

Plug-in Electromechanical Preset Time Counters

Type 489



TECHNICAL DATA

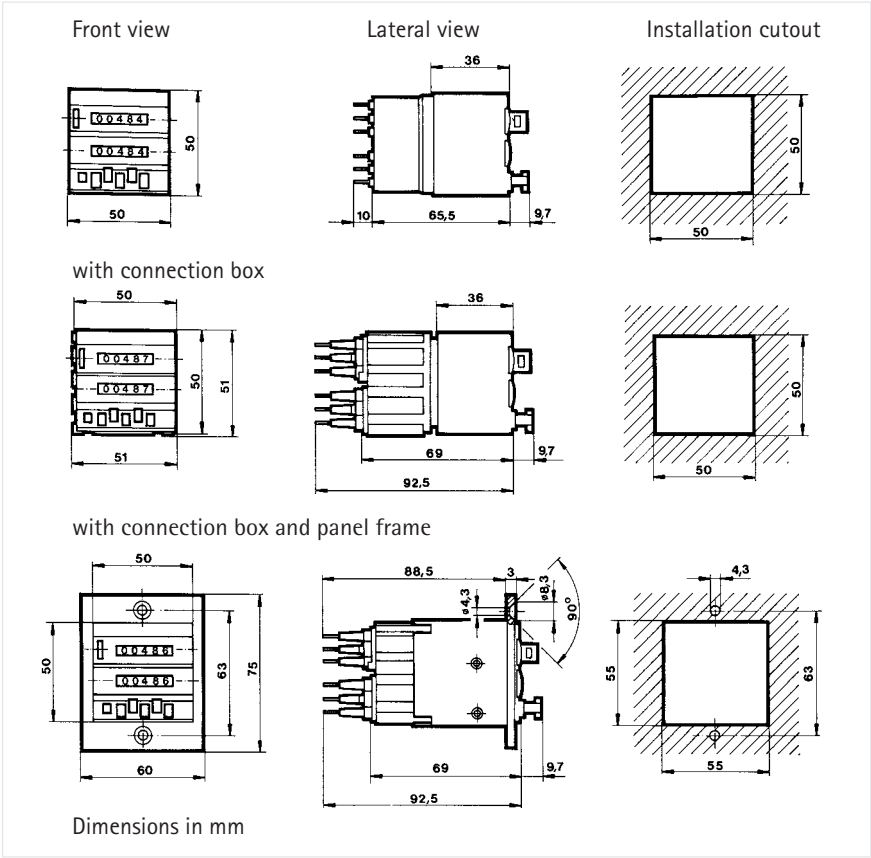
- Preset value continuously visible
- Manual reset
- Resolution 0.1 h
- Plugs into modular system 400

Display	5-digit indication of count and preset value, 9999.9 h
Digit height	4 mm
Supply voltage V_{op}	see ordering code table, tolerance + 10 %
Power consumption	counter: 1 VA/W
Operating temperature	- 10 ... + 50 °C
Storage temperature	- 20 ... + 85 °C
Electrical connection	AMP connector, 0.8 x 2.8 mm (via connection box)
Mounting	modular system 400
Mounting position	roller axis horizontal
Protection class (IEC 144)	front IP 40, connections IP 00; for higher degree of protection we recommend a protective case with transparent cover (see "Accessories")
General design	acc. to DIN VDE 0700
Reset	manual with button
Reset frequency	DC version max. 1 per s, AC version max. 1 per 2 s
Signal output	changeover contact, floating
Signal duration	from when preset has been reached until reset
Switching voltage	max. 220 VAC
Switching current	max. 20 VA/1 A, non-inductive

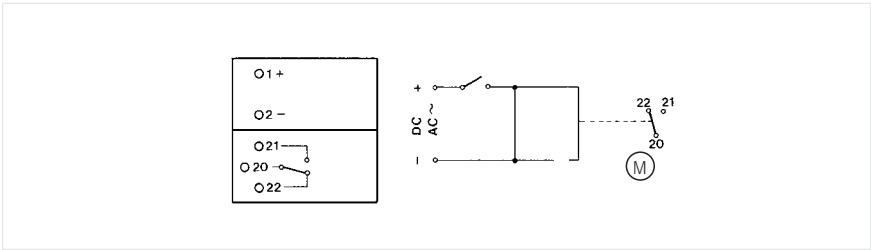
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DIMENSIONED DRAWINGS



CONNECTION DIAGRAM



ORDER INFORMATION

Counter

Voltage	Display 9999.9 h Ordering code
24 V/50 Hz	0 489 101
115 V/50 Hz	0 489 103
220 V/50 Hz	0 489 105
24 V/60 Hz	0 489 102*
220 V/60 Hz	0 489 106*
24 VDC	0 489 121
Key reset system	Ordering code + SR e. g. 0 489 101 SR
Panel frame	1 405 492
Connection box	1 405 537

* on request

Standard accessories