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HAZARDOUS AREA HEATING ELEMENT 50-100W - CREX 020 EX-CLASS T5

CREx

02051.0-00
CREx 020-T5 50W Heater, 230V ac, ATEX, with Screw and Din clip fixings, IP66



- Explosive environments / applications
- Large convection surface
- Temperature class T5
- IP 66 maintenance-free

PRODUCT DESCRIPTION

Explosion-proof heater CREX020 class T5

Many industries, such as chemical, petrochemical, pharmaceutical, oil and gas production, mining, food, biofuel and even waste water have specific requirements for the operation of electrical equipment and their safety. The second generation of STEGO heaters and thermostats for Ex atmospheres and other hazardous environments provide protection against frost, unwanted temperature fluctuations and the formation of condensation in switch and control cabinets, as well as measuring equipment while meeting these special requirements.

Compact convection heater in temperature classes: T5 (100°C max.)

The CREx 020 heaters have a minimal width and are ideal for standard enclosure heating applications. The overall product size is perfectly matched to the heating output allowing for a size that is only as big as absolutely necessary.

The heaters can be mounted with clip on a DIN rail, or tightly screwed to an enclosure wall via two screw flanges.
The universal screw flanges fit to any heating body size and can be attached to the body without tools. This allows for a back or sideways fixing to the wall.

TECHNICAL DATA

GENERAL DATA

Heat output	50 W
Nominal voltage	230 V AC
Heater body	Anodized aluminum
Connection type	silicone cable, 3 x AWG 18 (0.75 mm²),length 1m
Recommended fuse (slow blow)	0.5 A

DIMENSIONS

Height	180 mm
Width	60 mm
Depth	120 mm
Weight	1.4 kg
Cable length	1000 mm

SAFETY & APPROVALS

Protection class	I (earthed)
IP class	IP66
Approvals	ATEX, CE, EAC, IEC, IECEx, RoHS
EX protection class II 2 GD (gas)	Ex db IIC T5 Gb
EX protection class II 2 GD (dust)	Ex tb IIIC T100°C Db IP66

RATED OPERATING CONDITIONS

Temperature rating	T5
Operational temperature	-60°C ... +50°C
Storage temperature	-60°C ... +85°C
Operating humidity	< 90% RH
Humidity storage	<90% RH

Voltage min	230 V ac
Voltage max	230 V ac

