PD-QK-120LP06	1.4	1
17648	PD-QK-150LP06	1.6	1
17649	PD-QK-160LP06	1.8	1
17650	PD-QK-200LP06	2	1
17651	PD-QK-40LP08	0.8	1
17652	PD-QK-60LP08	1	1
17653	PD-QK-80LP08	1.2	1
17654	PD-QK-100LP08	1.4	1
17655	PD-QK-120LP08	1.6	1
17656	PD-QK-150LP08	1.8	1
17657	PD-QK-160LP08	2	1
17658	PD-QK-200LP08	2.2	1
17659	PD-QK-40LP10	1	1
17660	PD-QK-60LP10	1.2	1
17661	PD-QK-80LP10	1.4	1
17662	PD-QK-100LP10	1.6	1
17663	PD-QK-120LP10	1.8	1
17664	PD-QK-150LP10	2	1
17665	PD-QK-160LP10	2.2	1
17666	PD-QK-200LP10	2.9	1
20739	PD-QK-80LP12	1.6	1
20740	PD-QK-100LP12	1.8	1
20741	PD-QK-160LP12	2.4	1
20742	PD-QK-200LP12	3.2	1
200 - rail height [mm], cabinet width [dm]			
Back terminal rails for QA, KB			
19741	PD-QK-60LSZ06	1	1
19742	PD-QK-60LSZ08	1.3	1
19743	PD-QK-60LSZ10	1.6	1
10 - cabinet width [dm]			

Code	Type	Weight [kg]	Package [pcs]
One - piece bottom covers for KB			
14930	PD-QK01-2KD0604	4.5	1
14931	PD-QK01-2KD0605	5	1
14932	PD-QK01-2KD0606	6	1
14933	PD-QK01-2KD0608	7	1
14934	PD-QK01-2KD0610	8	1
14935	PD-QK01-2KD0804	5	1
17462	PD-QK01-2KD0805	6	1
17463	PD-QK01-2KD0806	7	1
17464	PD-QK01-2KD0808	8	1
17465	PD-QK01-2KD0810	9	1
17466	PD-QK01-2KD1004	6.5	1
17467	PD-QK01-2KD1005	7	1
17468	PD-QK01-2KD1006	8	1
17469	PD-QK01-2KD1008	9	1
17470	PD-QK01-2KD1010	10	1
10 - cabinet width, 10 - cabinet depth [dm]			
Rails for front mounting of components for KB			
14964	PD-QK01-76LC06	1.4	1
14965	PD-QK01-76LC08	1.8	1
14966	PD-QK01-76LC10	2.3	1
14967	PD-QK01-45LC06	1	1
14968	PD-QK01-45LC08	1.2	1
14969	PD-QK01-45LC10	1.4	1
45 - rail height [mm], 10 - cabinet width [dm]			
Vertical rail brackets for QA, KB			
17642	PD-QK-1D	0.2	1
35815	PD-QK-2D	0.2	1
1D for PD-QK-100LV... 2D for PD-QK-50LV...			
Rails for side mounting of components (KB)			
14960	PD-QK01-76LB04	1	1
14961	PD-QK01-76LB05	1.3	1
17613	PD-QK-76LB06	1.5	1
14962	PD-QK01-45LB04	0.6	1
14963	PD-QK01-45LB05	0.8	1
17617	PD-QK-45LB06	1	1
45 - rail height [mm], 06 - cabinet depth [dm]			
Front terminal rails for QA, KB			
19738	PD-QK-60LSP06	1	1
19739	PD-QK-60LSP08	1.3	1
19740	PD-QK-60LSP10	1.6	1
60 - rail height [mm], 10 - cabinet width [dm]			
Back terminal rails for QA, KB			
19741	PD-QK-60LSZ06	1	1
19742	PD-QK-60LSZ08	1.3	1
19743	PD-QK-60LSZ10	1.6	1
60 - rail height, 10 - cabinet width			
Terminal block brackets for QA, KB			
19744	PD-QT-DSM	0.2	1
19745	PD-QT-DSV	0.35	1
...M - height 90 mm, V - height 160 mm			
Data pocket			
34377	PD-QK-DVA4PS	0.15	1
4PS - plastic self-sticking			
Repair varnish			
20407	PD-QK-ARAL7035	0.43	1

Code	Type	Weight [kg]	Package [pcs]
Mounting plates for KB			
14939	PD-QK01-MP1706	21	1
14940	PD-QK01-MP1906	23.5	1
14941	PD-QK01-MP2106	26	1
14945	PD-QK01-MP1708	28	1
14946	PD-QK01-MP1908	31.5	1
14947	PD-QK01-MP2108	34.5	1
14951	PD-QK01-MP1710	35	1
14952	PD-QK01-MP1910	39	1
14953	PD-QK01-MP2110	43	1
21 - plate height, 10 - cabinet width [dm]			
Vertical rails for QA, KB			
17632	PD-QK-100LV06	1.5	1
17633	PD-QK-100LV10	2.4	1
17634	PD-QK-100LV12	2.9	1
17635	PD-QK-100LV14	3.4	1
17636	PD-QK-100LV16	4.4	1
21136	PD-QK-100LV17	4.8	1
17637	PD-QK-100LV18	5.2	1
20736	PD-QK-100LV19	6	1
21137	PD-QK-100LV21	7	1
17638	PD-QK-50LV10	1.7	1
17639	PD-QK-50LV12	2	1
17640	PD-QK-50LV16	2.7	1
21138	PD-QK-50LV17	2.9	1
17641	PD-QK-50LV18	3	1
20737	PD-QK-50LV19	3.5	1
20738	PD-QK-50LV21	4	1
50 - rail width [mm], 21 - rail height [dm]			
Rails for cable holders Sonap for QA, KB			
20744	PD-QK-LKU06	0.7	1
20745	PD-QK-LKU08	1	1
20746	PD-QK-LKU10	1.3	1
20747	PD-QK-LKU12	1.6	1
12 - cabinet width [dm]			
Lifting lugs for KB set			
17431	PD-QK01-4Z016	0.91	1
Door catch for KB			
17430	PD-Q09-AD120	2.7	1
120° - opening angle			
Locks for QA, KB65			
17454	PD-QK-UBD	0.05	1
17455	PD-QK-UBB5	0.04	1
20748	PD-QK-UVD	0.05	1
20749	PD-QK-UVZ	0.04	1
..UBD- key „D“ , ..UBB5- key DB5 ..UVD-insert„D“ , ..UVZ-locking insert			
Cage nuts for QA, KB			
17432	PD-QK-M6	0.005	1
17433	PD-QK-M8	0.008	1
17434	PD-QK-M10	0.01	1
M10 - thread			
Light			
33324	PD-QK-OSL	0.4	1
Door switch for QA, KB			
20751	PD-QK-SK11	0.1	1
Sliding device rail brackets for QA, KB set			
20743	PD-QK-DP1	0.4	1



BUSBAR SYSTEMS

Code	Type	Weight [kg]	Package [pcs]
Busbar holders for QA, KB65			
17445	PD-QK-DELTA110	1.5	1
35856	PD-QK-DELTA110/10	15	10
17446	PD-QK-DELTA210	1.45	1
35857	PD-QK-DELTA210/10	14.5	10
17447	PD-QK-DELTA310	1.4	1
35858	PD-QK-DELTA310/10	14	10
20752	PD-QK-DELTA110C	1.1	1
20753	PD-QK-DELTA210C	1.1	1
20754	PD-QK-DELTA305C	1.1	1

3 - number of busbars in phase, 05 - busbars thickness, C - compact (cabinet depth ≤ 400 mm), it is necessary to order mounting set to DELTA...C

Screw bolts for busbar supports DELTA

20159	PD-QK-SV270	0.16	1
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Mounting sets for DELTA...C

20755	PD-QK-DS30	0.3	1
20756	PD-QK-DS40	0.3	1
20757	PD-QK-DS50	0.3	1
20758	PD-QK-DS60	0.3	1
20759	PD-QK-DS80	0.3	1
20760	PD-QK-DS100	0.3	1
20761	PD-QK-DS120	0.3	1

120 - busbar height [mm]

Code	Type	Weight [kg]	Package [pcs]
Support insulators for QA, KB			
17440	PD-QK-PW40M8	0.101	1
35859	PD-QK-PW40M8/100	10	1
17441	PD-QK-PW40M10	0.101	1
35860	PD-QK-PW40M10/100	10	1
17442	PD-QK-PW40M12	0.101	1
35861	PD-QK-PW40M12/100	10	1

40 - insulator height [mm], M12 - thread, 100 - package 100 pcs

Support insulator brackets for QA, KB

17437	PD-QK-DIVV1	0.3	1
17438	PD-QK-DIVV2	0.3	1
37172	PD-QK-DIVV3	0.3	1
17439	PD-QK-DIVS	0.3	1

Recess ...1 (30 mm), ...2 (20 mm), 3 (25 mm)

Support insulator bracket for QA

37173	PD-Q13-DIM3-185	1.25	1
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for D100/185

Bracket for PE

Code	Type	Weight [kg]	Package [pcs]
39581	PD-Q13-DIZ1	0.3	1

for PE busbars

Code	Type	Weight [kg]	Package [pcs]
Flexible connectors			
7447	PS-CU 40/10	1.5	1
7448	PS-CU 50/10	2	1
7449	PS-CU 60/10	2.6	1
7444	PS-AL 40/10	0.5	1
7445	PS-AL 50/10	0.6	1
7446	PS-AL 60/10	0.7	1

60 - foot width [mm], 10 - busbar thickness [mm]

Rails for fixing DELTA holders

37167	PD-Q13-45LBD04	0.7	1
37168	PD-Q13-45LBD05	0.9	1
37169	PD-Q13-45LBD06	1.1	1
37170	PD-Q13-45LBD08	1.3	1
37171	PD-Q13-45LBD10	1.5	1
38605	PD-Q13-40LBD04	0.7	1
38606	PD-Q13-40LBD05	0.9	1
38607	PD-Q13-40LBD06	1.1	1
38608	PD-Q13-40LBD08	1.3	1
38609	PD-Q13-40LBD10	1.5	1
38558	PD-QK-MLBD		

40 for the busbar of width 5 mm, 45 for the busbar of width 10 mm, MLBD - locking washer for mounting of DELTA...C (package 10 pcs)

Code	Type	Description	Weight [kg]	Package [pcs]
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Busbar holders and covers

8722	D100/185	busbar system holder, Un 690 V, spacing 100 mm, 185 mm, screws M10	0.480	10
8699	KD-D100/185	front cover for D100/185	0.048	1
9030	SST-60/49-3	busbar system holder, busbar spacing 60 mm (3-pole, design)	0.140	1
9032	SST-60/49-5	busbar system holder, busbar spacing 60 mm (3-pole, design + PE + N)	0.160	1
9031	A-SST-60/49-3	side cover for SST-60/49-3	0.030	1
10405	A-SST-60/49-5	side cover for SST-60/49-5	0.040	1
322	SAP	busbar system cover, length 1.2 m	0.820	1
331	C30/6	clip, size 30x5, 30x6, for SAP	0.013	24
332	C30/10	clip, size 30x10, for SAP	0.013	24
333	C40/10	clip, size 40x10, for SAP	0.015	24
334	C50/10	clip, size 50x10, for SAP	0.015	24
335	C50/12	clip, size 50x12, for SAP	0.020	24
336	C60/10	clip, size 60x10, for SAP	0.025	24
7839	SEA	busbar side cover for SAP	0.022	12

Pressing-in nut

11870	ZM8	pressing-in nut for making a thread in busbars - thread M8 for hole 10 mm - pressing height 1.9 mm	0.004	200
35373	ZM8-V	pressing-in nut for making a thread in busbars - thread M8 for hole 10 mm - pressing height 3.9 mm	0.005	200
11233	ZM10	pressing-in nut for making a thread in busbars - thread M10 for hole 12.5 mm - pressing height 1.9 mm	0.006	200
35374	ZM10-V	pressing-in nut for making a thread in busbars - thread M10 for hole 12.5 mm - pressing height 3.9 mm	0.080	200
11234	ZM12-V	pressing-in nut for making a thread in busbars - thread M12 for hole 15 mm - pressing height 3.9 mm	0.010	200



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PS1-2012-A

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