

IP 66



- Robust Ex e sheet steel enclosure
- Built in 100 A Ex d, 4 pole safety switch
- Up to 12 pieces of 50 mm² terminal blocks
- Non-armoured and armoured metal cable glands according to customer's demands



CONSTRUCTION

Enclosure: sheet steel, thickness 3mm
Cover: EPDM formed gasket

TECHNICAL DATA

Certificate:	FIDI 22 ATEX 0066
Marking:	0722
Apparatus category:	II 2G II 2D
Marking of explosion protection:	Ex db eb IIC T6 Gb Ex tb IIIC T80°C Db
Ambient temperature:	-20°C ≤ T _a ≤ +40°C
Degree of protection:	IP 66, category 1
Resistance to shock:	IK 09
Protection class :	I (protective earthing)
Rated voltage:	690 V AC
Rated current:	100 A
Frequency:	50 / 60 Hz
Safety switch parameters:	Rated current: 125 A, 4 poles Connection points: min. 25 mm ² , max. 50 mm ²
Cable entry:	Determined by the customer
Weight:	25 kg
Color:	Yellow, RAL 1016, double layered with corrosion protection (other colors are available on customer's request)

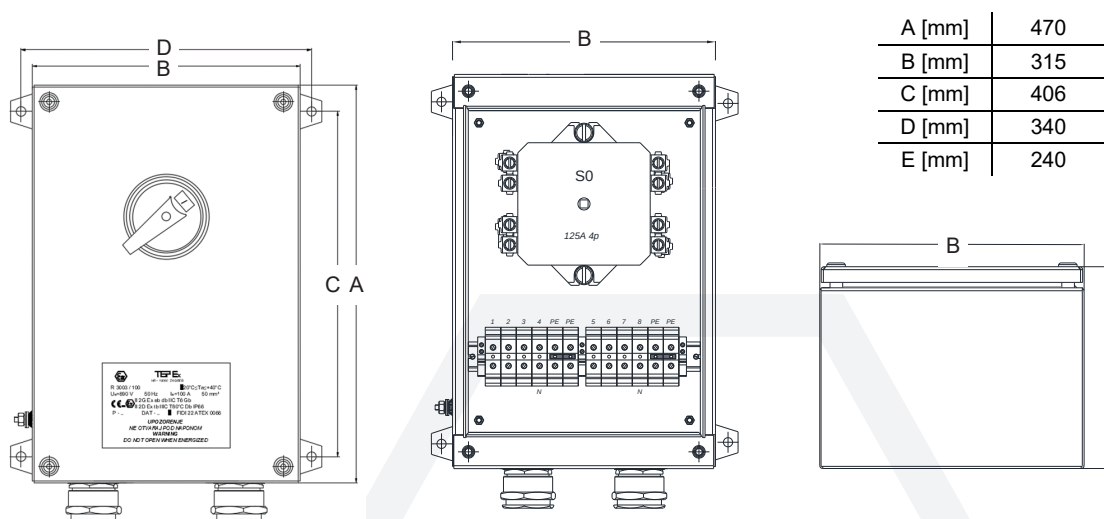
MOUNTING

Wall mounting or as a free-standing box with a metal protection canopy.

TABLE OF ALLOWED NUMBER OF TERMINALS (includes PE terminal blocks)

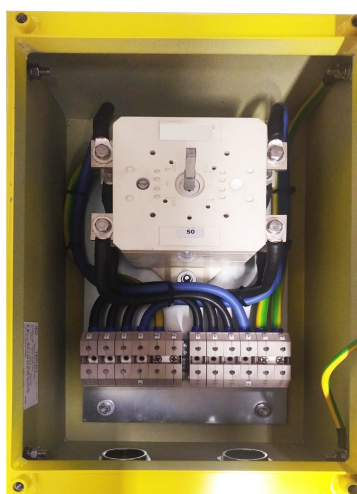
Nominal cross section of conductors / terminals (mm ²)	Maximum number of terminals	Ambient temperature Ta[°C]	I _{max} [A]
35/35	14	-20°C ÷ +40 °C	100 A
50/50	12		

DIMENSION DRAWING (mm)



SPARE PARTS AND ACCESSORIES

SKETCH	DESCRIPTION	CODE	SKETCH	DESCRIPTION	CODE
	Ex db control switch, 100 A, 4p	R3003/100 10-100		Cable glands	R3003/100 10-130
	Terminals 50 mm ²	R3003/100 10-110		Cover	R3003/100 10-140
	Control switch actuator	R3003/100 10-120		Cover gasket	R3003/100 10-150



Built-in components

All technical data is relevant at the time of print.