

EXPLOSION-PROOF ENCLOSURE HEATER

CREX 020



Temperature class T3 (surface temperature max. 200 °C): Enclosure heater for explosion-proof environments prevents condensation and temperature fluctuations. Reliable protection against frost in enclosures and control cabinets as well as measuring equipment in explosive environments or mine workings exposed to firedamp.

- Maintenance-free convection heating without fan
- High-performance heating cartridge
- Heater body: Aluminium profile, anodised
- Mounting types: screw flange, clip
- Ready for connection: silicone cable with strain relief in 1 or 2 m



OVERVIEW TECHNICAL DATA

Protection class	I
Protection type	IP66
Heating element	High-performance heating cartridge
Heater element	Aluminium profile, silver anodised
AC/DC	AC
Frequency	50;60 Hz
Surface temperature	< + 200 °C
Operating temperature	-60 °C - 85 °C
Operating humidity	≤90 % RH
Storage humidity	≤90 % RH
Storage temperature	-60 °C - 85 °C
Connection type	Connection cable
Connection	Halogen-free silicone cable 3 x 0.75 mm², 1 m
Connection PE	0,75 - 2,5 mm²
Installation position	Airflow direction "in" vertical / connection at the bottom
Temperature class	T3

PRODUCT VARIANTS

Article number	Operating voltage	Heating capacity	Drill hole spacing	Mounting	Height	Width	Depth	Weight
02032.9-00	120 V	100 W	230 mm	Clip for 35 mm DIN rail; screw fixing	180 mm	48 mm	80 mm	1000 g
02035.9-10	120 V	250 W	270 mm	Screw fixing	220 mm	80 mm	160 mm	2300 g
02031.0-00	230 V	50 W	160 mm	Clip for 35 mm DIN rail; screw fixing	110 mm	48 mm	80 mm	700 g
02031.9-00	120 V	50 W	160 mm	Clip for 35 mm DIN rail; screw fixing	110 mm	48 mm	80 mm	700 g
02033.0-00	230 V	150 W	230 mm	Clip for 35 mm DIN rail; screw fixing	180 mm	60 mm	120 mm	1400 g
02033.9-00	120 V	150 W	230 mm	Clip for 35 mm DIN rail; screw fixing	180 mm	60 mm	120 mm	1400 g
02035.0-10	230 V	250 W	270 mm	Screw fixing	220 mm	80 mm	160 mm	2300 g
02034.0-00	230 V	200 W	290 mm	Clip for 35 mm DIN rail; screw fixing	240 mm	60 mm	120 mm	1700 g
02032.0-00	230 V	100 W	230 mm	Clip for 35 mm DIN rail; screw fixing	180 mm	48 mm	80 mm	1000 g
02034.9-00	120 V	200 W	290 mm	Clip for 35 mm DIN rail; screw fixing	240 mm	60 mm	120 mm	1700 g

TECHNICAL DRAWINGS

