

Raychem RPG

ENGINEERING GROWTH. PIONEERING EXCELLENCE



Glass Reinforced Polyester (GRP)  Enclosures



(A TE-Connectivity - RPG Enterprises JV)



Glass Reinforced Polyester (GRP) Ex Enclosures

RAYCHEM RPG - ATEX MARKING



COMPONENT

II 2G Ex eb IIC Gb
II 2D Ex tb IIIC Db IP66
SIRA 18 ATEX 3261U
IECEX SIR 18.0070U

EQUIPMENT

II 1GD / II 2GD
Ex eb IIC T6...T4 Gb
Ex eb ia IIC T6...T4 Gb
Ex tb IIIC T85oC, T100oC, T135oC Db
Ex ia IIC T6...T4 Ga
Ex ia IIIC T85oC, T100oC, T135oC Da
SIRA 19 ATEX 3015X
IECEX SIR 19.0020X

Technical Data Sheet :

GRP Ex Enclosure

- Material: Glass Reinforced Polyester, Graphite Added
- Color: Similar to RAL 9011 / Black
- Protection Class: IEC/EN 60529, IP66
- Surface Resistance: < 10⁹ Ohms
- Tightening Torque: 4 Nm
- Service Temperature: -60 °C to +110 °C
- Mechanical Strength: In accordance with IEC 60079-0, Impact Energy: >7 Joules
- Compliance Standard: IEC/EN 60079-0, IEC/EN 60079-7, IEC/EN 60079-11, IEC/EN 60079-31
- Process Control System: ISO 9001:2015 and BS EN IEC ISO 80079-34:2018

Model No. (Component)	Model No. (Equipment)	Dimensions (mm)		
		Length	Width	Height
GRJ 807555	EXGRJ 807555	80	75	55
GRJ 117555	EXGRJ 117555	110	75	55
GRJ 167555	EXGRJ 167555	160	75	55
GRJ 197555	EXGRJ 197555	190	75	55
GRJ 167575	EXGRJ 167575	160	75	75
GRJ 807575	EXGRJ 807575	80	75	75
GRJ 117575	EXGRJ 117575	110	75	75
GRJ 197575	EXGRJ 197575	190	75	75
GRJ 121290	EXGRJ 121290	122	120	90
GRJ 161690	EXGRJ 161690	160	160	90
GRJ 221290	EXGRJ 221290	220	120	90

Model No. (Component)	Model No. (Equipment)	Dimensions (mm)		
		Length	Width	Height
GRJ 261690	EXGRJ 261690	260	160	90
GRJ 361690	EXGRJ 361690	360	160	90
GRJ 252512	EXGRJ 252512	255	250	120
GRJ 252516	EXGRJ 252516	255	250	160
GRJ 402512	EXGRJ 402512	400	250	120
GRJ 402516	EXGRJ 402516	400	250	160
GRJ 404012	EXGRJ 404012	400	405	120
GRJ 404020	EXGRJ 404020	400	405	201
GRJ 602512	EXGRJ 602512	600	250	120
GRJ 602516	EXGRJ 602516	600	250	160

