HAZARDOUS AREA HEATER

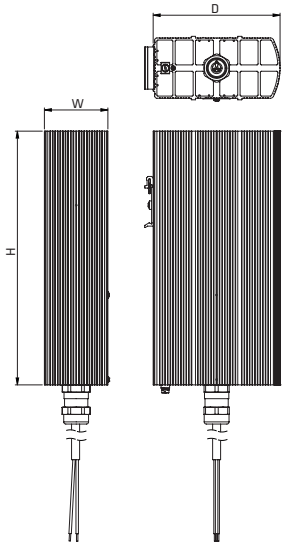
CREx 020 | 50 W to 250 W (T3)



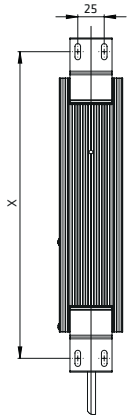
Photo Art. No. 02033.0-00

- > For areas with explosion hazard
- > Large convection surface
- > Clip and screw flange fixing
- > Ready-to-use with strain relief
- > Maintenance free
- > Temperature class T3

Compact convection heater of temperature class T3 (200 °C max.) for use in areas with explosion hazard for prevention of formation of condensation, temperature fluctuations, and for protection against frost in control and switch cabinets, as well as in measuring equipment.



CREx 020 with clip fixing



CREx 020 with screw flange fixing

TECHNICAL DATA

Temperature class	T3
Ex Protection type Ⓔx II 2 GD **Gases** **Dusts**	 Ex db IIC T3 Gb Ex tb IIIC T200°C Db IP66
Ambient temperature	-60 to +85 °C (-76 to +185 °F)
Surface temperature	max. +200 °C (+392 °F)
Heating element	high performance cartridge
Heating body	aluminium profile, silver anodised
Connection	silicone cable (halogen-free) 3 x 0.75 mm², length 1 m
Connection PE	0.75 to 2.5 mm²
Mounting	clip for 35 mm DIN rail, EN 60715 for heating body sizes 80 x 48 mm and 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 1 109 X IECEx EPS 16.0048X EAC

Clip fixing	Screw flange fixing		Operating voltage	Heating capacity	Rec. pre-fuse T (time-delayed)	Dimensions (D x W x H)	Weight approx.
Art. No.	Art. No.	Hole spacing X					
02031.0-00	02031.0-10	150 mm	AC 230 V	50 W	0.5 A	80 x 48 x 110 mm	0.7 kg
02031.9-00	02031.9-10	150 mm	AC 120 V	50 W	1.0 A	80 x 48 x 110 mm	0.7 kg
02032.0-00	02032.0-10	225 mm	AC 230 V	100 W	1.0 A	80 x 48 x 180 mm	1.0 kg
02032.9-00	02032.9-10	225 mm	AC 120 V	100 W	2.0 A	80 x 48 x 180 mm	1.0 kg
02033.0-00	02033.0-10	225 mm	AC 230 V	150 W	1.5 A	120 x 60 x 180 mm	1.4 kg
02033.9-00	02033.9-10	225 mm	AC 120 V	150 W	3.0 A	120 x 60 x 180 mm	1.4 kg
02034.0-00	02034.0-10	300 mm	AC 230 V	200 W	2.0 A	120 x 60 x 240 mm	1.7 kg
02034.9-00	02034.9-10	300 mm	AC 120 V	200 W	4.0 A	120 x 60 x 240 mm	1.7 kg
-	02035.0-10	275 mm	AC 230 V	250 W	2.5 A	160 x 80 x 220 mm	2.3 kg
-	02035.9-10	275 mm	AC 120 V	250 W	5.0 A	160 x 80 x 220 mm	2.3 kg

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04.04.2017 | Specifications are subject to change without notice. Errors and omissions excepted. Suitability of this product for its intended use and any associated risks must be determined by the end customer/buyer in its final application.