

APPLICATION

The terminal boxes are intended for the distribution of electrical energy, e.g. light circuits, heating circuits, control circuits, intrinsically safe circuits in places with an explosive gas and dust atmosphere, in hazardous areas 1, 2, 21, 22. Enclosure of glass fiber-reinforced polyester resin can be supplied in 7 sizes with various heights and they are suitable for fixed mounting. The terminal boxes are fitted to order with terminals and cable glands. For armored cables all terminal boxes are available with internal metal plate and cable glands for armored cables.

CONSTRUCTION

Enclosure: SMC glass fiber reinforced polyamide, color - black

Cover: SMC glass fiber reinforced polyamide with integrated thermoplastic elastomer gasket, closes with four M5/M6 stainless steel screws.

TECHNICAL DATA

Certificate:	ATEX
Marking:	CE 0722
Apparatus category:	II 2G II 2D
Marking of explosion protection:	Ex e II T6, Ex e ia IIC T6, Ex ia IIC T6 tD A21 T80°C
Ambient temperature:	-20°C ≤ Ta ≤ +50°C
Degree of protection:	IP 66 category 1
Resistance to shock:	IK 07
Protection class:	I (protective earthing)
Rated voltage:	Up to 750 V AC
Rated current:	In accordance with table
Surface resistance:	< 10 ⁹ Ω
Rated cross-section:	max. nominal cross-section 300 mm ²
N/PE rails inside the Enclosure:	2 pcs, 11 terminals 2x4mm ² max.
Weight (without cable glands):	SKX 18/E 4,5kg
□	P

MOUNTING

With two/four screws through the housing holes φ6 mm at the peaks the rectangle:

SKX 18: 380 x 200 mm