

Explosion-proof junction box LTJB-eP-1/2.1-[24x12]-[LT-BM-X2(2/1/2/0)]

Explosion-proof plastic junction boxes

Description

LTJB-eP junction boxes for connection or branching of round-sheathed armored or unarmored cables with copper or aluminum cores in AC and DC circuits of electrical installations in oil/gas and petrochemical industry.

Installation

Flat surface mounting.

Design

The housing is made of fiberglass-reinforced polyester. The enclosure consists of a housing and a cover. There is DIN rail with terminals inside the housing. Cable glands, couplings, end plugs can be installed on the sides of enclosure. Mounting straps, fasteners are made of corrosion-resistant steel.

EX Mark

1 Ex e II T6 Gb / 0 Ex ia IIC T6 X Ga/ Ex tb IIIC Ta80°C Db – for junction box; 1 Ex e II Gb U / Ex tb IIIC Db U – for enclosure.

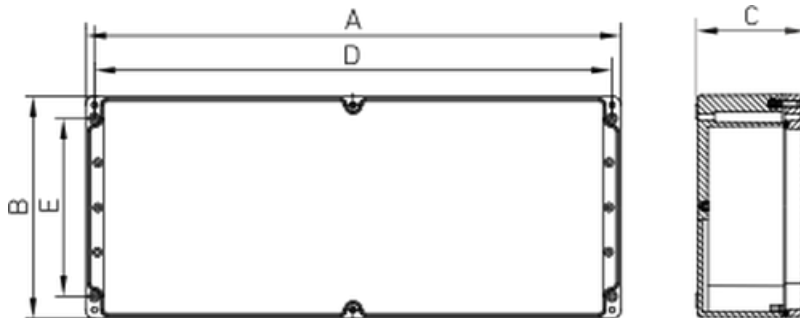
Characteristics

Explosion-proof protection according "increased safety "e", "intrinsic safety "i", "dust ignition protection "t". Zones: gas explosion protection – 0, 1, 2; dust explosion protection – 20, 21, 22. Maximum rated voltage: 690 V. Maximum rated current: 125 A.

Product picture:



Dimensions:



| | | |
|--------|-------------------|--------|
| A | Length | 170 mm |
| B | Width | 105 mm |
| C | Height | 57 mm |
| D | Length (mounting) | 98 mm |
| E | Width (mounting) | 45 mm |
| Weight | | 0.6 kg |

Technical features

| | | |
|----|-------------------------------------|---------------------|
| 1 | Article no. | 2327002970 |
| 2 | Marking for gas | 1 Ex e II T6 Gb |
| 3 | Dust marking | Ex tb IIIC T80 C Db |
| 4 | Mine gas coal dust marking | - |
| 5 | Electrical shock protection | I |
| 6 | Ambient temperature | -60 to +55 C |
| 7 | Climate application | CIm App1 |
| 8 | Ingress protection (IP) | IP66 |
| 9 | Mechanical shock protection | IK08/7 J |
| 10 | Electromagnetic compatibility (EMC) | No |
| 11 | Energy efficiency class | - |
| 12 | Housing color | Black |
| 13 | Warranty | 18 months |