

Panel-mounted electro-mechanical process timers - Manual reset

Relay output

- Mono-function
- Mono-range
- Mono-voltage
- Manual reset
- Progress of cycle displayed
- Output: 1, 2 or 3 changeover contacts (max of 16A per contact)
- Mounting option

Characteristics

Accuracy

Precision limit error	± 4%
Selection precision :	See table* timing ranges* for scale graduation

Output specification

Changeover : timed	1 or 2 or 3
Thermal rating	20 A
Mechanical life (operations)	> 10 ⁷
Rating (cos φ = 0.41)	16 A-230 V
10 ⁴ operations	

Function and use

Voltage variation at a maximum temperature of 55 °C according to IEC 255-1-00	+10% -15% Un
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Absorbed power : motor	3.1 VA cos φ 0.8
Operating factor	100%
Temperature limits	Use: -5 +70 °C Stored: -40 +80 °C

Environmental protection	
Protected metal components - Insulated motor coil	●
Vibration withstand on 3 axes (Veritas standard)	4 G - 55 Hz

Dielectric test voltage according to IEC 255-5 or VDE 0435	1000 V-Un ≤ 60 V 2000 V-Un > 60 V
Insulation according to the standard VDE 0110 group C	380 V ~ 440 V ~
Protection : terminal	IP10

Operates in any position	●
Connection	Tags: 6.35 Motor leads: 250 mm
Mounting	By screw: 2 x M3-2 x M4
Weight (g)	225 / 245

Models	1 pole
	2 poles
	3 poles

Part numbers (and time ranges)

5min
15min
30min
60min
120min
5h
15h
30h

Contact voltage

Functions

Relay output
Breaking capacity per contact

Timing ranges (1 version per range) *

Version	Maximum available timing	Dial graduation
5min	4min 40s	15s
15min	14min	30s
30min	28min	1min
60min	56min	2min 30s
120min	1h 53min	5min
5h	4h 43min	5min
15h	14h 10min	30min
30h	28h 20min	1h

Average duration of pulse between changeover of 2 timed contacts
3% of maximum timing selected

Internal layout

Accessories

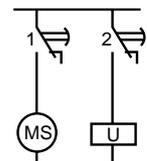
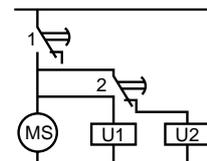
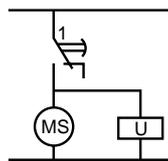
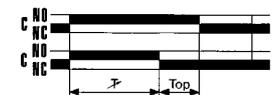
Inverter for	24 • 48 V ~	84 861 501
DC supply	110 • 127 V ~	84 861 503

Function diagrams - Connections

1 pole

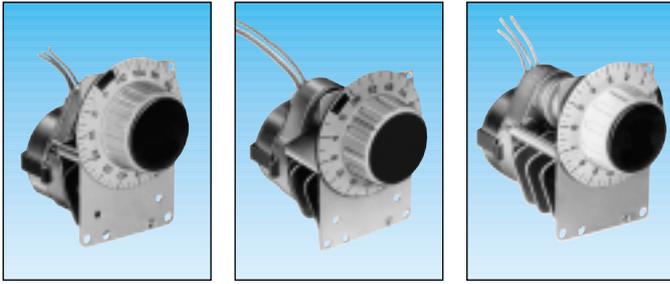


2 poles



Other information

For other voltages and frequencies and DC, please consult us.
Other functions available, please consult us.
Timing fixed or adjustable by external or built-in potentiometer.



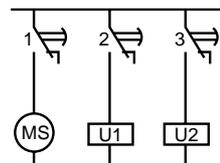
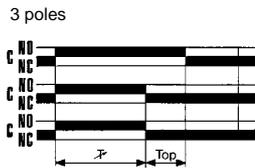
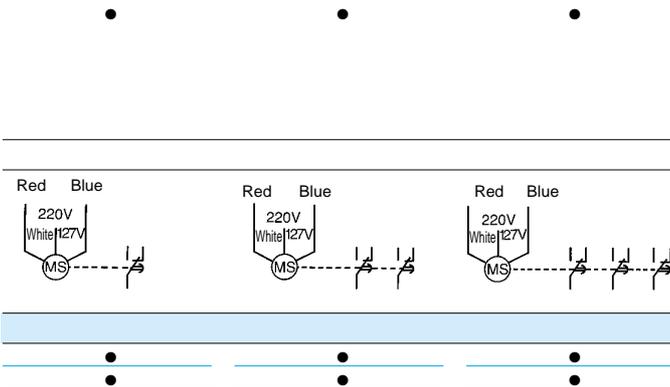
88 256 401	88 256 506	88 256 906
88 256 402	88 256 507	88 256 907
88 256 403	88 256 508	88 256 908
88 256 404	88 256 509	88 256 909
88 256 405	88 256 510	88 256 910
88 256 406	88 256 511	88 256 911
88 256 407	88 256 512	88 256 912
88 256 408	88 256 513	88 256 913
127/230 V ~ - 50 Hz	127/230 V ~ - 50 Hz	127/230 V ~ - 50 Hz

Mono-function	Mono-function	Mono-function
1 timed	2 timed	3 timed
16 A	16 A	16 A

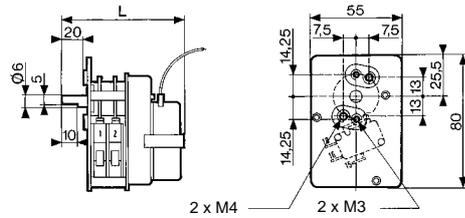
1

2

3

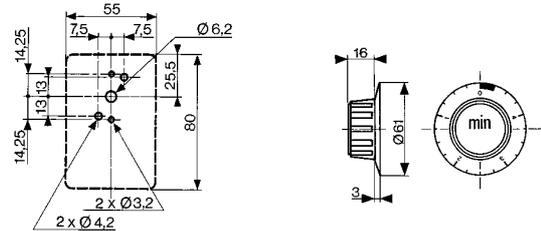


Dimensions

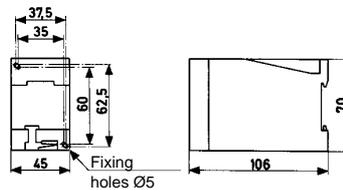


Types	L mm
88 256 4	72
88 256 5	83.5
88 256 9	94

Panel cut-out



Inverter for DC supply
 84 861 501 : 24 • 48 Vdc
 84 861 503 : 110 • 127 Vdc
 Weight 150 g



To order, specify :

Standard products

1 Part number 2 Timing ranges 3 Accessory

Standard products, non stocked

Example : Electro-mechanical timer - 88 256 509 - 60 min - Inverter 84 861 501