



XT-35I-C

Multi function	12 functions
Multi voltage	24...240Vac/dc
Multi time range	0.1s...192h
Output	2CO 8A

Time / function

Function	12 functions - 4 controlled via supply voltage - 8 controlled via control input (Y1)
Time range	0.1s...192h
Time setting	potentiometer + rotary switch (front)
Precision	+/- 2%
Repeat accuracy	+/- 1%
Temperature coefficient	

Supply specifications

Supply voltage	24...240VAC/DC
Tolerance	
Consumption	
Supply terminals	A1 – A2
Supply indication	green LED

Output specifications

Contact	2 changeover contact
Rated current	8A / AC1
Breaking capacity	2500VA / AC1, 240W / DC
Inrush current	
Switching voltage	250VAC / 24VDC
Min. breaking capacity DC	
Output indication	red LED
Mechanical life	> 30x10 ⁶
Max. switching rate, mechanical	72.000 cycles/h
Max. switching rate, full load	360 cycles/h

Control

Control voltage	24...240VAC/DC
Consumption of input	
Impulse length	
Control terminals	A1 – Y1

General data

Reset time	60ms
Max. cable connections	2.5mm ²
Mounting	on DIN-rail (EN 50022)
Mounting position	any (no restrictions)
Electrical strenght	2.5kV
Overvoltage category	III
Pollution degree	3
Protection degree	IP 20
Operating temperature	-20...50°C
Storage temperature	-50...85°C
Dimensions	91.5 x 35 x 98mm
Weight	
Standards	EN 50081-1, EN 50082-1 EN 60204-1, EN 61010-11

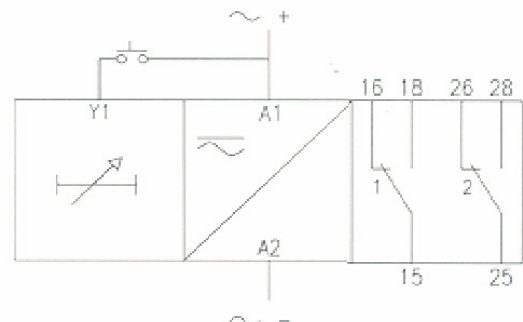
Function diagrams

See page 16

Time ranges

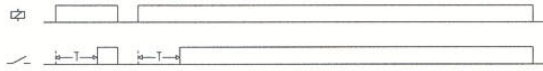
0.1...1s	6...60min
0.3...3s	18...180min
1.5...15s	0.6...6h
3...30s	1.2...12h
6...60s	2.4...24h
18...180s	4.8...48h
1.5...15min	9.6...96h
3...30min	19.2...192h

Connection diagram



A Delay ON

Connection of power supply activates the time set. When time has elapsed the relay is switched ON.



B Delay OFF

Connection of power supply, the relay is switched ON and activates the time set. When time has elapsed the relay is switched OFF.



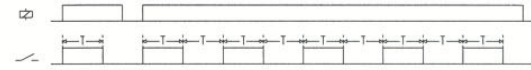
I Symmetrical Recycler, start OFF

Connection of power supply activates the relay, starting OFF. Contact is switched OFF / ON as long as power supply is applied. (time OFF = time ON).



J Symmetrical Recycler, start ON

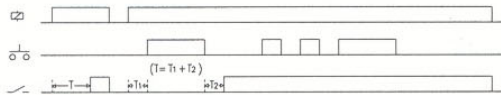
Connection of power supply activates the relay, starting ON. Contact is switched ON / OFF as long as power supply is applied. (time ON = time OFF).



+ Control Y1

A Delay ON + time storage

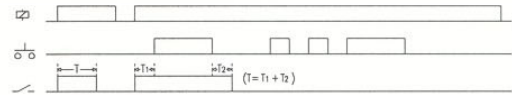
Connection of power supply activates the time lap. Make of control Y1 stops the time lap. Break of control Y1, the time lap is continued. When time lap has elapsed, the relay is switched ON. Reset by disconnection of power supply.



+ Control Y1

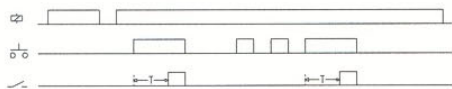
B Interval ON + time storage

Connection of power supply, the relay is switched ON and activates the time lap. Make of control Y1 stops the time lap. Break of control Y1, the time lap is continued. When time lap has elapsed, the relay is switched OF. Reset by disconnection of power supply.



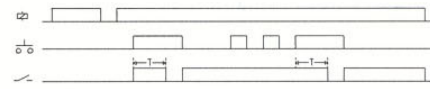
C Delay ON + time storage

Continuous power supply. Make of control Y1 activates the time lap. When time has elapsed the relay is switched ON. Break of control Y1, the relay is switched OFF. (make of Y1 for minimum the length of the time set)



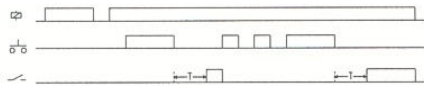
D Interval ON

Continuous power supply. Make of control Y1 activates the relay and time lap. When time has elapsed the relay is switched OFF. (make of Y1 for minimum the length of the time set).



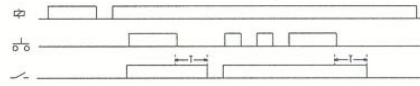
E Delay ON, by break of control

Continuous power supply. Break of control Y1 activates the time lap. When time has elapsed the relay is switched ON. Make of control Y1, the relay is switched OFF. (make of control Y1 for minimum time lap set, to activate the relay).



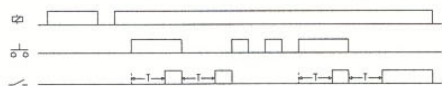
F Delay OFF, by break of control

Continuous power supply. Make of control Y1 activates the relay. Break of control Y1 activates the time lap. When time has elapsed the relay is switched OFF. (Break of control Y1, for minimum time lap set, to switch the relay OFF).



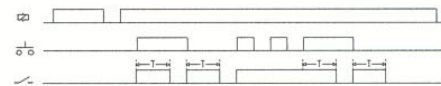
G Delay ON, by make & Break of control

Continuous power supply. Make or break of control Y1 activates the time lap. When time has elapsed the relay is switched ON. (Make / Break of control Y1, for minimum time lap set, to switch the relay ON).



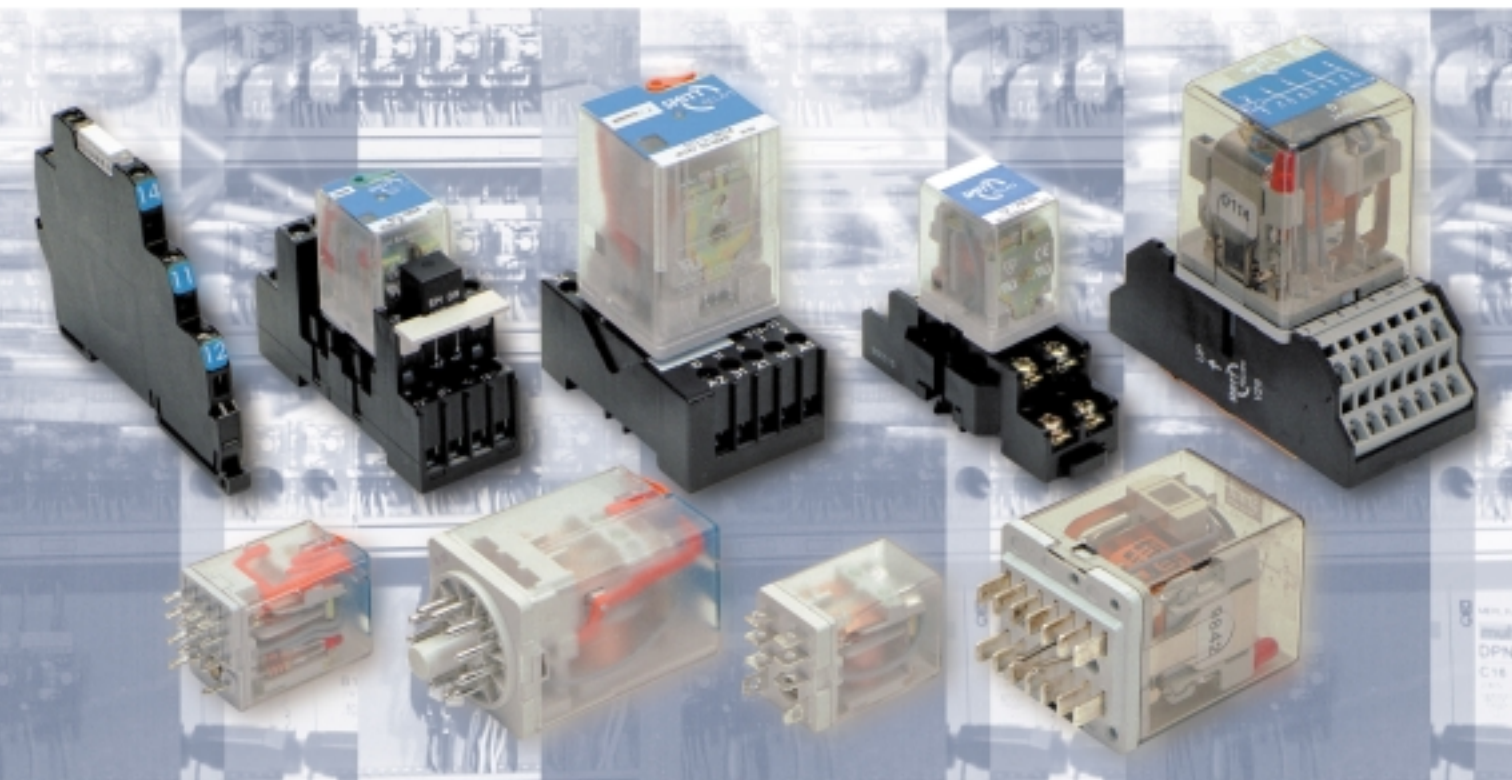
H Delay OFF, by make & Break of control

Continuous power supply. Make or break of control Y1 activates the relay and the time lap. When time has elapsed the relay is switched OFF. (Make / Break of control Y1, for minimum time lap set, to switch the relay OFF).



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- AC voltage/resistive load (AC1)



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- Other options available
- According to EN 60947, EN 60255

I-series : 1 pole 6A

M-series : 2 or 4 pole 5 A

G-series : 2 or 3 pole 10 A

L-series : 2 pole 10 A

D-series : 4 pole 10 A

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