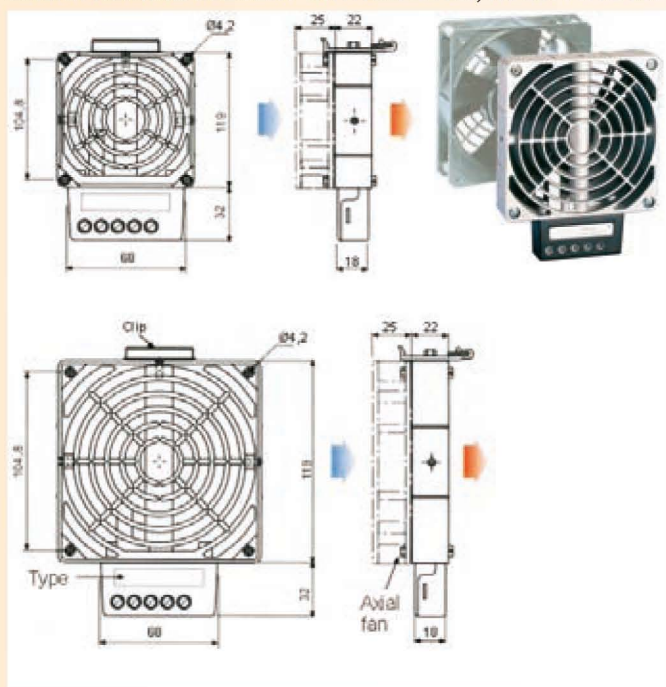


LINEAR HEATING ELEMENT WITH AXIAL FAN, HV 031 / HVL 031 RANGE

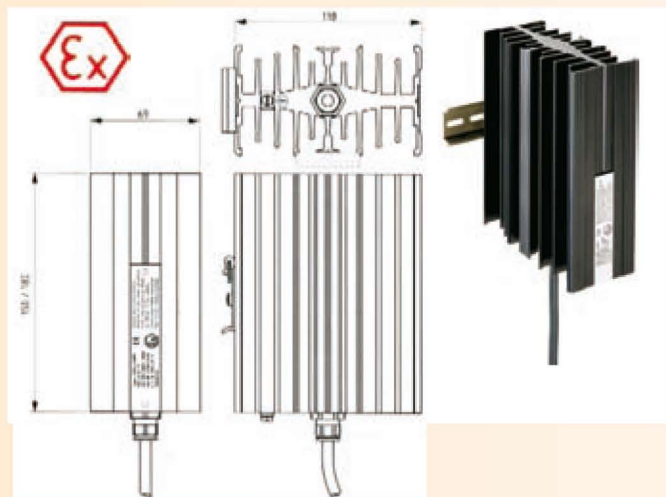


General characteristics

- **Standard voltage** 230 - 250 V_{ac}
- **Heating element** high performance cartridge
- **Heater body** die-cast aluminium
- **Connection box** plastic UL94 V-0
- **Service life** (fan at 25 °C) 50.000 h
- **Connection** 3-pole terminal for 1,5mm²
- **Mounting** Clip for 35 mm DIN rail, EN 50022
- **Fitting position** preferably vertical
- **Storage temp** -45 °C (-49 °F) - 70 °C (158 °F)
- **Degree protection against moisture** IP20
- **Standards** CE UL
- **Miscellaneous** Temperature safety cut-out: to protect against overheating in case of fan failure
- **Axial fan** 5 m³/h free output. (100 and 150 W models) 108 m³/h free output. (200, 300 and 400 W models)
- **Connection for fan** 2 terminals 2'5 mm² (L2/N2)
- **Important:** Heater may only be operated together with fan. Danger of overheating!

Model	Code	External dimensions in mm	Watts	Weight in Kg
Heating element WITHOUT fan	HV03100	80 x 112 x 22	100 W	0,40
	HV03101	80 x 112 x 22	150 W	0,40
	HV03110	119 x 112 x 22	200 W	0,50
	HV03111	119 x 112 x 22	300 W	0,50
Heating element WITH fan	HV03112	80 x 112 x 22	400 W	0,50
	HVL03102	80 x 112 x 22	100 W	0,60
	HVL03103	119 x 151 x 22	150 W	0,60
	HVL03113	119 x 151 x 22	200 W	0,90
	HVL03114	119 x 151 x 22	300 W	0,90
	HVL03115	119 x 151 x 22	400 W	0,90

GROUP 3 - Electric process heating equipment suitable for hazardous areas



General characteristics

- **Standard voltage** 230 - 250 V_{ac}
- **Heating element** high performance cartridge
- **Radiator** Anodized aluminium
- **Degree protection against moisture** IP65
- **Connection** Si HF-JZ 3 x 0.75mm² cable, length 1m
- **Mounting** Clip for 35 mm DIN rail, EN 50022
- **Fitting position** vertical
- **Storage temp** -45 °C (-49 °F) - 70 °C (158 °F)
- **Explosion protection** LCIE 01 ATEX 6073
- **Standards** EX CE
- **Miscellaneous** Connection PE: 4mm²

Code	EX protection class	T5 Surface temperature	Dimensions in mm	Watts	Weight in Kg
CREx50	EExd IIC T5	100 °C (vertical position)	150 x 118 x 69	50 W	1,3
CREx100	EExd IIC T4	135 °C (vertical position)	180 x 118 x 69	100 W	1,5

Ex THERMOSTAT, REx 0118 RANGE

General characteristics

- **Explosion protection** LCIE 01 ATEX 6074
- **Conformity certificate** 98.E 6109
- **Ex protection type** EExd IIC T6
- **Operating voltage** 250 Vac max. / 100 Vdc max.
- **Connections** Resistive: 4A 250 Vac
Inductive 1A; (cos φ = 0'6) 250V_{ac}
- **Service life** > 100,000 cycles
- **Sensor elements** thermostatic bimetal
- **Connection** Si HF - JZ 3 x 0.75mm², length 1m
- **Mounting** mounting bracket with nut M8
- **Fitting position** variable
- **Degree protection against moisture** IP 65

Code	Operating temperature	Switch difference	Weight in Kg
REx015	15 °C ± 3	4 ± 1 °C	0,20
REx025	25 °C ± 3	4 ± 1 °C	0,20

