

**FAN HEATER 150 - 400 W PTC  
CS028/CSL028**

02810.0-01

CSL 028 400W Fan heater, 230V ac, screw fixing

- Very compact design
- Quiet operation
- Dynamic heating
- Quick fastener for DIN rail or screw assembly

**PRODUCT DESCRIPTION**

CS028/CSL028 range is a high performance PTC fan heater; it prevents the formation of condensation and provides an even temperature within the enclosure.

It has a very compact design and is well-suited for use in cabinets and enclosures where space is at a premium.

Because the heater is dual isolated with a plastic casing, the surface temperature never exceeds 50 °C on the 150/250W and 65 °C on the 400 W unit. This means the heater can be mounted relatively close to other components in the same installation, and there is no risk for heat damage.

You can choose between brackets for DIN rails or screw assembly.

**SPECIFICATIONS**

|                              |   |
|------------------------------|---|
| <b>Air Capacity</b>          | 45 m³/h                                   |
| <b>Approvals</b>             | CE, cULus, EAC, RoHS, UL, UL E150057, VDE |
| <b>Color</b>                 | Black                                     |
| <b>Depth</b>                 | 111 mm                                    |
| <b>Drag Torque For Cable</b> | 0.8                                       |
| <b>Flamklass</b>             | UL94-V0                                   |
| <b>Frequenze</b>             | 50/60 Hz                                  |
| <b>Heat Output</b>           | 400 W                                     |
| <b>Heater</b>                | Plastic                                   |
| <b>Height</b>                | 90 mm                                     |

|                                |                             |
|--------------------------------|-----------------------------|
| <b>Humidity Storage</b>        | <90% RH                     |
| <b>IP Class</b>                | IP20                        |
| <b>Life span</b>               | 40 000 h @ +40 °C (+104 °F) |
| <b>Material of body</b>        | Plastic                     |
| <b>Mounting</b>                | Screw fixing                |
| <b>Nominal voltage</b>         | 230 V AC                    |
| <b>Number of fans</b>          | 1                           |
| <b>Operating Humidity</b>      | < 90% RH                    |
| <b>Operational Temperature</b> | -45°C ... +70°C             |
| <b>Pre fuse (slow)</b>         | 16 A                        |
| <b>Protection Class</b>        | II (double insulated)       |
| <b>Starting Current Max</b>    | 15 A                        |
| <b>Storage temperature</b>     | -45°C ... +70°C             |
| <b>Weight</b>                  | 0.5 kg                      |
| <b>Width</b>                   | 85 mm                       |
| <b>Voltage max</b>             | 230 V ac                    |
| <b>Voltage min</b>             | 230 V ac                    |

Thermostat KTO011 Heater CS(L) 028



