

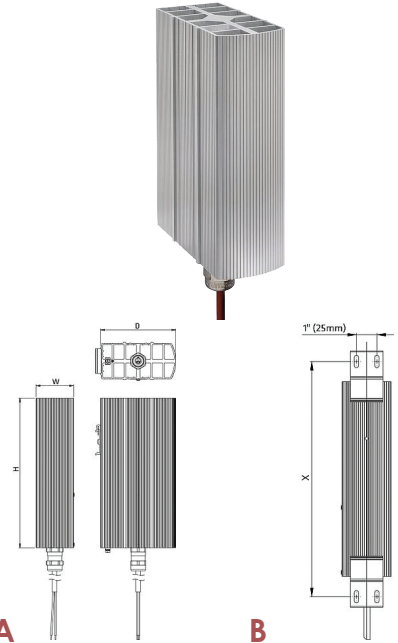
# CREx 020

**EXPLOSION PROOF | 50 W, 100 W (T5)**

## HAZARDOUS AREA HEATER

Compact convection heater of temperature class T5 (212 °F / 100 °C max.) for use in hazardous areas for prevention of formation of condensation, temperature fluctuations, and for protection against frost in control and switch cabinets, as well as in measuring equipment.

<b>Temperature Class</b>	T5
<b>Ex Protection Type Ex II 2 GD Gases Dusts</b>	Ex db IIC T5 Gb Ex tb IIIC T100 °C Db IP66
<b>Ambient Temperature</b>	-76 to +122 °F (-60 to +50 °C)
<b>Surface Temperature</b>	max. +212 °F (+100 °C)
<b>Heating Element</b>	high performance cartridge
<b>Heater Body</b>	aluminum profile, silver anodized
<b>Connection</b>	halogen-free silicone cable 3 x AWG 18 (0.75 mm <sup>2</sup> ), length 3 ft (1 m)
<b>Connection PE</b>	AWG 18 to 14 (0.75 to 2.5 mm <sup>2</sup> )
<b>Mounting</b>	clip for 35 mm DIN rail, EN 60715 for heating body size 4.7 x 2.4", screw mounting with 2 mounting brackets for all heating body sizes, optional sideways mounting
<b>Mounting Position</b>	vertical airflow (connection at bottom)
<b>Storage Temperature</b>	-76 to +185 °F (-60 to +85 °C)
<b>Operating / Storage Humidity</b>	max. 90 % RH (non-condensing)
<b>Protection Class / Type</b>	I (grounded) / IP66
<b>Approvals</b>	EPS 16 ATEX 1 109 X IECEX EPS 16.0048X EAC



**A** Dimensioned Drawing. A) with DIN clip.  
**B** Dimensioned Drawing. B) with screw mounting bracket.

- For use in hazardous areas
- Large convection surface
- DIN rail and screw mounting
- Ready-to-use with strain relief
- Maintenance free
- Temperature class T5



Part No. Din Clip	Part No. Screw Mounting	Hole Spacing X	Operating Voltage	Heating Capacity	Rec. Pre-Fuse T (Time-Delay)	Dimensions (D X W X H)	Weight (Approx.)
02051.0-00	02051.0-10	8.9" (225 mm)	AC 230 V	50 W	0.5 A	4.7 x 2.4 x 7.1" (120 x 60 x 180 mm)	3.1 lbs (1.4 kg)
02051.9-00	02051.9-10	8.9" (225 mm)	AC 120 V	50 W	0.5 A	4.7 x 2.4 x 7.1" (120 x 60 x 180 mm)	3.1 lbs (1.4 kg)
N/A	02052.0-10	13.8" (350 mm)	AC 230 V	100 W	1.0 A	6.3 x 3.2 x 11.8" (160 x 80 x 300 mm)	6.2 lb (2.8 kg)
N/A	02052.9-10	13.8" (350 mm)	AC 120 V	100 W	1.0 A	6.3 x 3.2 x 11.8" (160 x 80 x 300 mm)	6.2 lbs (2.8 kg)