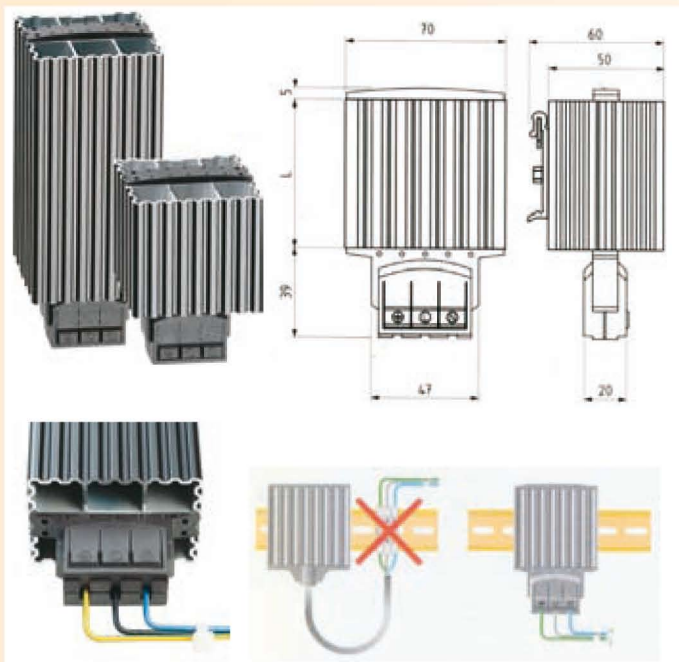


SEMI-CONDUCTOR HEATER, HG 140 RANGE

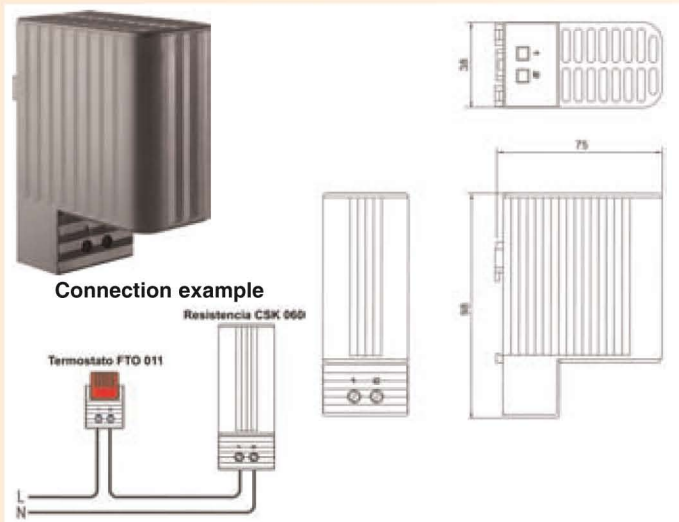


General characteristics

- **Standard voltage** 150 - 250 V_{ac/dc}. Max 265 V
- **Heating element** PTC. Self regulating heating element
- **Housing** Anodized aluminium
- **Electrical class** I (earthed)
- **Degree protection against moisture** IP44
- **Connection** 3 pressure clamps for stranded/ rigid wire 0.5 – 2.5mm²
- **Mounting** Clip for 35 mm DIN rail, EN 50022
- **Fitting position** preferably vertical
- **Storage temp** -45 °C (-49 °F) - 70 °C (158 °F)
- **Standards** VDE, CE
- **Accessories** screw fixing
- **Miscellaneous** Operating with voltages below AC/DC 140V reduces heating performance by approx. 10%

Code	Dimension L in mm	Heating power (T _{amb} =20 °C)	Maximum current	Weight in Kg
HG14000	65	15 W	aprox. 1,5 A	0,30
HG14001	65	30 W	aprox. 3,0 A	0,30
HG14003	65	45 W	aprox. 3,5 A	0,30
HG14005	140	60 W	aprox. 2,5 A	0,40
HG14006	140	75 W	aprox. 4,0 A	0,50
HG14007	140	100 W	aprox. 4,5 A	0,50
HG14008	220	150 W	aprox. 9,0 A	0,70

HEATERS FOR DISTRIBUTION CABINETS WITH PTC HEATING ELEMENT AND THERMOSTAT, CSK 060 RANGE.

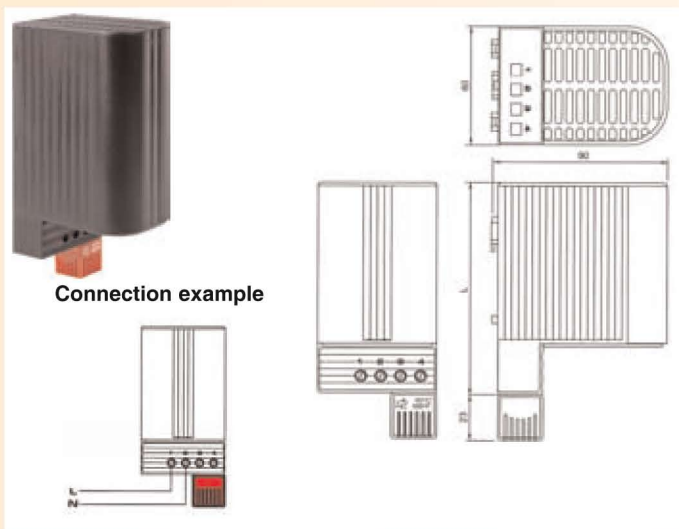


General characteristics

- **Heating element** self-regulating ptc heating element
- **Supply current** 150 - 250V ac/dc. Max 265V
- **Housing** <80 °C (According to VDE 0100), except over top grille
- **Connection** 2 poles, 2.5 mm² terminal
- **Fixing** clip for 35mm DIN rail, EN 60715
- **Mounting position** vertical
- **Storage temp.** -45 °C (-49 °F) - 70 °C (158 °F)
- **Protection degree / class** IP 20 / II (protective insulation)
- **Standardisations** VDE + UL File n° E150057
- **Other technical data** On current below 140V AC/DC, heating power is reduced by about 10%.

Code	Heating power (T _{amb} =20 °C)	Maximum current	Weight in Kg
CSK06010	10 W	aprox. 1,0 A	0,20
CSK06020	20 W	aprox. 2,5 A	0,30

HEATERS FOR DISTRIBUTION CABINETS WITH PTC HEATING ELEMENT AND THERMOSTAT, CSF 060 RANGE



General characteristics

- **Heating element** self-regulating ptc heating element
- **Supply current** 120 - 240 V_{ac/dc}. Max 265 V
- **Surface temperature** <80 °C (According to VDE 0100), except over top grille
- **Housing** Plástico según UL94 V-0, negro
- **Connection** 4 poles, 2.5 mm² terminal
- **Fixing** clip for 35mm DIN rail, EN 60715
- **Mounting position** vertical
- **Storage temp.** -45 °C (-49 °F) - 70 °C (158 °F)
- **Protection degree / class** IP 20 / II (protective insulation)
- **Standardisations** VDE + UL File n° E150057
- **Other technical data** On current below 140V AC/DC, heating power is reduced by about 10%

Code	Heating power (T _{amb} =20 °C)	Maximum current	Thermostat operating temperatures		Weight in Kg
			Disconnection	Connection	
CSF06001	50 W	aprox. 2,5 A	15 ± 5 °C	5 ± 5 °C	0,30
CSF06002	50 W	aprox. 2,5 A	25 ± 5 °C	15 ± 5 °C	0,30
CSF06011	100 W	aprox. 4,5 A	15 ± 5 °C	5 ± 5 °C	0,30
CSF06012	100 W	aprox. 4,5 A	25 ± 5 °C	15 ± 5 °C	0,30
CSF06021	150 W	aprox. 8 A	15 ± 5 °C	5 ± 5 °C	0,50
CSF06022	150 W	aprox. 8 A	25 ± 5 °C	15 ± 5 °C	0,50