

EXPLOSION-PROOF HEATER

CREx 020 | 50 & 100 W



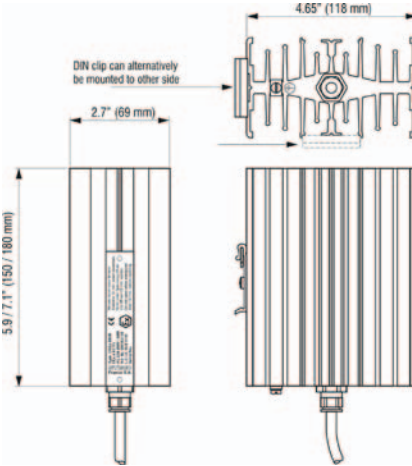
- > Large convection surface
- > Maintenance free

> DIN rail mountable

The CREx 020 convection heaters are used in areas with explosion hazard to maintain minimum operating temperatures to help prevent failure of electronic components caused by condensation and corrosion.



TECHNICAL DATA



Explosion protection according to EN	LCIE (Laboratoire Central des Industries Electriques)
Conformity certificate	LCIE 01 ATEX 6073 X / 06, IECEx LCI 07.0020 X
Heating element	high performance cartridge
Heater body	aluminum profile, silver anodized
Connection	Si HF - JZ 3 x AWG 18 (0.75 mm ²), length 3.3 ft (1 m)
Connection PE	4 mm ²
Mounting	clip for 35 mm DIN rail, EN 60715
Mounting position	vertical
Storage temperature	-49 to +158 °F (-45 to +70 °C)
Protection class / Protection type	I (grounded) / IP65
Approvals	EAC submitted

Part No.	Operating voltage	Heating capacity	Pre-fuse T (time-delay)	Ambient temperature ¹	Ex Protection type (Ex) II 2 GD		Surface temperature	Length (L)	Weight (approx.)
					Gases	Dusts			
02010.0-00	AC 230-240 V	50 W	0.5 A	-40 to +122 °F (-40 to +50 °C) -40 to +185 °F (-40 to +85 °C)	Ex d IIC T5 Gb Ex d IIC T4 Gb	Ex tb IIIC T100°C Db IP6X Ex tb IIIC T135°C Db IP6X	T5 = +212 °F (+100 °C) T4 = +275 °F (+135 °C)	5.9" (150 mm)	2.9 lbs. (1.3 kg)
02010.0-01	AC 110-120 V	50 W	1 A	-40 to +122 °F (-40 to +50 °C) -40 to +185 °F (-40 to +85 °C)	Ex d IIC T5 Gb Ex d IIC T4 Gb	Ex tb IIIC T100°C Db IP6X Ex tb IIIC T135°C Db IP6X	T5 = +212 °F (+100 °C) T4 = +275 °F (+135 °C)	5.9" (150 mm)	2.9 lbs. (1.3 kg)
02011.0-00	AC 230-240 V	100 W	1 A	-40 to +122 °F (-40 to +50 °C) -40 to +185 °F (-40 to +85 °C)	Ex d IIC T4 Gb Ex d IIC T3 Gb	Ex tb IIIC T135°C Db IP6X Ex tb IIIC T200°C Db IP6X	T4 = +275 °F (+135 °C) T3 = +392 °F (+200 °C)	7.1" (180 mm)	3.3 lbs. (1.5 kg)
02011.0-01	AC 110-120 V	100 W	2 A	-40 to +122 °F (-40 to +50 °C) -40 to +185 °F (-40 to +85 °C)	Ex d IIC T4 Gb Ex d IIC T3 Gb	Ex tb IIIC T135°C Db IP6X Ex tb IIIC T200°C Db IP6X	T4 = +275 °F (+135 °C) T3 = +392 °F (+200 °C)	7.1" (180 mm)	3.3 lbs. (1.5 kg)

¹ Ambient temperature outside of the cabinet/enclosure.