

FSR

FSR is a Glass fibre Reinforced Polyester housing and block contact socket outlets & welding receptacles. The design of the block contact that turns on suitable hinges, allows an easy wiring and maintenance. When open, all space corresponding to surface O.D. of apparatus is available for wiring. Also, by the twin terminal for each polarity, provided it is possible the loop of power cable, the costs for one extra junction box, two cable glands and man power may be saved for wiring in between junction box and socket outlet. The cross section of looping terminal strip allows for use of cable size over the socket full load.

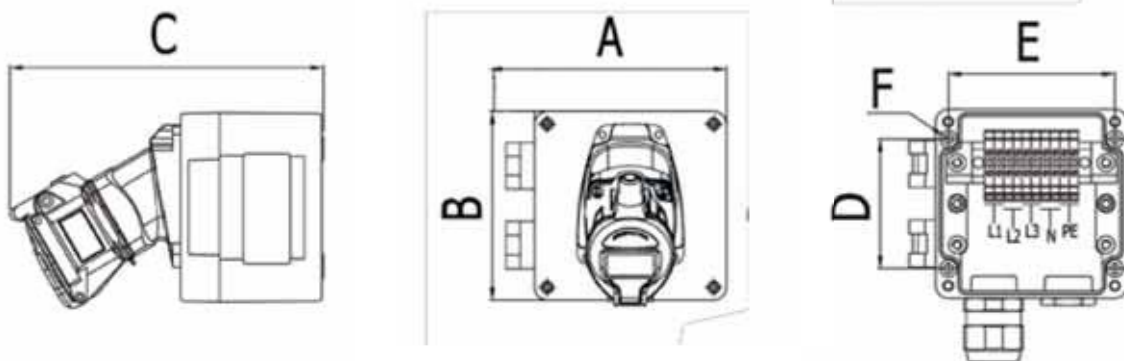
Specifications

Material	Glass Fibre Reinforced Polyester
IP Rating	IP65 / IP66 (see attached table)
Temperature	-40°C to 60°C (see attached table)
Certification & Approvals	EC-Type Examination Certificate INERIS 06ATEX0015
Standards	EN 60079-0 / 60079-1 / 60079-7 / 61241-0 / 61241-1
Ex-code	⊕ II 2 GD Ex ed IIC T6/T5/T4 Ex tD A21 IP66 T85°C/T100°C/T135°C According to European Directive 94/9/EC (ATEX) For Zone 1 / Zone 21, Zone 2 / Zone 22
Lid / Door gasket	Silicone seal
Surface treatment	Black Glass Fibre
Quantity for entries	Nr. 1 single seal EEx-e brass nickel chrome plated cable gland for armoured cable Nr. 1 Ex-e brass nickel chrome plated blank plug

Note Detailed description of DXN contact system is available in following chapter concerning FPR plugs.
 Rated voltage identification by colour code as per IEC/EN 60-309-1
 Interior keying system with 24 non interchangeable positions to avoid accidental connection of apparatus having a non compatible voltage.



Dimensions





ITEM TYPE	ITEM CODE	COLOR CODE	VOLTAGE (V)	CONTACT ARRANGEMENTS	CURRENT (A)	Earth Pin Position	FQ HZ	Cores mmq	ENTRIES	OVERALL DIMENSIONS (AxBxC)	MOUNTING INTERAXES (ExD)-F
FSR-2-20-24-50	A.4300.01		24	2P	20	Central	50	10 / 10	2 x M25	140x120x218	106x82 - 6,3
FSR-3-20-110-50	A.4300.02		110-130	1P+N+E	20	Central	50	10 / 10	2 x M25	140x120x218	106x82 - 6,3
FSR-3-20-230-50	A.4300.03		220-250	1P+N+E	20	Central	50	10 / 10	2 x M25	140x120x218	106x82 - 6,3
FSR-4-20-400-50	A.4300.04		380-440	3P+E	20	Central	50	10 / 10	2 x M25	178x160x218	140x110 - 6,5
FSR-5-20-400-50	A.4300.05		380-440	3P+N+E	20	Central	50	10 / 10	2 x M25	178x160x218	140x110 - 6,5
FSR-2-32-24-50	A.4300.06		24	2P	32	Central	50	16 / 16	2 x M32	273x250x259	235x200 - 6,5
FSR-3-32-110-50	A.4300.07		110-130	1P+N+E	32	Central	50	16 / 16	2 x M32	273x250x259	235x200 - 6,5
FSR-3-32-230-50	A.4300.08		220-250	1P+N+E	32	Central	50	16 / 16	2 x M32	273x250x259	235x200 - 6,5
FSR-4-32-400-50	A.4300.09		380-440	3P+E	32	Central	50	16 / 16	2 x M32	273x250x259	235x200 - 6,5
FSR-5-32-400-50	A.4300.10		380-440	3P+N+E	32	Central	50	16 / 16	2 x M32	273x250x259	235x200 - 6,5
FSR-2-63-24-50	A.4300.11		24	2P	63	Central	50	35 / 35	2 x M50	273x250x286	235x200 - 6,5
FSR-3-63-110-50	A.4300.12		110-130	1P+N+E	63	Central	50	35 / 35	2 x M50	273x250x286	235x200 - 6,5
FSR-3-63-230-50	A.4300.13		220-250	1P+N+E	63	Central	50	35 / 35	2 x M50	273x250x286	235x200 - 6,5
FSR-4-63-400-50	A.4300.14		380-440	3P+E	63	Central	50	35 / 35	2 x M50	273x250x286	235x200 - 6,5
FSR-5-63-400-50	A.4300.15		380-440	3P+N+E	63	Central	50	35 / 35	2 x M50	273x250x286	235x200 - 6,5

I.E./Example FSR-3-20-230-50 FSR = Flameproof Socket Resin 3 = Poles Number 20 = Current (A) 230 = Voltage (V) 50 = Frequency (HZ)

ITEM TYPE	ITEM CODE	COLOR CODE	VOLTAGE (V)	CONTACT ARRANGEMENTS	CURRENT (A)	Earth Pin Position	FQ (HZ)	CONNECTION TERMINALS CROSS SECTION FLEXIBLE CORES (RIGID CORES) mmq	ENTRIES	OVERALL DIMENSIONS (AxBxC)	MOUNTING INTERAXES (ExD)-F
FSR-2-2a-32-24-50	A.4300.16		24	2P +2aux	32	Central	50	16 / 16 / 4	2 x M25 + 1 x M20	273x250 x259	235x200-6,5
FSR-3-2a-32-110-50	A.4300.17		110-130	1P+N+E +2aux	32	Central	50	16 / 16 / 4	2 x M25 + 1 x M20	273x250 x259	235x200-6,5
FSR-3-2a-32-230-50	A.4300.18		220-250	1P+N+E +2aux	32	Central	50	16 / 16 / 4	2 x M25 + 1 x M20	273x250 x259	235x200-6,5
FSR-4-2a-32-400-50	A.4300.19		380-440	3P+E +2aux	32	Central	50	16 / 16 / 4	2 x M32 + 1 x M20	273x250 x259	235x200-6,5
FSR-5-2a-32-400-50	A.4300.20		380-440	3P+N+E +2aux	32	Central	50	16 / 16 / 4	2 x M32 + 1 x M20	273x250 x259	235x200-6,5
FSR-2-2a-63-24-50	A.4300.21		24	2P +2aux	63	Central	50	35 / 35 / 4	2 x M25 + 1 x M20	273x250 x286	235x200-6,5
FSR-3-2a-63-110-50	A.4300.22		110-130	1P+N+E +2aux	63	Central	50	35 / 35 / 4	2 x M25 + 1 x M20	273x250 x286	235x200-6,5
FSR-3-2a-63-230-50	A.4300.23		220-250	1P+N+E +2aux	63	Central	50	35 / 35 / 4	2 x M25 + 1 x M20	273x250 x286	235x200-6,5
FSR-4-2a-63-400-50	A.4300.24		380-440	3P+E +2aux	63	Central	50	35 / 35 / 4	2 x M50 + 1 x M20	273x250 x286	235x200-6,5
FSR-5-2a-63-400-50	A.4300.25		380-440	3P+N+E +2aux	63	Central	50	35 / 35 / 4	2 x M50 + 1 x M20	273x250 x286	235x200-6,5

I.E. / Example FSR-3-2a-32-230-50

FSR = Flameproof Socket Resin 3 = Poles Number 2a = Number auxiliary contact 20 = Current (A) 230 = Voltage (V) 50 = Frequency (HZ)