


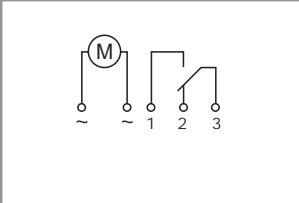
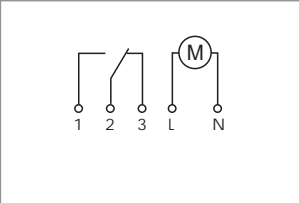
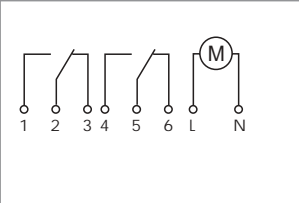
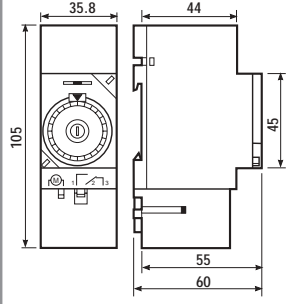
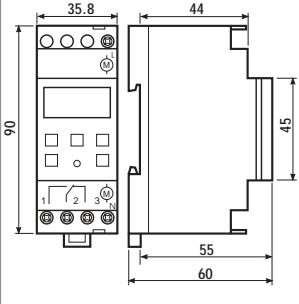
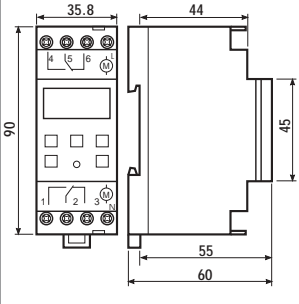



- Two types available:  
     type 12.01 - mechanical daily time switch  
     type 12.21 - digital weekly time switch
- 35.8 mm wide
- 35 mm rail (EN 50022) mount

	12.01	12.21	12.22
			
	- mechanical daily time switch - 1 CO - 35 mm rail (EN 50022)	- digital weekly time switch - 1 CO - 35 mm rail (EN 50022)	- digital weekly time switch - 2 CO - 35 mm rail (EN 50022)
			
			
<b>Contact specifications</b>			
Contact configuration	1 CO	1 CO	2 CO
Rated current/Max. peak current	A	16/—	16/30
Rated voltage/Max. switching voltage	V AC	250/—	250/—
Rated load in AC1	VA	4,000	4,000
Rated load in AC15 (230 VAC)	VA	750	750
Nominal lamp rating: incandescence (230V)	W	2,000 (NO contact)	2,000 (NO contact)
compensated fluorescent (230V)	W	750 (NO contact)	420 (NO contact)
uncompensated fluorescent (230V)	W	1,000 (NO contact)	1,000 (NO contact)
halogens (230V)	W	2,000 (NO contact)	2,000 (NO contact)
Minimum switching load	mW(V/ma)	1,000 (10/10)	1,000 (10/10)
Standard contact material		AgCdO	AgCdO
<b>Supply specifications</b>			
Nominal voltage	V AC (50/60Hz)	230	230
	V DC	—	—
Rated power AC/DC	VA (50Hz)/W	2/—	2/—
Operating range	AC (50Hz)	(0.85...1.1)U <sub>N</sub>	(0.85...1.1)U <sub>N</sub>
	DC	—	—
<b>Technical data</b>			
Electrical life at rated load in AC1	cycles	50 · 10 <sup>3</sup>	50 · 10 <sup>3</sup>
Type of time switch		daily	weekly
Programs		48 switching point	30
Minimum interval setting	min	30	1
Accuracy	s/day	1.5	1.5
Ambient temperature range	°C	-5...+55	-5...+55
Protection category		IP 20	IP 20
<b>Approvals:</b> (according to type)			

## ORDERING INFORMATION

Example: a 12 series, mechanical daily time switch, 1 CO (SPDT) - 16 A, supply voltage 230 V AC.

**1 2 . 0 1 . 8 . 2 3 0 . 0 0 0 0**

**Series**

**Type**

0 = Daily

2 = Weekly

**No. of poles**

1 = 1 CO (SPDT), 16 A

**Supply voltage**

230 = 230 V

**Supply version**

8 = AC (50/60 Hz)

## TECHNICAL DATA

### INSULATION

**12.01**

**12.21**

DIELECTRIC STRENGTH - between open contacts	V	1,000	1,000
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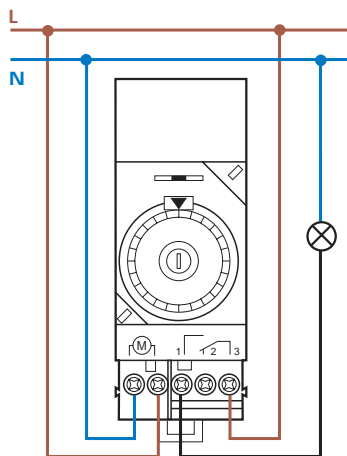
### OTHER DATA

**12.01**

**12.21**

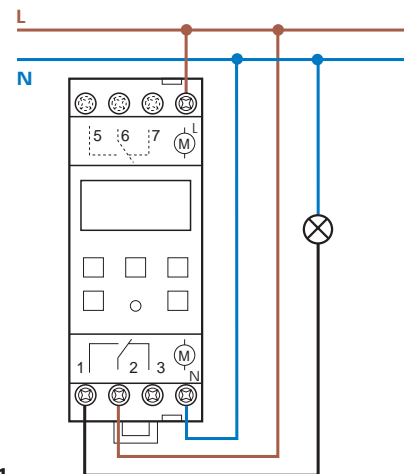
POWER BACK-UP		70 h after 80 h uninterrupted supply	6 years after the first operation		
POWER LOST IN THE ENVIRONMENT	- without contact current	W	1.5	2	
	- with rated current	W	2.5	3 ( 1 CO)      4 ( 2 CO)	
MAX WIRE SIZE		solid cable	flexible cable	solid cable	flexible cable
	mm <sup>2</sup>	1x6 / 2x4	1x6 / 2x2.5	1x6 / 2x4	1x6 / 2x2.5
	AWG	1x10 / 2x12	1x10 / 2x14	1x10 / 2x12	1x10 / 2x14
TORQUE	Nm	1.2	1.2	1.2	

## WIRING DIAGRAMS



### Type 12.01

SELECTOR SWITCH:  
Permanently OFF (O)  
Automatic (AUTO)  
Permanently ON (I)



### Type 12.21