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DIN TIMER RELAY OUTPUT

Syr-Line Series

BM1R16MV1
Syr-Line Timer BM1R Multifunction Relay 16A 12-240V ac/dc



- 17.5mm wide
- Time range 0.5 sec - 240 hrs
- Supply voltage 12-240V ac/dc
- 1 or 2 relay outputs

PRODUCT DESCRIPTION

Syr-line series timer relays are for DIN rail mount with screw terminal connections in a slimline 17.5mm wide housing.

The single relay ouput versions have a high power 16A rated changeover contact ideal for switching bigger loads. The dual relay output versions have 2 x 8A rated changeover contacts with the option to set one as timed or instantaneous.

Time range is adjustable (in sub ranges) from as little as 0.5 seconds to 240 hours (10 days) using a selector switch and potentiometer on the front face of the device.

All supply voltage requirements are covered by a wide range 12-240V ac/dc.

There are mono function versions available with A function (delay on make) and L function (asymetrical recyling).

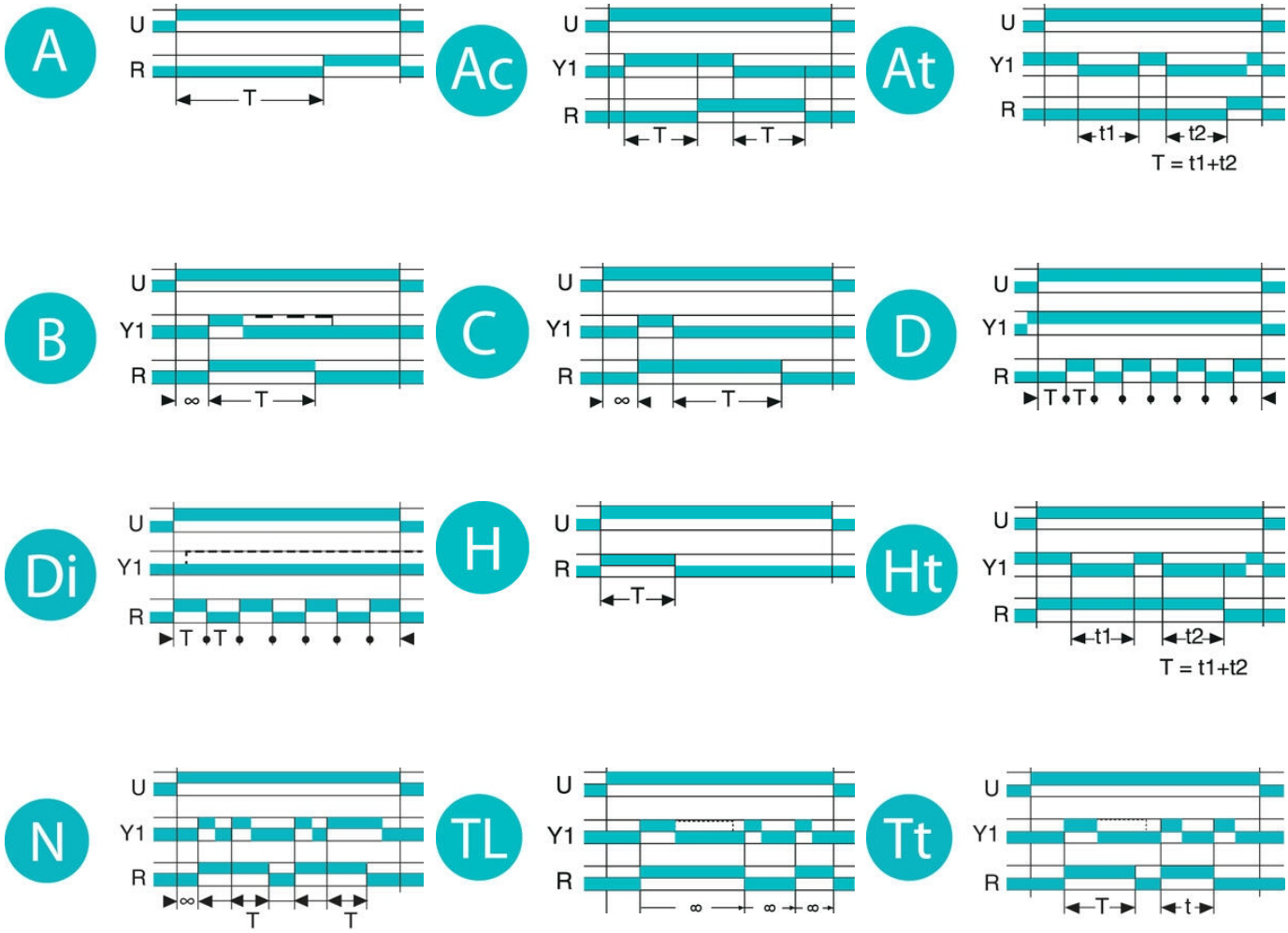
The multifunction versions have 12 of the most common functions plus 2 new function created for this range which are set by a selector switch on the front face of the device. The available timing functions are defined by a set of letter codes that is common across the whole Crouzet range.

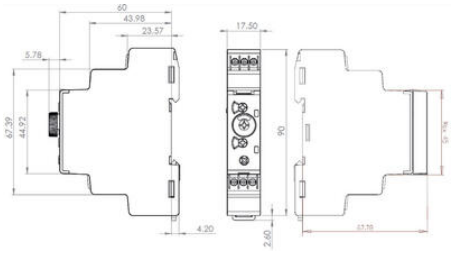
There are also 2 LED indicators that give a complete visualisation of the status of the timer and it's ouputs at all times.

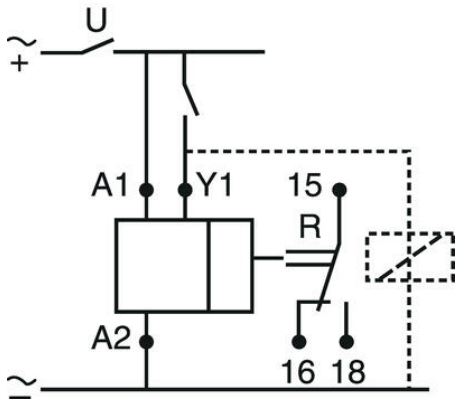
TECHNICAL DATA

Approvals	CCC, CE, REACH, RoHS, UL
Breaking capacity	4000 VA / 90W @25°C
Cable area without sleeve	1 x 0,5-3,3 mm², 2 x 0,5-1,5 mm²
Close delay	30 ms
Electrical lifetime	30 x 103 operations 16A 250V (resistive load)
Function	A, Ac, At, B, C, D, Di, H, Ht, N - Safe-guard, TL, Tt
IP class connection	IP20
IP class housing	IP40

Mechanical life expectancy	30 x 106 operations
Mounting	DIN rail
Multi-function	Yes
Output	Relay 1 pole C/O
Power consumption	1.5 W
Relay output	1 pole C/O
Repeatability	0.5 %
Response time off	120 ms
Storage temperature max	70 °C
Storage temperature min	-40 °C
Supply voltage	12-240V AC/DC
Switching current max	16 A
Temperature operational max	60 °C
Temperature operational min	-20 °C
Time range	0,5-10 s, 0,05-1 min, 0,5-10 min, 0,05-1 h, 0,5-10 h, 0,05-1 d, 0,5-10 d
Weight	70 g




60
43.98
23.57
17.50
5.78
67.39
44.92
90
4.20
2.60


U
A1
Y1
15
R
A2
16
18