



Timers

Indicators and transducers



Function

Timers clock up the operating hours of machines or electrical equipment.

Characteristics

- 7 power supply voltages: 10 to 80 VDC
- 80 to 220 VDC - 24 VAC - 48 VAC
- 115 VAC - 230 VAC - 400 VAC.
- 2 operating frequencies: 50 - 60 Hz.
- 2 standardised case models:
DIN with square sections and a modular case.
- 2 sizes of case:
48 x 48, 72 x 72 mm.
- Dielectric quality: 2 kV - 50 Hz - 1 mn.
- Consumption:
- 3 VA in AC,
- 0.5 to 27 mA depending on the DC model.
- IP65 front panel for DIN 48.
- IP52 for DIN 72.
- Operating temperature:
-25 to + 40°C.
- Humidity rate:
85% non-condensing.

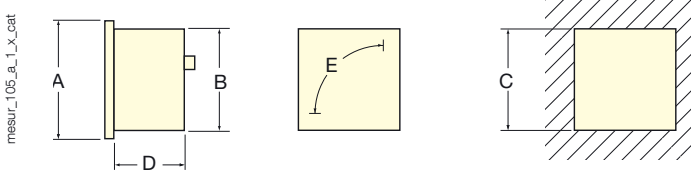
References

DIN case			
Power supply voltage	Frequency	DIN 48x48 D48-H	DIN 72x72 D72-H
		Reference	Reference
24 VAC	50 Hz	192Q 3098	
24 VAC	60 Hz	192Q 3096	
48 VAC	50 Hz	192Q 3099	
48 VAC	60 Hz	192Q 3097	
115 VAC	50 Hz	192Q 3101	
115 VAC	60 Hz	192Q 3106	
230 VAC	50 Hz	192Q 3100	
230 VAC	60 Hz	192Q 3105	
400 VAC	50 Hz	192Q 3102	192Q 3202
10 to 80 VDC		192Q 3108	
80 to 220 VDC		192Q 3111	

Modular case				Timer
Power supply	Frequency	Max. value	Number of modules	Reference
230 VAC	50 Hz	99999.9 h	2	192Q 5000
24 VAC	50 Hz	99999.9 h	2	192Q 5001
10 to 27 VDC		99999.9 h	2	192Q 5002

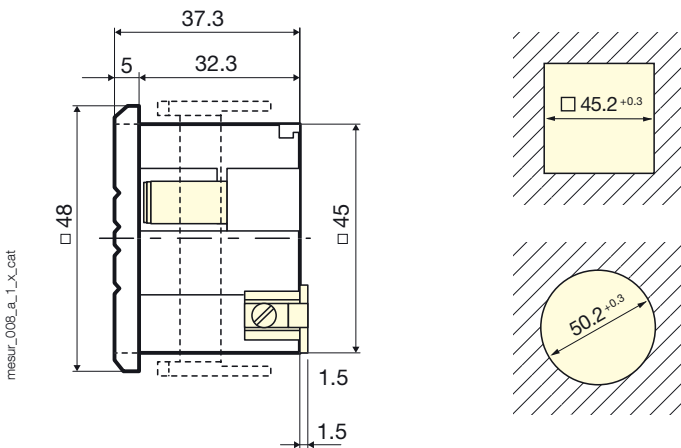
Dimensions

Case DIN 72



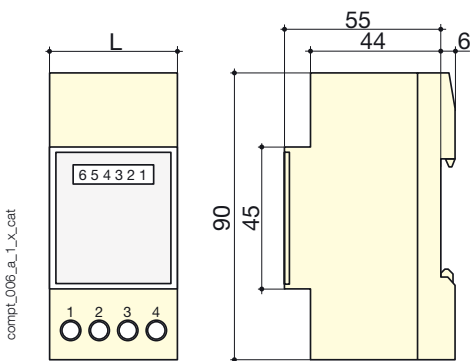
A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
72 x 72	66.5 x 66.5	68 ^{-0.7}	58	65

Case DIN 48



- With protection against direct contact
- With square 48 mm panel, square 45.2 mm cutout only.
- With square 52 mm underside, square 45.2 mm cutout and Ø 50.2 mm only.

Modular case



Number of modules	Front panel protection degree	Degree of protection on terminals	L (mm)	Mounting
2	IP65	IP20	36	DIN rail 35 mm

Connections

