

Ordering information

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

7 H . 5 1 . 0 . 2 3 0 . 0 2 5 0

Series ————

Type ————
51 = Panel heaters safe touch

Supply version ————
0 = AC (50/60 Hz)/DC
8 = AC (50/60 Hz) only fan assisted version

Supply voltage ————
230 = 110...230 V
110 = 110 V only fan assisted version
230 = 230 V only fan assisted version

Heater power ————
0025 = 25 W
0050 = 50 W
0100 = 100 W
0150 = 150 W
0250 = 250 W
0400 = 400 W

7H.51.0.230.0250

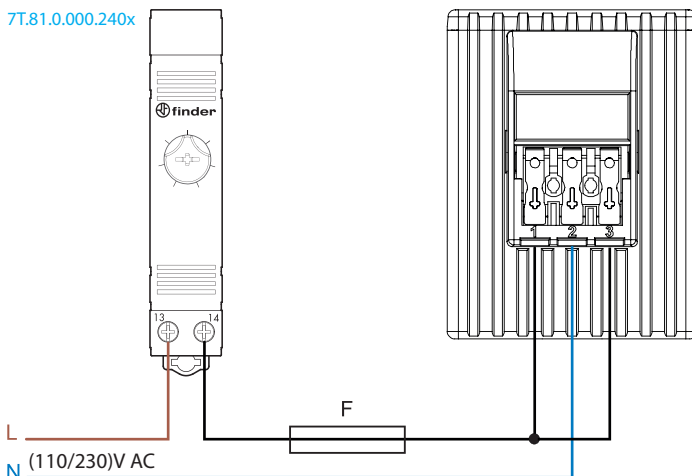
General data

Insulation		7H.51.0...025/050/100/150	7H.51.8...250/400
Rated voltage of power supply system	V AC	120/240	240
Rated insulations voltage	V AC	250	
Pollution degree		3	
Terminal insulation			
Dielectric strenght between L and N to metal clip on the housing	V AC (3s)	2500	
Overvoltage category		II	
Rated impulse voltage (1.2/50)µs	kV	2.5	
Terminals		solid cable	stranded cable
Max. wire size (push-in terminals)	mm ²	2 x 1.5	2 x 1.5
	AWG	2 x 16	2 x 16
Max. wire size (screw terminals)	mm ²	1 x 2.5	1 x 1.5
	AWG	1 x 12	1 x 16
Screw torque	Nm	0.5	

Wiring diagrams

Fan assisted version

7T.81.0.000.240x



NOTE: Separate supply (L) terminals for the heater and the internal fan allow them to be powered independently.

So, dependent on the specific situation, the installer might wish the heating element to be controlled by an upstream thermostat but require the fan to run continuously (although the latter will significantly reduce the product's life).

1 = L (heater)
2 = N
3 = L (fan)

F = aM 10 A @110 V AC
aM 6.3 A @230 V AC