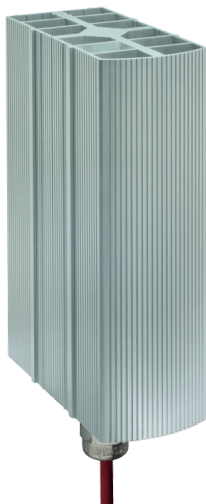


## EXPLOSION-PROOF ENCLOSURE HEATER

CREX 020



Temperature class T5 (surface temperature max. 100 °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	< + 100 °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 <sup>2</sup> , 1 m
Connection PE	0,75 - 2,5 mm <sup>2</sup>
Installation position	Airflow direction "in" vertical / connection at the bottom
Temperature class	T5

## PRODUCT VARIANTS

# TECHNICAL DATASHEET



Article number	Operating voltage minimum	Operating voltage tolerance	Recommended backup fuse	Heating capacity minimum	Drill hole spacing	Mounting	Height	Width	Depth	Weight
02051.0-00	230 V	208 V - 253 V	0.5 A	50 W	225 mm	Clip for 35 mm DIN rail Screw fixing	180 mm	60 mm	120 mm	1400 g
02051.9-00	120 V	108 V - 132 V	1 A	50 W	225 mm	Clip for 35 mm DIN rail Screw fixing	180 mm	60 mm	120 mm	1400 g
02052.0-10	230 V	208 V - 253 V	1 A	100 W	350 mm	Screw fixing	300 mm	80 mm	160 mm	2800 g
02052.9-10	120 V	108 V - 132 V	2 A	100 W	350 mm	Screw fixing	300 mm	80 mm	160 mm	2800 g

## TECHNICAL DRAWINGS

