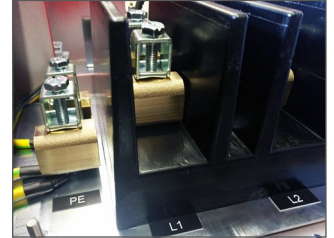




IP 66



R3003/R3003S



CONSTRUCTION

Enclosure: sheet steel Ex eb enclosure 3mm thickness
Gasket: EPDM formed gasket

TECHNICAL DATA

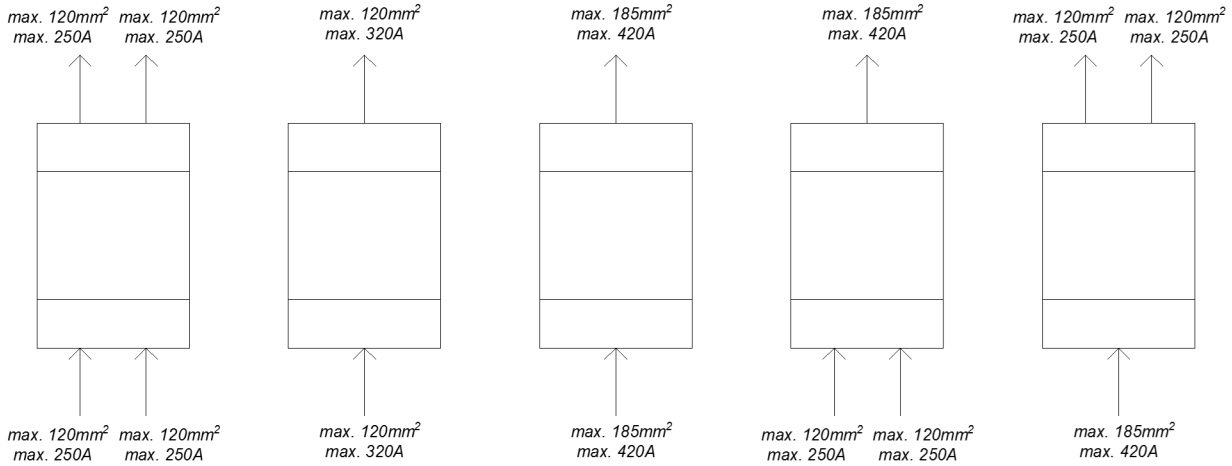
Certificate:	Ex FIDI 20 ATEX 0019
Marking:	CE 0722
Apparatus category:	I M2 II 2G II 2D
Marking of explosion protection:	Ex eb I Mb Ex eb IIC T6-T4 Gb Ex tb IIIC T80°C Db
Ambient temperature ATEX:	-20°C ≤ T _a ≤ +40°C
Degree of protection:	IP 66 category 1
Resistance to shock:	IK 09
Protection class :	I (protective earthing)
Rated voltage:	6,3 kV ±10% AC
Rated current:	420 A / 185 mm ² 320 A / 120 mm ²
Terminal cross-section:	Terminals 120mm ² for cable 16mm ² up to 120mm ² Terminals 185mm ² for cable 16mm ² up to 185mm ²

Max. Current [A]:

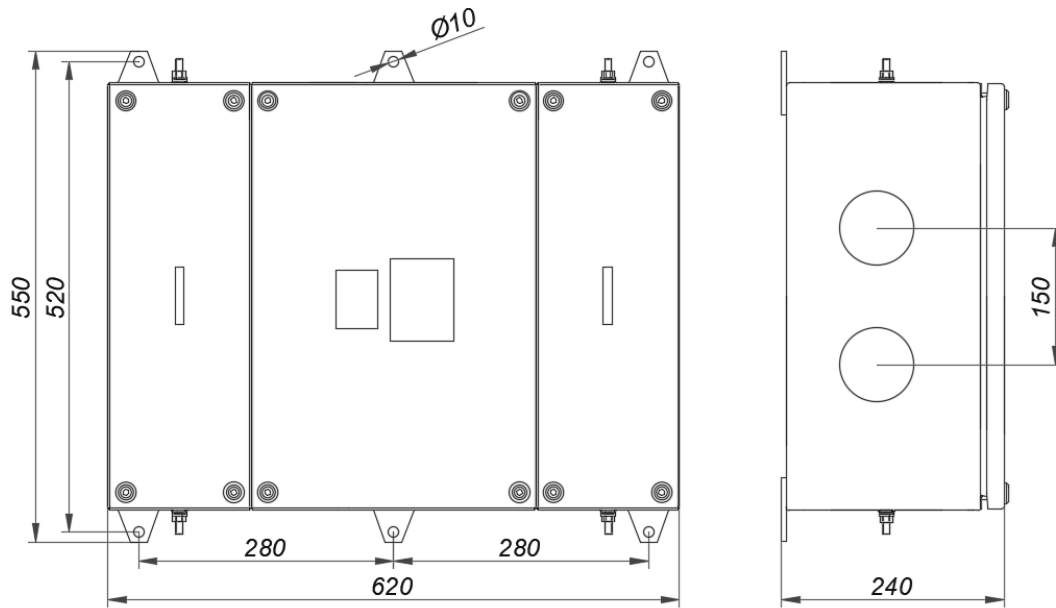
Cable cross section	16 mm ²	25 mm ²	35 mm ²	50 mm ²	70 mm ²	95 mm ²	120 mm ²	Ex protection
Terminal	120 mm ²							
Maximum cable current (temperature cable resistance 110°C)	30 A	50 A	70 A	105 A	150 A	200 A	250 A	I M2 Ex eb I Mb II 2G Ex eb IIC T4 Gb II 2D Ex tb IIIC T80°C Db
Maximum cable current (temperature cable resistance 90°C)	25 A	40 A	60 A	85 A	120 A	160 A	200 A	I M2 Ex eb I Mb II 2G Ex eb IIC T5 Gb II 2D Ex tb IIIC T80°C Db
Maximum cable current (temperature cable resistance 70°C)	20 A	30 A	45 A	65 A	90 A	120 A	150 A	I M2 Ex eb I Mb II 2G Ex eb IIC T6 Gb II 2D Ex tb IIIC T80°C Db
No. of connection point per "C" busbar	2 + 2 (total 4 terminals and 4 cable)							

Ex high voltage junction box

Possible cable connection (temperature cable resistance 110°C)



DIENSION (mm)



SPARE PARTS

SKETCH	DESCRIPTION	CODE
	VN terminals / set	R3003/R3003S 10-110
	Strain relief for cable set	R3003/R3003S 10-120
	Terminals	BKS 12010 BKS 18510
	Busbar	R3003/R3003S 10-130

Svi tehnički podaci su relevantni prilikom izrade dokumenta i podložni su promjenama