

XT-17M-P relay - Asymmetric cycler,

Datasheet

1 C/O, 16 A



Description

The XT-17M-P relay is a single function pulse time relay with adjustable start function. Cyclor starts with impulse or with pause.

10 times ranges available:

0.1...1 s	1...10 s	0.1...1 min	1...10 min
0.1...1 h	1...10 h	0.1...1 d	1...10 d
3...30 d	10...100 d		

Universal supply voltage 12...240 VAC/DC 50/60 hz and 1 change-over contact 16 A, AC1. Visual output indication by a red LED, 1 module wide, 35 mm rail mounting.

Application

Asymmetric cycler relay for general purpose applications. For example to be used for regular room ventilation, cyclic dehumidification, light control, circulating pumps etc.

Features

- Assymmetric cycler
- 2 functions:
Cyclor beginning with pulse
Cyclor beginning with pause
- Time range 0.1 s...100 d
- 1 C/O contact 16 A / AC1
- 35 mm rail mounting
- LED indicator red and green
- Universal supply voltage 12..240 VAC/DC
- Modular housing, 1 module

Benefits

- Rated current 16 A / AC1
- Long term availability
- 17.6 mm wide
- No maintenance

Industry compliancy

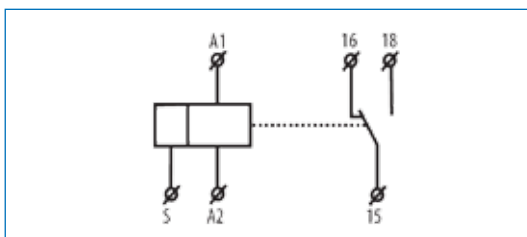
All our relays and accessories are designed according to regulations:

- EN 60255-6
- EN 61010-1
- CE

XT-17M-P relay

Technical specifications

Connection diagram



Time range

Time range	0.1 s...100 d
Time setting	Potentiometer
Time deviation	5 % mechanical setting
Repeat accuracy	0.2 % set value stability
Temperature coefficient	0.01 % / °C, at 20 °C

Control

Load between S - A2	Yes
Control terminals	A1 - S
Max. capacity of cable control	9 nF (AC 230 V), max 20 pcs (1 pc - 1 mA) 12 nF without connected glow-lamps
Impulse length	Min. 25 ms / Max. unlimited
Reset time	Max. 150 ms

Output

Number of contacts	1x change-over contact /SPDT (AgNi/Silver alloy)
Rated current	16 A / AC1
Breaking capacity	4000 VA / AC1, 384 W / DC
Inrush current	30 A / < 3 s
Switching voltage	250 V AC1 / 24 V DC1
Min. breaking capacity DC	500 mW
Output indication	Red LED
Mechanical life	30 x 10 ⁶ operations
Electrical life (AC1)	7 x 10 ⁴ operations

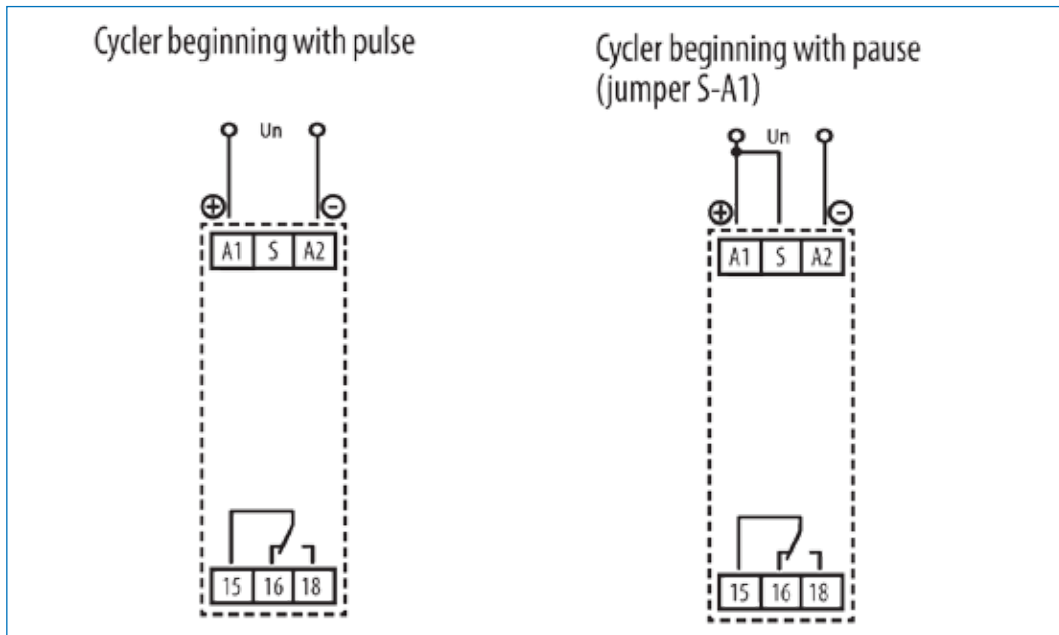
Supply and measuring

Supply terminals	A1 - A2
Supply voltage	12...240 VAC/DC (50/60 Hz)
Power consumption	AC 0.7...3.0 VA/DC 0.5...1.7 W
Supply voltage tolerance	0.85...1.1 U _n
Supply indication	Green LED

XT-17M-P relay

Technical specifications

Connection



Environmental conditions

Operating temperature	-20 °C... +55 °C
Storage temperature	-30 °C... +70 °C
Electrical strength	4 kV (supply - output)
Operating position	Any
Mounting	35 mm rail EN 60715
Protection degree	IP40 front panel / IP20 terminals
Overvoltage category	III
Pollution degree	2
Max. cable size	Solid wire max. 1 x 2.5 mm ² or 2 x 1.5 mm ² / with sleeve max. 1 x 2.5 mm ²

Mechanical data

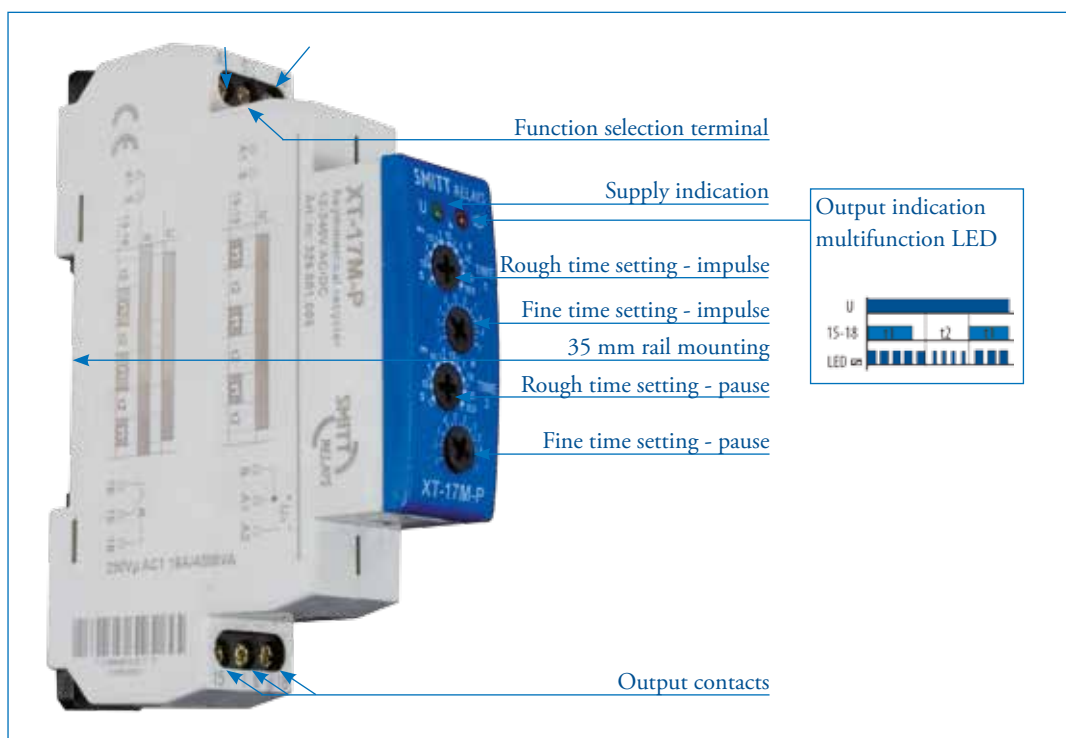
Dimensions (d x w x h)	90 x 17.6 x 64 mm
Weight	65 g
Standard	EN 61812-1, EN 61010-1



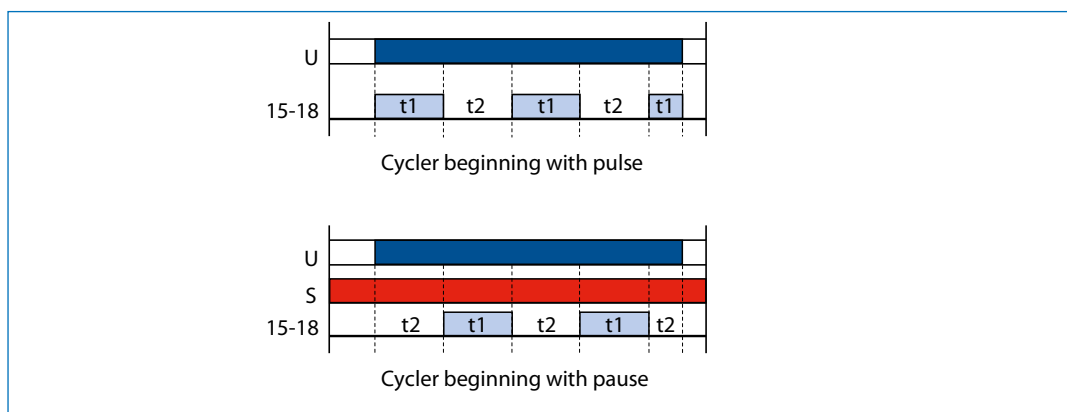
XT-17M-P relay

Technical specifications

Description



Functions



Time ranges

	1 s	10 s	1 min	10 min	1 h	10 h
Min.	0.1 s	1 s	6 s	1 min	6 min	1 h
Max.	1 s	10 s	60 s	10 min	60 min	10 h

XT-17M-P relay

Ordering codes

Art. no.	Type	Time range	Function	Contacts	Voltage range
326001001	XT-17M-A1	0.1 - 1 s	Delay-on	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001009	XT-17M-A2	1 - 10 s	Delay-on	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001010	XT-17M-A3	6 - 60 s	Delay-on	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001011	XT-17M-A4	1 - 10 min	Delay-on	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001012	XT-17M-A5	6 - 60 min	Delay-on	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001013	XT-17M-A6	1 - 10 h	Delay-on	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001002	XT-17M-B1	0.1 - 1 s	Delay-off	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001014	XT-17M-B2	1 - 10 s	Delay-off	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001015	XT-17M-B3	6 - 60 s	Delay-off	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001016	XT-17M-B4	1 - 10 min	Delay-off	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001017	XT-17M-B5	6 - 60 min	Delay-off	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001018	XT-17M-B6	1 - 10 h	Delay-off	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001003	XT-17M-C1	0.1 s - 10 d	Multifunction	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001004	XT-17M-C3	0.1 s - 10 d	Multifunction	3 C/O	12 - 240 VAC/DC, 50/60 Hz
326001025	XT-17M-C1/6	0.1 s - 10 h	Multifunction	1 C/O	24 - 240 VAC, 50/60 Hz or 24 VDC
326001019	XT-17M-D	0.1 s - 10 min	Delay-on / Delay-off*	2 C/O	12 - 240 VAC/DC, 50/60 Hz
326001020	XT-17M-L	-	Latching	2 C/O	12 - 240 VAC/DC, 50/60 Hz
326001005	XT-17M-P	0.1 s - 100 d	Recycler	1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001006	XT-17M-S	0.1 s - 100 d	Star-delta	2 C/O	12 - 240 VAC/DC, 50/60 Hz
326001021	XT-17M-2XA	0.1 s - 10 d	Delay-on	2x 1 C/O	12 - 240 VAC/DC, 50/60 Hz
326001026	XT-35M-DC2	Weekly	Digital time	2 C/O	12 - 240 VAC/DC, 50/60 Hz
326001028	XT-35M-DCL1	Daily - weekly	Digital twilight switch	1 C/O	230 VAC, 50/60 Hz

* without auxiliary supply





www.morssmitt.com



Mors Smitt France SAS

Tour Rosny 2, Avenue du Général de Gaulle,

F - 93118 Rosny-sous-Bois Cedex, FRANCE

T +33 (0)1 4812 1440, F +33 (0)1 4855 9001

E sales@msrelais.com

Mors Smitt Asia Ltd.

807, Billion Trade Centre, 31 Hung To Road

Kwun Tong, Kowloon, HONG KONG SAR

T +852 2343 5555, F +852 2343 6555

E info@morssmitt.hk

Mors Smitt B.V.

Vrieslantlaan 6, 3526 AA Utrecht,

NETHERLANDS

T +31 (0)30 288 1311, F +31 (0)30 289 8816

E sales.msbv@wabtec.com

Mors Smitt Technologies Inc.

1010 Johnson Drive,

Buffalo Grove, IL 60089-6918, USA

T +1 847 777 6497, F +1 847 520 2222

E salesmst@wabtec.com

Mors Smitt UK Ltd.

Doulton Road, Cradley Heath

West Midlands, B64 5QB, UK

T +44 (0)1384 567 755, F +44 (0)1384 567 710

E sales.msuk@wabtec.com