

EXPLOSION-PROOF ENCLOSURE HEATER

CREX 020



Temperature class T4 (surface temperature max. 135 °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 heater 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 m



OVERVIEW TECHNICAL DATA

Device type	Convection heaters
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	< + 135 °C
Operating temperature	-60 °C - 50 °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 mm ² , 1 m
Connection PE	0,75 - 2,5 mm ²
Installation position	Airflow direction "in" vertical / connection at the bottom
Temperature class	T4

PRODUCT VARIANTS

TECHNICAL DATASHEET



Article number	Minimum operating voltage	Operating voltage tolerance	Recommended backup fuse	Minimum heating capacity	Drill hole spacing	Mounting	Height	Width	Depth	Weight
02041.0-00	230 V	208 V - 253 V	0.5 A	50 W	150 mm	Clip for 35 mm DIN rail Screw fixing	110 mm	48 mm	80 mm	700 g
02041.9-00	120 V	108 V - 132 V	1 A	50 W	150 mm	Clip for 35 mm DIN rail Screw fixing	110 mm	48 mm	80 mm	700 g
02042.0-00	230 V	208 V - 253 V	1 A	100 W	225 mm	Clip for 35 mm DIN rail Screw fixing	180 mm	60 mm	120 mm	1400 g
02042.9-00	120 V	108 V - 132 V	2 A	100 W	225 mm	Clip for 35 mm DIN rail Screw fixing	180 mm	60 mm	120 mm	1400 g
02043.0-10	230 V	208 V - 253 V	1.5 A	150 W	275 mm	Screw fixing	220 mm	80 mm	160 mm	2300 g
02043.9-10	120 V	108 V - 132 V	3 A	150 W	275 mm	Screw fixing	220 mm	80 mm	160 mm	2300 g
02044.0-10	230 V	208 V - 253 V	2 A	200 W	350 mm	Screw fixing	300 mm	80 mm	160 mm	2800 g
02044.9-10	120 V	108 V - 132 V	4 A	200 W	350 mm	Screw fixing	300 mm	80 mm	160 mm	2800 g

TECHNICAL DRAWINGS

