

HAZARDOUS AREA HEATER

CREX 020 | 50 W, 100 W (T5)



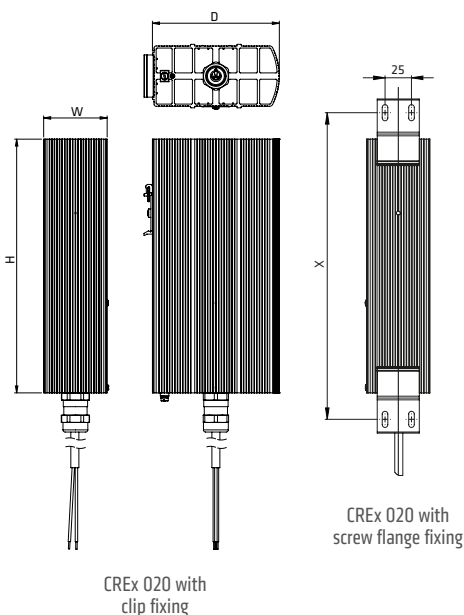
- > For areas with explosion and firedamp hazard
- > Large convection surface
- > Clip and screw flange fixing
- > Ready-to-use with strain relief
- > Maintenance free
- > Temperature class T5

Compact convection heater of temperature class T5 (100 °C max.) for the prevention of formation of condensation, temperature fluctuations, and for protection against frost within control and switch cabinets, as well as measuring equipment located in areas with explosion hazard, underground mines or mines susceptible to firedamp.



TECHNICAL DATA

| | |
|----------------------------------|--|
| Temperature class | T5 |
| Ex Protection type | Ex II 2 GD |
| Gases | Ex db IIC T5 Gb |
| Dusts | Ex tb IIIC T100°C Db IP66 |
| Mine applications | I M2 Ex db I Mb |
| Ambient temperature | -60 to +50 °C (-76 to +122 °F) |
| Surface temperature | max. +100 °C (+212 °F) |
| Heating element | high performance cartridge |
| Heating body | aluminium profile, silver anodised |
| Connection | silicone cable (halogen-free) 3 x 0.75 mm ² |
| Connection PE | 0.75 to 2.5 mm ² |
| Mounting | clip for 35 mm DIN rail, EN 60715 for heating body size 120 x 60 mm; screw fixing with 2 plug-on flanges for all heating body sizes, optional widthwise mounting |
| Fitting position | vertical airflow (connection on bottom) |
| Storage temperature | -60 to +85 °C (-76 to +185 °F) |
| Operating/Storage humidity | max. 90 % RH (non-condensing) |
| Protection type/Protection class | IP66 / I (earthed) |
| Approvals | EPS 16 ATEX 1109 X IECEx EPS 16.0048X IN METRO DNV 18.0010 X EAC TC RU C-FR.Г508.В.02639 |



| Art. No. Clip fixing | | Art. No. Screw flange fixing | | | Operating voltage | Heating capacity | Rec. pre-fuse T (time-delayed) | Dimensions (D x W x H) | Weight approx. |
|----------------------|------------|------------------------------|------------|----------------|-------------------|------------------|--------------------------------|------------------------|----------------|
| Cable 1 m | Cable 2 m | Cable 1 m | Cable 2 m | Hole spacing X | | | | | |
| 02051.0-00 | 02051.0-02 | 02051.0-10 | 02051.0-12 | 225 mm | AC 230 V | 50 W | 0.5 A | 120 x 60 x 180 mm | 1.4 kg |
| 02051.9-00 | 02051.9-02 | 02051.9-10 | 02051.9-12 | 225 mm | AC 120 V | 50 W | 1.0 A | 120 x 60 x 180 mm | 1.4 kg |
| - | - | 02052.0-10 | 02052.0-12 | 350 mm | AC 230 V | 100 W | 1.0 A | 160 x 80 x 300 mm | 2.8 kg |
| - | - | 02052.9-10 | 02052.9-12 | 350 mm | AC 120 V | 100 W | 2.0 A | 160 x 80 x 300 mm | 2.8 kg |



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