

The Customer Oriented Combination Enclosure for Switches: CP-.../ EFSRC Series is based on the features of CP... Enclosures Series which can grant an Ex d IIC mode of protection with or without accessories (pushbuttons, selector switches, potentiometers, signal lamps, rotary handles, ammeters, voltmeters, fuses, etc.). Enclosures are made of Copper free Aluminium (Cu<0,1%), completed with threaded hubs suitable for cable glands or conduit and internal threaded devices to secure DIN/Omega normalized rails for terminal strips. Connection of fittings do not affect inner space, which is fully available for terminals and wirings. Internal and external screws are in Stainless Steel AISI 304.

This series is custom-made to customer specifications, including the number and type of operators (M32 modular barrels) required on the CP-... enclosure. Based on the customers needs and certificate requirements, our technical department will advise and select the most suitable CP-.../EFSRC combination.

Specifications

Material	Copper free aluminium (Cu<0,1%)	
IP Rating	IP65	
Temperature	-35°C to 40°C for T6 / T85°C -35°C to 50°C for T5 / T100°C -35°C to 60°C for T4 / T135°C	
Certification & Approvals	EC-Type Examination Certificate INERIS 03ATEX0009 GOST Certificate POCC IT.ГБ04.В00508	
Standards	EN 60079-0 / 60079-1 / 61241-0 / 61241-1 IEC 60079-0 / 60079-1 / 61241-0 / 61241-1	
Ex-code	CE Ex II 2 GD Ex d IIC T6 / T5 / T4 Ex tD A21 IP65 T85°C / T100°C / T135°C according to European Directive 94/9/EC (ATEX) For Zone 1 / Zone 2, Zone 21 / Zone 22	
Lid / Door gasket	O-ring made in Nitrile Rubber (NBR)	
Surface treatment	Unpainted	
Electrical characteristics	Max. DC voltage	440 V
	Max. AC voltage	1000 V
	Nominal frequency	50 / 60 Hz
	Max. current	100 A
	Nominal incandescent lamp power	≤ 5 W
	Max. LED lamp dissipated power	≤ 3 W
Internal diameter	90 mm.	
Entries position	(C) = 2	
Entries thread	Metric pitch 1.5, ANSI B1.20.1 NPT, UNI 6125	
Standard identification	Identification nameplate is realized in high resistance self-adhesive polyester with thermal transfer inscriptions	
Accessories on request	External polyurethane painting "Standard Cycle" Green RAL 6003	





Switches listed in the following table are “not assembled”, they are only examples of the possible combinations.

CODE	TYPE	DESCRIPTION	ENTRIES	WEIGHT
451.2	CPC-26/ EFSRC-220	Rotary switch 2 poles 20 A	2XM25	1,100
451.4	CPC-26/ EFSRC-420	Rotary switch 4 poles 20 A	2XM25	1,150
452.4	CPC-26/ EFSRC-432	Rotary switch 4 poles 32 A	2XM25	1,300
453.2	CPC-26/ EFSRC- D - 220	Change - over switch 2 poles 20 A	2XM32	1,150
453.3	CPC-26/ EFSRC- D - 320	Change - over switch 3 poles 20 A	2XM32	1,200
454.2	CPC-26/ EFSRC- C - 220	Step switch 2 poles 20 A	2XM25	1,150
454.3	CPC-26/ EFSRC- C - 320	Step switch 3 poles 20 A	2XM25	1,300

