

## Panel heaters

### Type 7H.51.0.230.0025

- Heating power 25 W

### Type 7H.51.0.230.0050

- Heating power 50 W

- Nominal voltage (110...230)V AC/DC
- Safe touch
- PTC resistor, self regulating heating system
- Clip for 35 mm rail (EN 60715) mount

7H.51.0025/0050  
Screw terminal



## 7H.51.0.230.0025

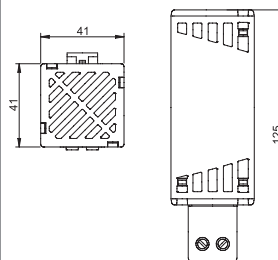
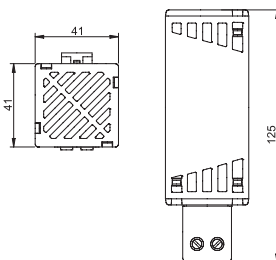


- Heating power 25 W
- Nominal voltage (110...230)V AC/DC
- Safe touch

## 7H.51.0.230.0050



- Heating power 50 W
- Nominal voltage (110...230)V AC/DC
- Safe touch



\* At 20°C ambient temperature

## Heating specification

Heating power \* W

25

50

Heater

PTC resistor, self-regulating heating system

Housing

Plastic according to UL94 – V0, black

## Supply specification

Nominal voltage (U<sub>N</sub>) V AC (50/60 Hz)/DC

110...230

110...230

Rated current A

0.13

0.20

Operating range V AC/DC

88...253

88...253

## Technical data

Radiator

Aluminium profile

Electrical connection

Screw terminals

Fitting position

Vertical

Ambient temperature °C

-45...+50

-45...+50

Protection category

IP20

IP20

Approvals (according to type)

CE EAC cULus

**Panel heaters****Type 7H.51.0.230.0100**

- Heating power 100 W

**Type 7H.51.0.230.0150**

- Heating power 150 W

- Nominal voltage (110...230)V AC/DC
- Safe touch
- PTC self regulating heating system
- Clip for 35 mm rail (EN 60715) mount

7H.51.0100/0150

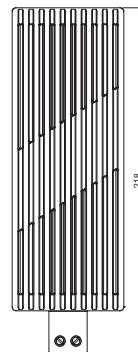
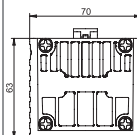
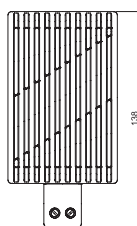
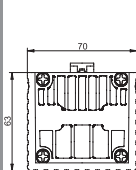
Screw terminal

**7H.51.0.230.0100**

- Heating power 100 W
- Nominal voltage (110...230)V AC/DC
- Safe touch

**7H.51.0.230.0150**

- Heating power 150 W
- Nominal voltage (110...230)V AC/DC
- Safe touch



\* At 20°C ambient temperature

**Heating specification**

Heating power *	W	100	150
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Heater	PTC resistor, self-regulating heating system		
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Housing	Plastic according to UL94 - V0, black		
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**Supply specification**

Nominal voltage (U <sub>N</sub> )	V AC (50/60 Hz)/DC	110...230	110...230
Rated current	A	0.45	0.70
Operating range	V AC/DC	88...253	88...253

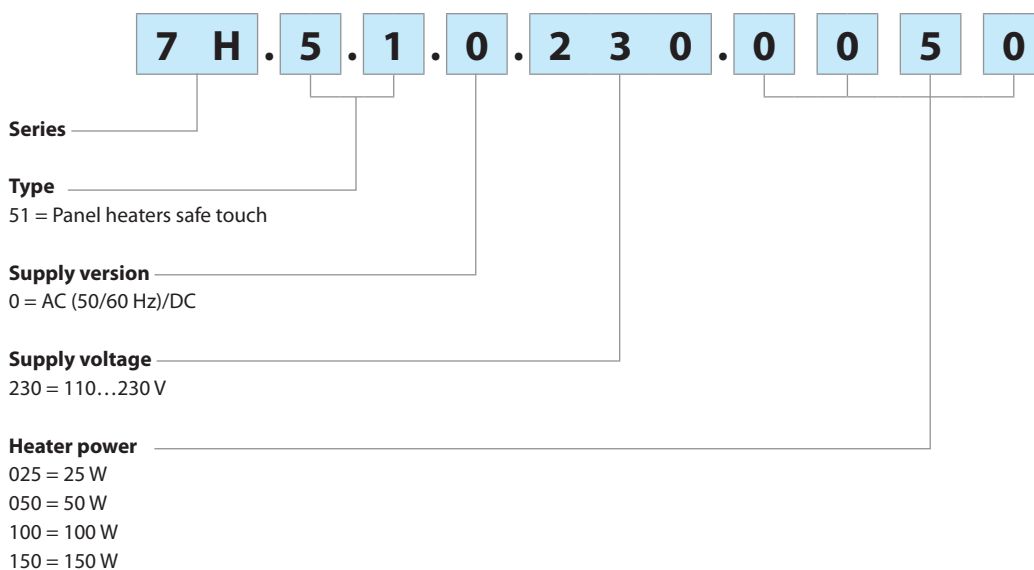
**Technical data**

Radiator	Alluminium profile		
Electrical connection	Screw terminals		
Fitting position	Vertical		
Ambient temperature	°C	-45...+50	-45...+50
Protection category		IP20	IP20


**Approvals** (according to type)

## Ordering information

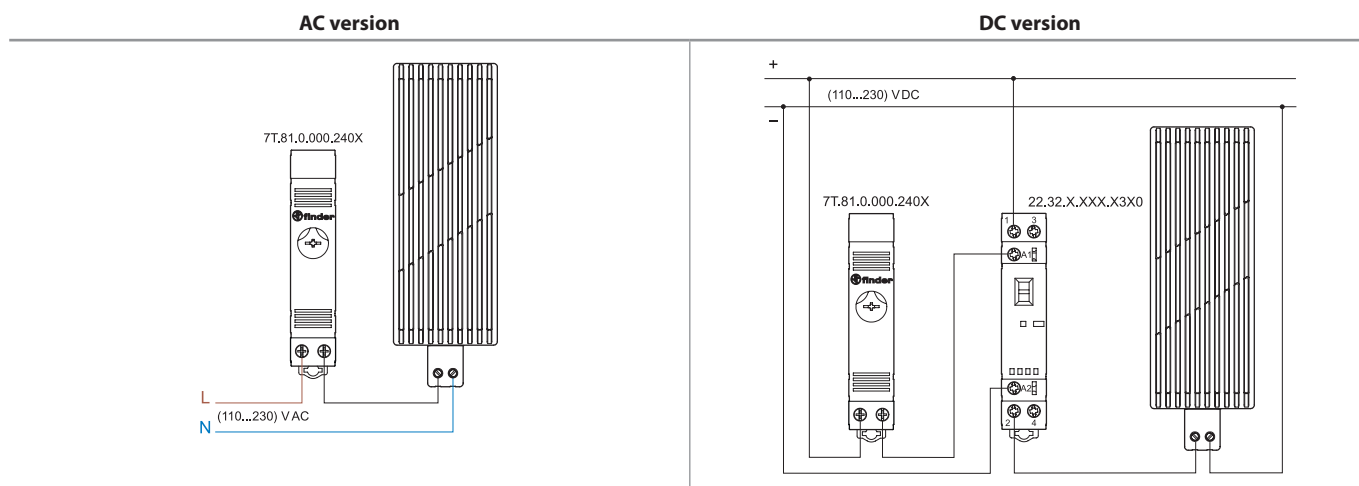
Example: 7H series, Panel heaters, heating power 50 W, 110...230 V AC/DC.



## General data

Terminals		solid cable	stranded cable
Max. wire size	mm <sup>2</sup>	1 x 2.5	1 x 1.5
	AWG	1 x 12	1 x 16
 Screw torque	Nm	0.5	

## Wiring diagrams



### SAFETY NOTE

For reasons of safety and performance, heaters must be mounted in the following way:

1. keep a distance of 100 mm. from components above and below and of 60 mm from side components
2. install vertically (cables below heater) in the bottom part of cabinet
3. do not mount heaters over easily inflammable materials
4. do not operate in corrosive ambient air

### WARNING

Do not cover the heater.

The 7H.51 Heater surface is very hot for 15-20 minutes after disconnecting.

During working and maintenance, don't touch it.

**Caution:** risk of burns.

