

IEC 60664-1

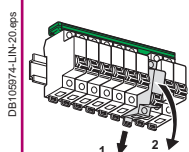
Description

Comb busbars make it easier to install Schneider Electric products.

- Supplied with 2 side plates, IP2.
- Outgoing feeders can be marked.
- Cutting markings on the copper bars and the insulating material.

C120, NG125		27 mm poles, cuttable			
Number of poles		1P	2P	3P	4P
		Supplied with 2 side plates, IP2 and 4 tooth cover end-pieces Outgoing feeders can be marked Cutting markings on the copper bars and the insulating material Unused teeth can be insulated with tooth covers			
Rated operational current at 40 °C	(Ie)	125 A			
Rated conditional short-circuit current of an assembly	(Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers			
Rated insulation voltage	(Ui)	620 V AC			
Rated operational voltage	(Ue)	500 V AC			
Pollution degree		3			
Fire resistance to IEC 695-2-1		Self-extinguishing 960 °C 30 s			
Colour		RAL 7016 (anthracite grey)			
Use					
		Power supply by connector recommended			
Number of 27 mm modules		16	16	15	16
Set of		1			
Cat. no.		14811	14812	14813	14814

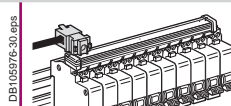
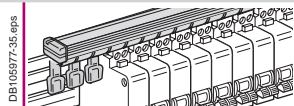
Installation



Comb busbars allow dismantability (1-2)

Accessories

Number of poles		1P, 2P, 3P, 4P	
		Tooth covers	Insulated connector
			Compatible with all Schneider Electric comb busbars Clip onto the comb busbar's insulating material, which gives them very great stability Receive clip-on markers allowing circuit identification
Use			
			For 25 mm ² semi-rigid cable
Set of		20	4
Cat. no.		14818	14885






IEC 60947-7-1, IEC 61439-2

Description

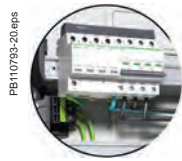
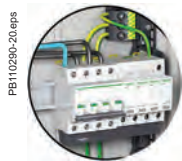
Comb busbars make it easier to install Schneider Electric products.

- Can be sawn and cut in a single pass.
- Supplied with two IP20 lateral end-pieces except for 57 module references.
- The end-pieces are compulsory after cutting.
- The phases are identified by symbols on each side of the comb busbar for installation in all positions.
- Cutting marks on the insulating material.
- The special comb busbars for circuit breakers with 9 mm auxiliaries have a 9 mm gap for inserting iOF and iSD.






Acti 9 / Multi 9		18 mm poles, cuttable										
Number of poles		1P	2P	3P	4P	3 (N+P)	Aux+1P	Aux+2P	Aux+3P	Aux+4P	3 (Aux+1P)	3 (Aux+N+1P)
												
Rated operational current at 40 °C (Ie)		100 A										
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers										
Rated insulation voltage (Ui)		500 V AC										
Rated operational voltage (Ue)		415 V AC										
Pollution degree		3										
Fire resistance to IEC 695-2-1		Self-ex inguishing 960 °C 30 s										
Colour		RAL 7016 (anthracite grey)										
Use												
		Power supply by connector recommended										
Type		L1...	L1L2...	L1L2L3...	NL1L2L3...	NL1NL2... ...NL3	AuxL1...	AuxL1L2...	AuxL1L2L3	AuxNL1... ...L2L3	AuxL1... ...AuxL2... ...AuxL3	AuxL1... ...AuxL2... ...AuxL3
Set of		1	1	1	1	1	1	1	1	1	1	1
Cat. no.												
6 modules of 18 mm		A9XPH106	-	-	-	-	-	-	-	-	-	-
12 modules of 18 mm		A9XPH112	A9XPH212	A9XPH312	A9XPH412	A9XPH512 ⁽¹⁾	-	-	-	-	-	-
18 modules of 18 mm		-	-	-	-	A9XPH518 ⁽¹⁾	-	-	-	-	-	-
24 modules of 18 mm		A9XPH124	A9XPH224	A9XPH324	A9XPH424	A9XPH524 ⁽¹⁾	-	-	-	-	-	-
57 modules of 18 mm		A9XPH157	A9XPH257	A9XPH357	A9XPH457	A9XPH557 ⁽¹⁾	A9XAH157	A9XAH257	A9XAH357	A9XAH457	A9XAH657	A9XAH557 ⁽¹⁾

⁽¹⁾ This comb busbar is only compatible in top feeding for simple lug devices and bottom feeding on double lug devices.

Installation



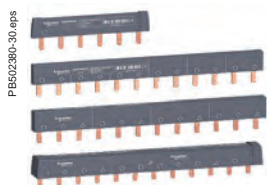
Accessories

Number of poles	1P	2P	3P	4P	-	-	-	
								
	End-pieces				Tooth covers		Connectors	
	Lateral end-pieces providing IP20 protection				Insulate teeth that have been left free		Monoconnect Comb busbar power supply. Horizontal incomm on each side. For 35 mm ² cable. Tightening torque 4 N.m Double terminals	
								
Set of	10	10	10	10	20	4	4	
Cat. no.	A9XPE110	A9XPE210	A9XPE310	A9XPE410	A9XPT920	A9XPCM04	A9XPCD04	

IEC 60947-7-1, IEC 61439-2

Description

Comb busbars make it easier to install Schneider Electric products. The phases are identified by symbols on each side of the comb busbar. Dismountability of devices with Acti 9.



PB50280-30.eps

Acti 9 / Multi 9	18 mm poles, not cuttable				
Number of poles	1P	2P	3P	4P	3 (N+P)
Rated operational current at 40 °C (Ie)	100 A				
Rated conditional short-circuit current of an assembly (Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers				
Rated insulation voltage (Ui)	500 V AC				
Rated operational voltage (Ue)	415 V AC				
Pollution degree	3				
Fire resistance to IEC 695-2-1	Self-extinguishing 960 °C 30 s				
Colour	RAL 7016 (anthracite grey)				
Use					
Type	Power supply by connector recommended				
Set of	L1	L1L2	L1L2L3	NL1L2L3	NL1NL2NL3
	1	1	1	1	1
Cat. no.					
12 modules of 18 mm	A9XPM112	A9XPM212	A9XPM312	A9XPM412	A9XPM512 ⁽¹⁾

PB110231-15.eps

⁽¹⁾ This comb busbar is only compatible in top feeding for simple lug devices and bottom feeding on double lug devices.

Installation



PB110290-25.eps



PB110793-25.eps

Accessories

	PB110257-10.eps	PB110258-7.eps	PB110259-7.eps
	Tooth covers	Connectors	
	Insulate teeth that have been left free	Monoconnect	Double terminals
Use		Comb busbar power supply	
		Horizontal in-comer on each side For 35 mm ² cable Tightening torque 4 N.m	
Set of	20	4	4
Cat. no.	A9XPT920	A9XPCM04	A9XPCD04



PB108162-35.eps



PB108164-35.eps

IEC 60439-1

Description

Comb busbars ensure:



- easy, reliable mounting of 1P + N and 3P + N, TL, CT, ID, V, BP and Cm switchgear: tooth positioning opposite the device terminals is ensured by indexing of copper parts.

C60/ID Group Feeder comb busbars contain two different parts:


- connection of Group Feeder switchgear: C60 (3P + N) or ID (3P + N) circuit breaker in 18 mm modules, powered by cables, through the bottom, directly by the terminals
- connection of Clario, Prodis and Libro switchgear in 9 mm modules.

PB502382-70eps






Acti 9 L + N		9 mm poles, cuttable					
Number of poles		1P + N			3P + N		
		 DB123729.eps 21501			 DB123730.eps 21505		
		Complete comb busbars (supplied with 4 side plates and 1 tooth cover)					
Rated operational current at 40 °C (Ie)		80 A					
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers					
Rated insulation voltage (Ui)		440 V AC					
Rated operational voltage (Ue)		230 V AC (P + N) - 400 V AC (3P + N)					
Rated impulse withstand voltage (Uimp)		6 kV					
Degree of protection		IP20					
Pollution degree		3					
Fire resistance to IEC 695-2-1		Self-extinguishing 960 °C 30 s					
Colour		RAL 7035					
Number of 18 mm modules	Comb busbar	12	18	24	12	18	24
	Tooth covers	3	3	6	3	3	6
Cat. no.		21501	19512	21503	21505	19516	21507
Comb busbars alone							
Number of 18 mm modules	Comb busbar	48			48		
Cat. no.		21089			21093		

C60/ID Group Feeder comb busbars alone

Number of poles		3P + N		
		 PB502506-60-eps		
Rated operational current at 40 °C (Ie)		80 A		
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers		
Rated insulation voltage (Ui)		440 V AC		
Rated operational voltage (Ue)		230 V AC (P + N) - 400 V AC (3P + N)		
Rated impulse withstand voltage (Uimp)		6 kV		
Degree of protection		IP20		
Pollution degree		3		
Fire resistance to IEC 695-2-1		Self-extinguishing 960 °C 30 s		
Colour		RAL 7035		
Number of 18-mm modules		12	48	48
Power supply		Through left-hand	Through left-hand	Through right-hand
Cat. no.		10545	10546	10547

Accessories

Number of poles	1P + N	3P + N			
	 DB123732.eps	 DB123733.eps	 PB502376-40.eps	 DB123731.eps	
	End-pieces	Tooth covers (3 x 18-mm modules)	End-pieces (4 phases)	Connectors (grey)	
Set of	40	12	10	4	
Cat. no.	21094	21095	21096	21098	

Linery FH

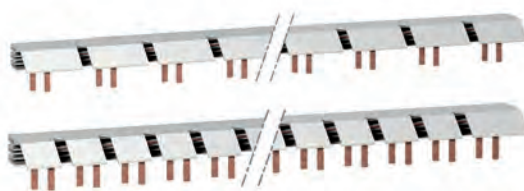
Horizontal comb busbar for 9 mm pitch for Acti 9


IEC 60439-1

Description

- Connection of Clario, Prodis and Librio switchgear in 9 mm modules.
- The special comb busbars for circuit breaker have a gap of 9 mm for inserting OF, SD, OF-SD/OF auxiliaries.
- The comb busbars for 3P + N circuit breakers and auxiliaries are compatible with Prisma switchboard.
- 1P + N comb busbars with Prisma and Pragma 24.





PE502935-10.eps



Acti 9		9 mm poles, cuttable			
Number of poles		1P + N	3P + N	1P + N	3P + N
					
		A9N21036			
		Comb busbars		Comb busbars DPN Vigi	
Rated operational current at 40 °C (Ie)		63 A			
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers			
Rated insulation voltage (Ui)		500 V AC			
Rated operational voltage (Ue)		230 V AC (P + N) - 400 V AC (3P + N)			
Degree of protection		IP20			
Pollution degree		3			
Fire resistance to IEC 695-2-1		Self-extinguishing 960 °C 30 s			
Colour		RAL 7035			
Number of 18-mm modules		56	56	56	56
Cat. no.		A9N21035	A9N21036	A9N21037	A9N21038

PE110901-10.eps

Accessories

Number of poles	1P + N	3P + N			
					
	End-pieces	Connectors (grey)	Neutral connectors (blue)	Tooth cover (1 x 18-mm module)	
Set of	20	10	10	10	
Cat. no.	A9N21039	A9N21040	A9N21041	A9N21042	A9N21050

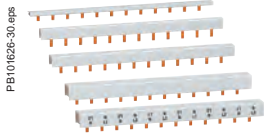
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PE110906-10.eps

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IEC 60439-1, IEC60664



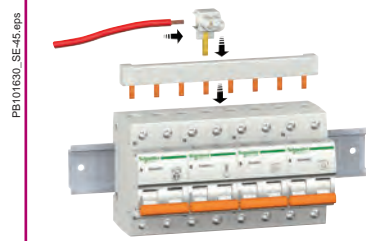
Description

Comb busbars:

- Ensure easy reliable mounting of switchgear: tooth positioning opposite the device terminals is ensured by indexing of copper parts.
- Can be sawn and cut.
- Are supplied with two IP20 lateral end-pieces (the end-pieces are compulsory).
- Unused teeth can be insulated with tooth covers.

Domae		18 mm poles, cuttable								
Number of poles		1P	2P	3P	4P	3P (N + P)				
Rated operational current at 40 °C (Ie)		63 A								
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers								
Rated insulation voltage (Ui)		500 V								
Rated operational voltage (Ue)	L/N	230 V AC								
	L/L	400 V AC								
Pollution degree		3								
Fire resistance to IEC 695-2-1		Self-extinguishing 850 °C 30 s								
Colour		RAL 7035								
Power supply		By 16 mm ² semi-rigid or 10 mm ² flexible cable With connector								
Number of 18 mm modules		12	57	12	57	12	57	12	57	57
Cat. no.		10387	10388	10389	10390	10391	10392	10393	10394	10395

Installation

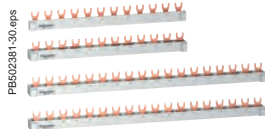


Accessories

Type	Connectors (4 x 35 mm ²)	End-pieces (2 phases)	End-pieces (3 phases)	End-pieces (4 phases)	Tooth covers
Set of	1	10	10	10	10
Cat. no.	10397	10398	10399	10405	10396

Linergy FH





Horizontal biconnect comb busbar for 18 mm pitch



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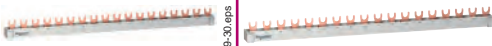
Description

Distribution and sub-distribution of the electric power supply.
Fast assembly and disassembly of connected devices.

Horizontal biconnect comb busbar	18 mm poles, cuttable											
Number of poles	1P			2P			3P			4P		
												
Rated operational current at 40 °C (Ie)	63 A											
Rated conditional short-circuit current of an assembly (Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers											
Rated insulation voltage (Ui)	500 V AC											
Rated operational voltage (Ue) L/N	230 V AC											
	L/L 400 V AC											
Pollution degree	3											
Fire resistance to IEC 695-2-1	Self-extinguishing 960 °C 30 s											
Colour	RAL 7035 (grey)											
Use	Power supply: into box lug (25 mm ² rigid or 16 mm ² flexible) or by connector (35 mm ² rigid or 25 mm ² flexible with ferrule)											
Type	L1			L1L2			L1L2L3			L1L2L3L4		
Number 18-mm modules	12	18	57	12	18	57	12	18	57	12	18	57
Set of	1	1	1	1	1	1	1	1	1	1	1	1
Cat. no.	R9XFH112	R9XFH118	R9XFH157	R9XFH212	R9XFH218	R9XFH257	R9XFH312	R9XFH318	R9XFH357	R9XFH412	R9XFH418	R9XFH457




Installation



Horizontal biconnect comb busbar	18 mm poles, cuttable		
Number of poles	4P		
			
Rated operational current at 40 °C (Ie)	63 A		
Rated conditional short-circuit current of an assembly (Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers		
Rated insulation voltage (Ui)	500 V AC		
Rated operational voltage (Ue) L/N	230 V AC		
	L/L 400 V AC		
Pollution degree	3		
Fire resistance to IEC 695-2-1	Self-extinguishing 960 °C 30 s		
Colour	RAL 7035 (grey)		
Use	NL1L2L3L4 - NL1NL2NL3		
Type	NL1L2L3L4 - NL1NL2NL3		NL1NL2NL3
Number 18 mm, modules	18		57
Set of	1		1
Cat. no.	R9XFH518G		R9XFH518
			R9XFH557

Installation



Accessories	Number of poles					
	1P	2P	3P	4P		
						
	End-pieces				Tooth covers	
Set of	10				20	
Cat. no.	R9XE110	R9XE210	R9XE310	R9XE410	R9XT20	R9XFC04