

465 422

**Technical data HG 040:**

**Operating voltage:**  
AC/DC 140 - 250 V  
max. 265 V

**Heating capacities:**  
see table

**Heating element:**  
PTC resistor  
self-regulating

**Radiator:**  
extruded aluminium profile  
anodized

**Protection class: II**  
Text voltage 4000 V

**Protection type: IP 54**

**Connection cable:**  
2 x 0.75 mm<sup>2</sup> x 500 mm long  
Silicon cable

**Mounting:**  
Clip for 35 mm DIN rail  
(EN 50022)

**Approvals:**  
VDE 0700 IEC 335-1  
(UL on request)

**Areas of application:**  
Switch and control cabinets  
Tool cabinets  
Display panels  
Personnel cabins  
Automatic teller machines  
Parking control systems

CE

The heaters are used in switch cabinets where condensation is to be prevented by the temperature may not fall below a minimum value

**Determination of heating capacity for switch cabinets**

$$P = A \times \Delta T \times k$$

P = Required heating capacity (W)

A = Complete free-standing or heat losing surface area of switch cabinet (m<sup>2</sup>)

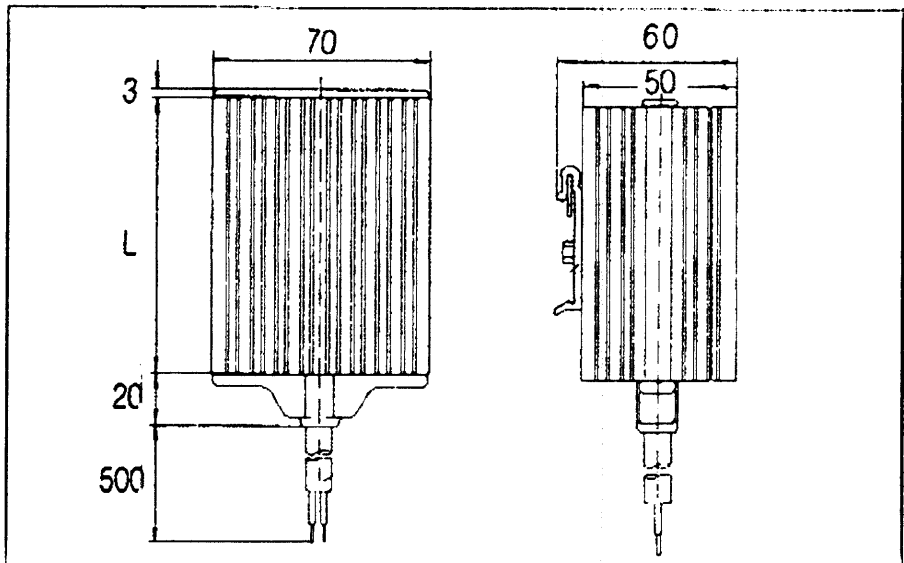
$\Delta T$  = Temperature difference between the ambient temperature and the average desired internal temperature of the switch cabinet (in K)

k = Heat transmission coefficient  
Lacquered sheet steel -- 5.5 W/m<sup>2</sup> K  
Polyester -- 3.5 W/m<sup>2</sup> K

When used outside. Double the calculated heating capacity

| Art. No.   | Heating capacity* | I max | L      | Weight |
|------------|-------------------|-------|--------|--------|
| 04000.0-00 | 15 W              | 0.5 A | 65 mm  | 0.3 kg |
| 04001.0-00 | 30 W              | 1.0 A | 65 mm  | 0.3 kg |
| 04003.0-00 | 45 W              | 1.0 A | 65 mm  | 0.3 kg |
| 04005.0-00 | 60 W              | 1.5 A | 140 mm | 0.5 kg |
| 04006.0-00 | 75 W              | 1.8 A | 140 mm | 0.5 kg |
| 04007.0-00 | 100 W             | 2.4 A | 140 mm | 0.5 kg |
| 04008.0-00 | 150 W             | 4.5 A | 220 mm | 0.8 kg |

\*at room temperature 20°C



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