

IP 66



CONSTRUCTION

Enclosure: PA glass fiber reinforced polyamide, color - black

Cover: PA glass fiber reinforced polyamide with integrated thermoplastic elastomer gasket, closes with four M5 stainless steel screws.

TECHNICAL DATA

Certificate:	FIDI 19 ATEX 0002X RU C-HR.AB24.B.03290		
Marking:	CE 0722		
Apparatus category:	II 2G II 2D		
Marking of explosion protection:	Ex eb IIC T6 Gb Ex ia/ib IIC T6 Gb Ex tb IIIC T80°C Db		
Ambient temperature ATEX:	-20°C < Ta < +40°C -20°C < Ta < +50°C -20°C < Ta < +55°C -20°C < Ta < +70°C, for Ex i Ta > -40°C – on request with specially designed cable glands		
EAC:	-50°C ≤ Ta ≤ +50°C		
Degree of protection:	IP 66 category 1		
Resistance to shock:	IK 08		
Protection class :	I (protective earthing)		
Rated voltage:	630 V		
Maximum voltage for Ex i:	60 V		
Maximum current of terminals :	22 A	Ta ≤ 40°C	RK 01/744,
	18 A	Ta ≤ 50°C	RK 01/544
	14 A	Ta ≤ 55°C	RK 01/544-E
	20 A	Ta ≤ 40°C	RK 01/514
	16 A	Ta ≤ 50°C	RK 01/514-2
	13 A	Ta ≤ 55°C	
	25 A	Ta ≤ 40°C	RK 01/516
	20 A	Ta ≤ 50°C	
	16 A	Ta ≤ 55°C	
PE terminals (inside of the enclosure):	max. 2x4 mm ² +2x2,5 mm ² , 3x4 mm ² , 2x6 mm ²		
Weight:	0,55 kg		
Packing:	The packing contains: 14 pcs 435x260x220 mm		

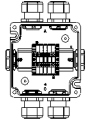
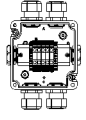
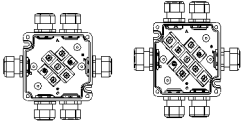
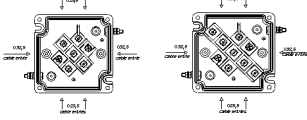
MOUNTING

With two screws through the housing holes $\phi 6$ mm at the peaks the rectangle: 100 x 75 mm

- Enclosures made of PA glass fiber reinforced polyamide
- The cover screws and all other external metal parts are made of stainless steel (AISI 316L)
- Equipped with terminals up to 6mm²
- Pillar (mantle) terminals

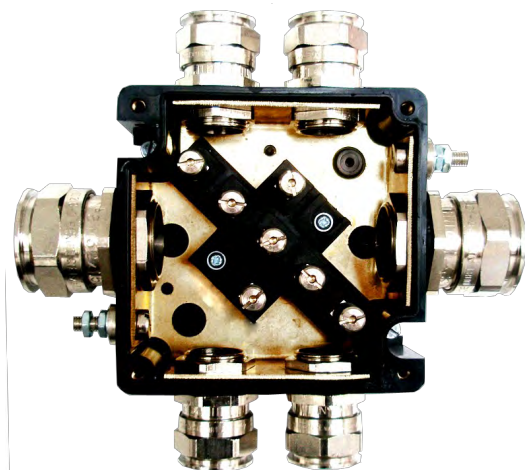
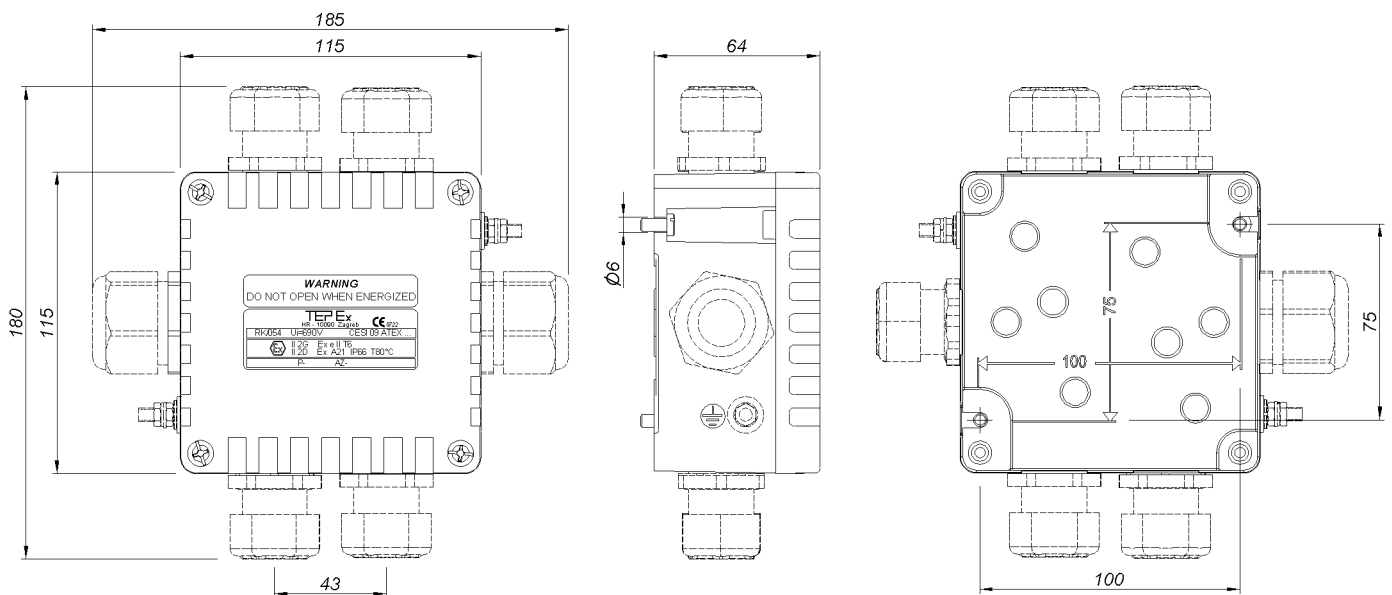
Junction box

MODEL CODE

TYPE	VERSION	CABLE GLANDS AND PLUGS / CABLE ENTRIES	NUMBER OF TERMINALS AND TERMINAL CROSS SECTION	MAX. POSSIBLE CONNECTION BY TERMINAL solid, stranded, flexible
RK 01/514		4 x M25 cable glands for cables \varnothing_v 7-15 mm 2 x M25 plug	5 - 1 x 4mm ²	1x0,5...4mm ² 2x0,5...2,5mm ²
RK 01/514 Exi				
RK 01/516			5 - 1 x 6mm ²	1x1,5...6mm ² 2x1,5...4mm ²
RK 01/544		6 x M25 cable glands for cables \varnothing_v 7-15mm	5 - 4 x 4mm ²	4x4mm ² 6x2,5mm ² 1x4mm ² + 2x2,5mm ² + +3x1,5mm ²
RK 01/744			7 - 4 x 4mm ²	1x4mm ² + 5x1,5mm ² 2x4mm ² + 3x2,5mm ²
RK 01/544-E		2 x \varnothing 32,5mm 4 x \varnothing 25,5mm	5 - 4 x 4mm ²	4x4mm ² 6x2,5mm ² 1x4mm ² + 2x2,5mm ² + +3x1,5mm ²
RK 01/744-E			7 - 4 x 4mm ²	1x4mm ² + 5x1,5mm ² 2x4mm ² + 3x2,5mm ²

Other configuration available on request

DIMENSION



RK 01/744-E (internal metal plate)



All technical data is relevant at the time of print.