





ENGINEERING GROWTH PIONEERING EXCELLENCE



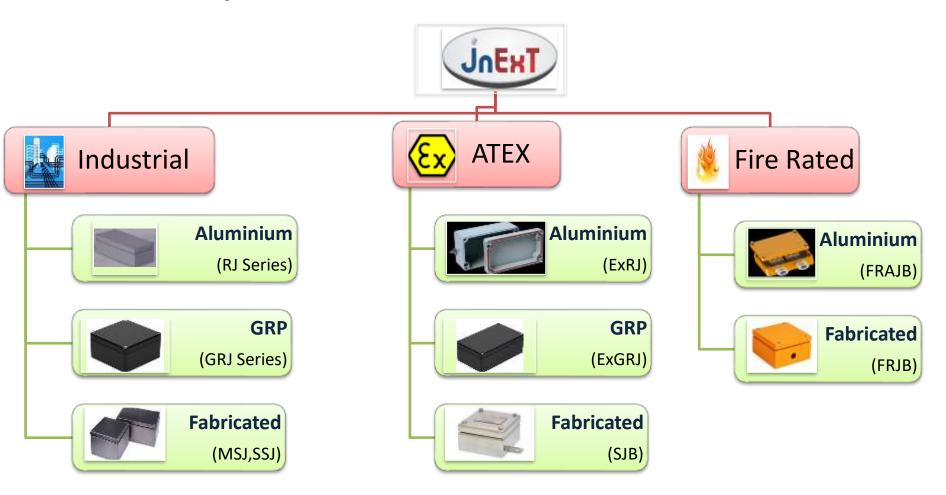


Enclosures for Harsh, Demanding and Explosive Atmospheres





Raychem RPG's Junction Box Product Profile







TECHINCAL SPECIFICATION

Material	AlSi12, as per DIN EN 1706
Colour	RAL 7001, 7031, 7032, 7035, 7038, Black RAL 9004 Other colour on request
Protection	IP 66 as per IEC 60529 IP67, IP68 and IP69K is available on request
Gasket	Neoprene Gasket Silicone, Viton and EMC on request
Lid Screw	Stainless Steel 1.4301 (A2), Captive Mechanism (M4/M6)
Tightening Torque	2 Nm to 3 Nm
Impact Strength	Impact Energy of 10 Joules - IK 09 as per EN 60068-2-75
Service Temperature	-40 °C to +100 °C (with Neoprene Gasket) -50 °C to +135 °C (with Silicone Gasket)
Surface	Painted / Non - Painted (Pretreated)







Raw **Material:** AlSi12

Raychem RPG

as per DIN EN 1706

Sizes (Total 31)

0	Y> Yes			Standard Accessories					
Raychem Part No.	Sizes-Dimensions External		Moun- ting Plate	M6 External Brackets	External Hinges	Internal Hinge	DIN r	ail for inals	
	Length	Width	Height					TS15	TS35
RJ01	50	45	30	-					
RJ02	98	64	34					1	
RJ03	150	64	34			×.			
RJ04	58	64	34		•			· •	
RJ05	75	80	57	Y				Y	
RJ06	125	80	57	Y				Y	
RJ07	175	80	57	Y				Y	-
RJ08	250	80	57	Y				Y	
RJ09	100	100	81	Y	Y	Y		Y	-
RJ10	160	100	81	Y	Y	Y		Y	-
RJ11	122	120	81	Y	Y	Y		-	Y
RJ21	220	120	81	Y	Y	Y	-		Y
RJ22	122	120	91	Ŷ	Y	Y		*	Y
RJ12	220	120	90	Y	Y	Y			Y
RJ36	140	140	90	Ŷ	Y	Ŷ	Y		Y
RJ37	200	140	90	Y	Y	Y	Y		Y
RJ15	160	160	91	Ŷ	Y	Ý	Ŷ		Ŷ
RJ13	260	160	90	Y	Y	Ŷ	Y		Ŷ
RJ14	360	160	90	Y	Y	Y	Y		Y
RJ28	180	180	100	Y	Y	Y	Y		Ŷ
RJ29	280	180	100	Y	Y	Y	Y		Y
RJ19	200	230	110	Ŷ	Ŷ	Ý	Ý		Ý
RJ17	280	230	110	Y	Y	Ŷ	Ŷ		Y
RJ18	330	230	111	Ŷ	Y	Y	Y		Y
RJ30	200	230	180	Ŷ	Y	Ŷ	Y		Ŷ
RJ20	330	230	180	Y	Y	Ŷ	Y		Y
RJ31	400	310	110	Ŷ	Ŷ	Ŷ	Ŷ		Y
RJ32	400	310	180	Ý	Ŷ	Ý			Ý
RJ33	600	310	110	Ŷ	Ý	Ŷ			Ŷ
RJ34	600	310	180	Ŷ	Ŷ	Ŷ			Ŷ
RJ35	400	230	110	Y	Ŷ	Ŷ			Y

Raychem RPG



Accessories available



Mounting Plate



Internal Hinges



Mounting Bracket



External Hinges



Powder Coating

- Pure Polyester Powder Suitable for outdoor application with higher UV and temperature resistance
- Henkel's 9 Tank surface preparation process
 - Neutral Salt Spray Test Standard offering as per DIN EN ISO 9227
 >700 Hours
 - Highest level of corrosivity category C5-M (Marine) Neutral salt spray + Water condensation test as per DIN EN ISO 12944-2 1200 Hours

Available on request

 Cyclic corrosion requirement (Severity level 6 – Highest) Cyclic testing of Salt spray + Condensation + Temperature as per *IEC 60068-2-52*

8 Cycles of 7 Days – Total 1344 hours

Available on request









Customization













- All Vertical Milling machine operation
- Screen printing
- Engraving
- Pad printing etc.





Certifications and Approvals

Raychem RPG

Redefining the benchmarks in quality for a safer future

Aluminium **Ex** Enclosures

COMPONENT

II 2 G Ex e IIC Gb II 2 D Ex tb IIIC Db IP66 DEMKO 13 ATEX 1327771U IECEx UL 13.0042U

EQUIPMENT

ATEX and IECEx Certificate issued by UL

	EC-TYPE EXAMINATION CERTIFICATE
	(Ex)
	Component Intended for use on/in equipment or protective system Intended for use in Potentially Explosive Atmospheres Directive 94/8/EC
	ED-Type Esemination Certificate Number: DEMKO 13 ATEX 1327771U Rev. 0
	Component: Aluminium Englocurec
	Mendedure: RAYCHEM RPG PVT LTD
	Addwee CEAT MAHAL ANNEXE 463, DR ANNIE BESANT ROAD, WORLI, MUMBAI, 400030 INDIA
	This Component and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred
	to. UL International Denko A/9, notified body number 0539 in accordance with Article 9 of the Council Directive 94/3/EC of 23 March 1994.
	c. Instruction tension with some and the been found to comply with the basential Health and Safety Requirements weiling to design and constitution of components interview.
	The eceminators and best results are recorded in confidential report no. 13CA27771
	Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
	EN 80078-0:2012 EN 80078-7:2007 EN 80078-31:2008
	The sign "U" placed after the certificate number indicates that this certificate must not be middle in for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.
ų	This EC-Type examination certificate relates only to the design, examination and tests of the specified component in accordance with the Directive MRMIC. Further requirements of the Directive apply to the manufacturing process and supply of this component. These are not covered by this certificate.
	(u)))))(u),(u),(u),(u),(u),(u),(u),(u),(
2	The marking of the component shall include the following:
	EX II 2 D Ex to IIIC Db IP66
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	INTERNATIONAL ELECTR	ROTECHNICAL COMMISS e for Explosive Atmospher	
	For rules, and details of the B	COLOR Battarre visit over montane	
Cartoficade No.	160Ex (0L 15.00420	Repue No. 0	Centificate Hatory toxue No: 0 (2013-13-11)
litera ve	Ourrent	Hage 1 of 5	
Date of Issue	2012-12-11		
Applicant	RAYCHEM RIPG LTD CEAT MANN, ANNERE 460 OR ANNE BESANT ROAD WORLL MUMBAL 400031 India		
Dectroal Appendius Optimal accuracy	Junction Rooms		
Type of Protection	Increased Safety "4" and Dust "	B ²	
Marking	Carl Charles Sales		
	Ex # 0C Gb Ex to 0C Db (P94		
Approved for Jeaue on Defta Certification Body	f a' the ECEs	Paul T. Kelly	
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(för printed version)			and a
Date		2013-12-11	
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	ULLLC 3 Pfrighter Road stock IL 60562-2056	(III)	





Glass Reinforced Polyester (GRP) Enclosures







Colour Shade : RAL 9011 (Graphite Black)

Impact Resistance: > 7 Joules

Surface resistance: $< 10^9 \Omega$

Flammability VO, Self Extinguishing as per UL 94

Toxicity Free from Halogen

(A TE-Connectivity - RPG Enterprises JV)

Colour Shade : RAL 7000

Impact Resistance : > 7 Joules

Surface resistance : > $10^{12} \Omega$

Flammability VO, self Extinguishing as per UL 94 Dielectric Strength 18Kv/mm

Toxicity Free from Halogen



TECHINCAL SPECIFICATION

Material	Glass Reinforced Polyester
Colour	RAL 7000 (Grey) / RAL 9011 (Black)
Protection	IP 66 as per IEC 60529 IP67, IP68 is available on request
Gasket	Neoprene Gasket Silicone on request
Lid Screw	Stainless Steel 1.4301 (A2), Captive Mechanism (M4/M6)
Tightening Torque	2 Nm to 3 Nm
Impact Strength	Impact Energy of 7 Joules
Service Temperature	-40 °C to +80 °C (with Neoprene Gasket) -50 °C to +100 °C (with Silicone Gasket)



		GRP		
	Raychem		Sizes	
	RPG Box Part code	L	W	Н
	GRJ01	80	75	55
	GRJ02	110	75	55
	GRJ03	122	120	90
	GRJ04	80	75	75
	GRJ05	160	75	55
	GRJ06	160	75	75
	GRJ07	160	160	90
	GRJ08	110	75	75
	GRJ09	190	75	55
	GRJ10	190	75	75
	GRJ11	220	120	90
	GRJ12	255	250	120
	GRJ13	260	160	90
	GRJ14	360	160	90
	GRJ15	400	250	120
	GRJ16	400	405	120
	GRJ17	255	250	160
	GRJ18	400	250	160
	GRJ19	400	405	201
STE SRPG	GRJ20	600	250	121
(A TE-Connectivity - RPG Enterprises JV)	GRJ21	600	250	161

Total 21 Sizes Available !



Accessories available



Mounting Plate





Raychem RPG

Mounting Bracket



Internal Earth continuity plate



Glass Reinforced Polyester (GRP) (Ex) Enclosures

IEC IFCEX ERE EX

COMPONENT

II 2 G Ex e IIC Gb II 2 D Ex tb IIIC Db IP66

DEMKO 15 ATEX 1475U IECEx UL 15.0045U

EQUIPMENT

ATEX and IECEx Certificate issued by UL

PI	EC-TYPE EXAMINATION CERTIFICATE	IEC IEC	Ex	IECEx Certific of Conformi	1.1.1.1.1.1.1
R	Component intended for use onlin equipment or protective system Intended for use in Potentially Explosive Atmospheres Directive 949/EC		IEC Certification Sche	TROTECHNICAL COMMISSI me for Explosive Atmospheres 10C2: Science with www.lesse.com	
13	EC-Type Examination Cartificate Number: DEMIKO 16 ATEX 1476U Rev. 0	Certificate No.:	IECEx UL 15:0045U	issue No. 0	Certificate history
14	Component Increased Safety Ex GJB Series Empty Junction Boxes	Onton	Current	Pege 1 of 3	Insue No. 0 (2016-01-28)
1	Nendedure: Rayohem RPG Pvt. Ltd.	Oute of Issue:	2016-01-25	5.25	
19 (7)	Address: Ceat Mahai Annexe 483, Dr. Annie Besant Road, Worli, Mumbai, 400030, India The Component and any acceptable variation thereto are specified in the achedule to this catificate and the documents therein referred to.	Apploant	Raychem RPG PVt, Ltd. Cost Mahai Armone 465 Dr. Armo Seearti Road Worl, Munibal, 400050		
Ħ	Us, International Decklo AVS, notified body number 0500 in accordance with Attole 8 of the Council Directive 940800 of 23 March 1994, partities that this component has been found to comply with the Oseential Health and Dately Requirements relating to design and construction of components intended for use in potentially exploate atmospheres given in Annex II to the Directive. The examination and test results are recorded in confidential report no. 4788/768734	Electrical Apparatus Optional accessory	India Increased Safety Ex GJB se	ine Emply Junction Boxee	
2		Type of Protection	increased Safety "s" and Du	st ignition Protection by Enclosure "b"	
14	Compliance with the Executial Health and Galety Requirements has been assured by compliance with EN 80078-0;2012+A11:2013 EN 80078-7:2007 EN 80078-31:2014	Marking.	Ex e #C Qb		
[rd]	The sign 'U' placed after the certificate number indicates that this certificate must not be misblem for a certificate intended for an equipment or protective system. This perfie certification may be used as a basis for certification of an equipment or protective system		Ex to INC Do		
tail	The EC-Type scarringtion certificate relates only to the design, examination and tasts of the specified component in accordance with the Directive SHOECC. Further requirements of the Directive apply to the manufecturing process and supply of this component. These are not covered by this certificate.	Approved for base on beh Certification Body	all of the /ECEx	Etin LaRoccu	
ाजा	The marking of the component shall include the following:	Posidor.		Senior Project Engineer	
	⟨Ēx⟩ II 2 G Ex e IIC Gb	Signature: (for printed version)			
	Ex II 2 D Ex to IIIC Do	Date		-	
		2. This certificate is not true	dule may only be reproduced in full, referable and remains the property of city of this certificate may be verified it		
BER	Certification Manager Jan-Erk Storgand M. M. Human Notified Body UL International Demko A/S, Ballerup 5A, 2750 Ballerup, Denmark	North	UL LLC 53 Pfingstein Road brook II. 60062-2098 d Bletes of America	(4)	

Certifications and Approvals

COMPLIANCE









Customization











FABRICATED ENCLOSURES

Raychem RPG

• <u>Types</u>

JNENT

- Industrial
- ATEX
- Fire Rated

- Raw Material
 - Stainless Steel (SS 304, 316, 316L)
 - Mild Steel
 - GI Sheet (Galvanized Iron)

Stainless Steel

Technical Data

SSJ2
SSJ3
SSJ4
SSJ5
SS16
SSJ7
SS J8
SSJ9
SSJ1
SSJ1
SSJ12
SSJ1
SSJ14
SSJ1
SSJ1
SSJ1
SSJ18

Sr. No. Part Number Sizes SSJ1

(A TE-Connectivity - RPG Enterprises JV)











Mild Steel Enclosures

Raychem RPG

Key Features

- Value addition through machining of conduit holes
- Gasket options Neoprene & EPDM (High temperature resistant)
- Ingress Protection : IP65
- TIG welded (oxide free) for sound joints
- Powder coated finish (RAL color shade as per choice)
- Thickness 1.5 3mm
- Stainless Steel Screws





SR NO.	Model No	SIZES LxWxH
1	MSJ01	100 x 100 x 61
2	MSJ02	150 x 100 x 61
3	MSJ03	150 x 150 x 81
4	MSJ04	200 x 100 x 61
5	MSJ05	200 x 200 x 81
6	MSJ06	200 x 200 x 121
7	MSJ07	300 x 150 x 81
8	MSJ08	300 x 200 x 81
9	MSJ09	300 x 200 x 121
10	MSJ10	300 x 300 x 121
11	MSJ11	300 x 300 x 161
12	MSJ12	380 x 380 x 161
13	MSJ13	400 x 150 x 81
14	MSJ14	400 x 200 x 121
15	MSJ15	400 x 300 x 161
16	MSJ16	500 x 300 x 161
17	MSJ17	500 x 400 x 161
18	MSJ18	600 x 200 x 121



Product Specification and marking

Standard Materials :

Enclosure: Mild steel (Minimum Thickness: 2mm) Stainless Steel 316 or 304 (Minimum Thickness: 1.5mm) Hardware: Mild steel or 316/304 Stainless Steel

Empty Enclosures (Component)

Technical Data for Empty Enclosure (U) :

Explosion Protection:	Ex II 2 G Ex e IIC Gb Ex II 2 D Ex tb IIIC Db
Certificates:	Sira 17ATEX3133U
Ingress Protection:	IP 66 according to IEC 60529
Impact Resistance:	7 Joules (N-m)
Temperature Range:	-20°C to +75°C (Neoprene) -40°C to +110°C (EPDM) -50°C to +185°C (Silicone)

Terminal Junction Box (Equipment)

Technical Data for	Terminal Enclosure (X):
Explosion Protection:	: 🔂 II 2 G Ex e IIC T6/T5 Gb 🐼 II 2 D Ex tb IIIC T85°C/T100°C Db
Certificates:	Sira 17ATEX3132X IECEx SIR 17.0027X
Ingress Protection:	IP 66 according to IEC 60529
Impact Resistance:	7 Joules (N-m)
Temperature Range:	-20°C to T6/T75°C (Neoprene) -40°C to T6/T85°C or T5/T100°C (EPDM) -55°C to T6/T85°C or T5/T100°C (Silicone)



Sizes

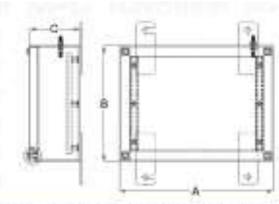
SIB 20020060

2000

Raychem RPG

PRODUCT DESCRIPTION

PRODUCT	W. HEIGHT	'B' WIDTH	'C' DEPTH
538 0	110	110	65
SJB 1	143	143	93
538 151590	150	150	90
538 191910	190	190	100
SJB 2A	193	193	195
S38 3	228	165	130
SJB 3A	218	168	210
538 38	377	219	156
SJB 3C	377	218	210
SJ8 3H	218	168	130
SJB 3AH	218	168	230
538 38H	377	218	156
SJB 3CH	377	218	210
538 231513	229	152	130
SJB 262615	260	265	150
538 262620	260	265	200
\$38 303015	306	306	150
538 303020	306	306	200
538 352615	350	265	150
SJB 352620	350	265	200
538 4	377	377	156
SJ8 4A	377	377	210
538 453815	458	382	150
SJB 453820	458	388	200
538 484815	480	490	150
SJB 484820	480	480	200



PRODUCT	'A' HEIGHT	'B' WIDTH	'C' DEPTH
536 5	527	427	156
538 58	530	530	150
\$38 SC	527	527	230
538 553615	550	360	150
538 553620	550	360	200
538 765015	762	508	150
SJB 765020	762	508	200
SJ8 6	827	577	156
SJB 6A	827	577	210
SJB 6B	827	577	300
SJB 916120	920	610	200
538 7	977	677	208
SJB 7A	977	677	156
SJB 7B	977	677	300
SJB 8	1177	777 156	
SJB 8A	1177	777	210
538 88	1190	770	300

2000

600

44 Sizes ! Customised size option available

Certificates

Raychem RPG



з



1	EU TYPE-EXAMINATION CERTIFICATE

Component Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU 2

Certificate Number:	Sira 17ATEX3133U	Issue:	1

4	Component:	SJB Range of Empty Metal Enclosures
5	Applicant:	Raychem RPG (P) Ltd
6	Address:	Gaat Mahal, Annexe 463 Dr. Annie Besant Road Worli, Mumbai 40030 Maharashtra

- India
- This component and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- Sira Certification Service, notified body number 0518 in accordance with Articles 17 and 21 of Directive 8 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.
 - The examination and test results are recorded in the confidential reports listed in Section 14.2.
- 9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

Category 1	Category 2
EN 60079-0: 2005	EN 60079-0: 2009
EN 60079-11: 2007	EN 60079-7: 2007
EN 61241-0: 2006	EN 61241-0: 2006
EN 61241-1: 2004 (inc. corrigendum No. 1 & 2)	EN 61241-1: 2004 (inc. corrigendum No. 1 & 2)
EN 60079-0: 2009 (used for guidance in respect of marking)	EN 60079-31: 2009 (used for guidance in respect of marking)
The above list of documents may detail standards that do not app through Sira's flexible scope of accreditation, which is available on	

- 10 The sign 'U' is placed after the certificate number to indicate that the product assessed is a component. and may be subject to further assessment when incorporated into equipment. Any schedule of limitations are listed in the schedule to this certificate.
- This EU type-examination certificate relates only to the design and construction of the specified 11 component. If applicable, further requirements of this Directive apply to the manufacture and supply of this component.

II 2GD

Ex e IIC Gb

Ex th IIIC Db

12 The marking of the component shall include the following:

II 1GD (Ex) Ex ia IIC Ga Ex ta IIIC Da IP66

Project Number 701794015

Form 9408, lase 4

(Ex)

This certificate and its schedules may only be reproduced in its entirely and without change.

Page 1 of 4



C Ellaby Deputy Certification Manager

Sira Certification Service Unit 6 Hawarden Industrial Park, Hawarden, CH5 3US, United Kingdom

+44 (0) 1344 570900 +44 (0) 1244 681330 ukinfo@caegroup.org Email Web www.csamounuk.org

Tel

Fax

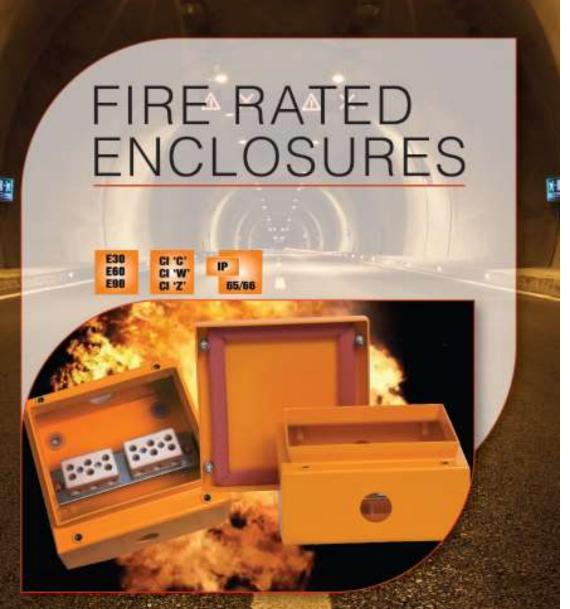
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IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

			ALC: NOTE: 1			

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Signature				
		Deputy Certificatio	n Manager	
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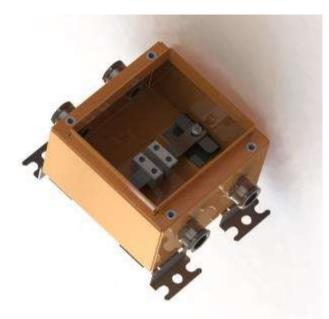
JnExT





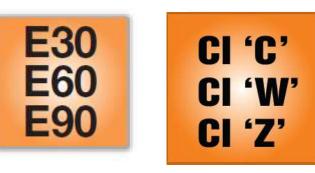


Raychem RPG's Offering



Intrinsic fire resistance in accordance with DIN 4102 part 12 (German standard) in combination with function-retaining cables and BS 6387:2013

Cable junction box for tunnel application for conductor cross-sections up to 10 mm2



Material: sheet steel, powder-coated

Colour: orange, RAL 2003 (Other on request)

Resistance to impact: IK 10 (20 Joule)

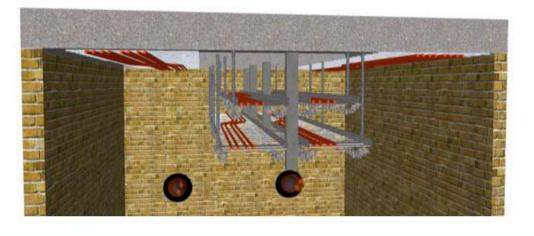


Degree of protection: IP 65/66





Test in Furnace (system test DIN 4102-12)



Sample characteristics

•Minimum length : 4 m

Test characteristics

- Fire temperature : from ambiant to > $1000^{\circ}C (\Delta T = 345 \text{ Log}[8t_{min}+1])$
- Bending radius : cable manufacturer
- Voltage : 400V
- Duration : 30 60 90 min

Requirement :

Function continuity $\geq 30 - 60 - 90$ min

t min	ϑ - ϑ₀ Κ
0	0
5	556
10	658
15	719
30	822
60	925
90	986
120	1029
180	1090
240	1133
360	1194

()) RP

- 11-

A TE-Connectivity - RPG Enterpris

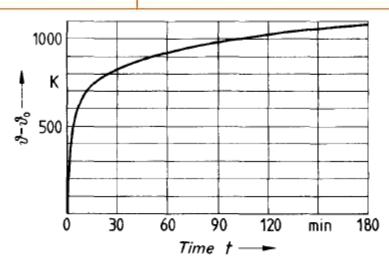
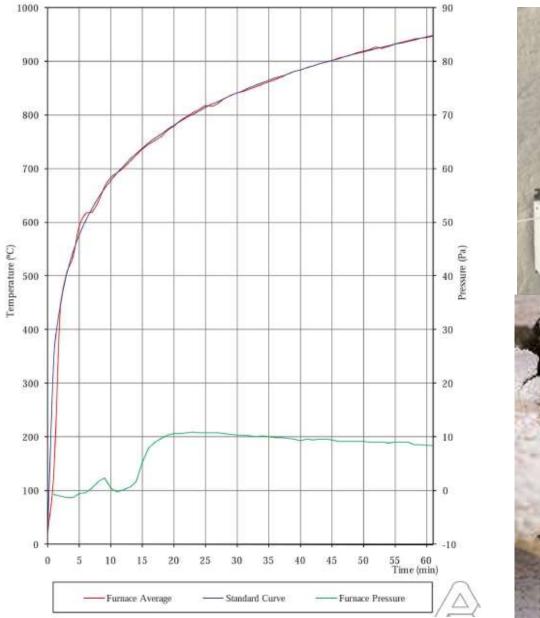
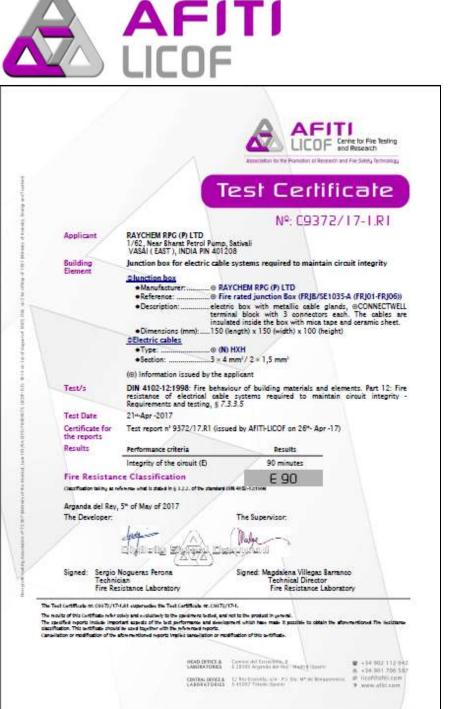


Figure 3. Standard temperature/time curve (ETK)





32

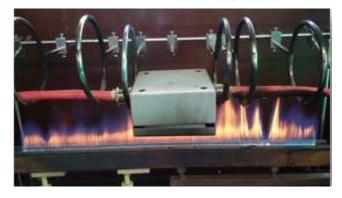


2 Sizes tested 150X150X100 mm & 350X250X105 mm and Qualified for **E90** Rating. <u>*i.e. Electrical continuity for* **90**</u> <u>Minutes.</u>

BS6387:2013 Fire Test - 3

Separate Tests

- 1. Fire alone: Category C
- Flame at 950°C (1742°F) for 180
 Minutes, cables powered with 240 VAC.
- 2. Fire with Water: Category W
- Flame at 650°C(1202°F) for 15 minutes then flame and water spray for 15 minutes, Cables powered with 240 VAC.





- 3. Fire with Mechanical shock: Category Z
- Flame at 950°C (1742°F) with mechanical shock applied at 30 Sec intervals for 15minutes. Cables powered with 240 VAC.





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	Precisely Right.

Produkte

Products

2

TÜVRheinland®

Prüfbericht - Nr.: Test Report No.:	19616371 001		a 1 von 08 je 1 of 08
Auftraggeber: Client:	Raychem RPG (P) Ltd International 1/62, M.G. Road, Near Bharat Petro Post Sativali, Vasai (E), Thane 401	Pump,	
Gegenstand der Prüfung:	Fire Rated enclosures (Junction Box)	
Test dem:	FRJB Series fitted with cables and C	eramic Terminal Blocks on	both sides.
Bezeichnung: Identification:	Fire Rated enclosures (Junction Box FRJB Series fitted with cables and Ceramic Terminal Blocks on both sid	Serial No.:	Engineering Sample
Wareneingangs-Nr.: Receipt No.:	1803198668	Eingangedatum: Date of receipt:	22.02.2017
Prüfort: Testing location:	Rajasthan Test & Research Centre Plot No295. Sector-7. IMT Manesa Distt Gurgeon-122050. (Haryana)		
Prüfgrundlage: Test specification:	BS 6387:2013*	_	
Prüfergebnis: Test Result:	Der Prüfgegenstand entspricht ob The test item passed the test specifi	en genannter Prüfgrundl ication(s).	ege(n).
Prüftaboratorium: Testing Laboratory:	TÜV Rheinland (India) Pvt. Ltd. 82/A, West Wing, 3rd Main Road, El Bangalore – 560 100	ectronics City Phase 1,	0
geprüfti tested by:	Right	eviewed by:	then
18/04/2017 Shridhar Ma	helingspurl Engineer 18/04/2017	Mahesh Kumar Dave/ A	General Manager
Datum Name/Stell Data Name/Stell		Name/Stallung Asma/Position	Unterschrift Stgrature
The temperature of the flame (est with BS 6387:2013 is m	rcuit Integrity (Resistance to fire alone in BS 6387 - 2013 is 950±40°C & in I ore stringent and it is the latest methor white Priliprovellage Alater and start Priliprovellage	EC 60331-21:1999 is 750±	

Cat. C \mathbf{N} Raychem RPG

Cat. W \mathbf{N}

Cat. Z \checkmark

- Certificate with FRJB Series.
- Passed for Cat. C, Cat. W and Cat. Z, with **Ceramic Terminal Blocks**

• Applications



Hospitals



Underground Railways

Commercial Buildings



Chemicals Industry



Hotels



Airports









THANK YOU



