

Mechanical time switches

- Daily time setting*
- Weekly time setting**

Type 12.01

- Daily
- 1 CO 16 A
- 35.8 mm wide
- 35 mm rail mount

Type 12.11

- Daily
- 1 NO 16 A
- 17.5 mm wide
- 35 mm rail mount

Type 12.31-0000

- Daily
- 1 CO 16 A
- 72 x 72 mm
- Front panel mount

Type 12.31-0007

- Weekly
- 1 CO 16 A
- 72 x 72 mm
- Front panel mount

- Minimum time interval setting:
1 h (12.31-0007)
30 min (12.01)
15 min (12.11 - 12.31-0000)

* Same program every day

** Different program possible for each of the 7 days of the week

For outline drawing see page 13

12.01



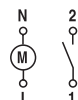
- Mechanical daily time switch
- 1 CO 16 A
- 35 mm rail (EN 60715) mount



12.11



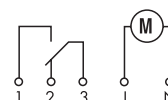
- Mechanical daily time switch
- 1 NO 16 A
- 35 mm rail (EN 60715) mount



12.31



- Mechanical daily or weekly
- 1 CO 16 A
- Front panel mounting



Contact specification

Contact configuration	1 CO (SPDT)	1 NO (SPST-NO)	1 CO (SPDT)
Rated current/Maximum peak current	A	16/—	16/30
Rated voltage/Maximum switching voltage	V AC	250/—	250/—
Rated load AC1	VA	4000	4000
Rated load AC15 (230 V AC)	VA	750	420
Nominal lamp rating:			
incandescent (230 V) W	2000 (NO contact)	2000	2000
compensated fluorescent (230 V) W	750 (NO contact)	750	750
uncompensated fluorescent (230 V) W	1000 (NO contact)	1000	1000
halogen (230 V) W	2000 (NO contact)	2000	2000
Minimum switching load	mW (V/mA)	1000 (10/10)	1000 (10/10)
Standard contact material	AgSnO ₂	AgSnO ₂	AgCdO

Supply specification

Nominal voltage (U _N)	V AC (50/60 Hz)	230	230	120 - 230
	V DC	—	—	—
Rated power AC/DC	VA (50 Hz)/W	2/—	2/—	2/—
Operating range	AC (50 Hz)	(0.85...1.1)U _N	(0.85...1.1)U _N	(0.85...1.1)U _N
	DC	—	—	—

Technical data

Electrical life at rated load in AC1	cycles	50 · 10 ³	50 · 10 ³	50 · 10 ³
Type of time switch		daily	daily	daily weekly
Switching intervals /day		48	96	96 24 (168/week)
Minimum switching interval	min	30	15	15 60
Accuracy	s/day	1.5	1.5	1.5
Ambient temperature range	°C	-5...+50	-5...+50	-10...+50
Protection category		IP 20	IP 20	IP 20

Approvals (according to type)

