CROUZET

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).

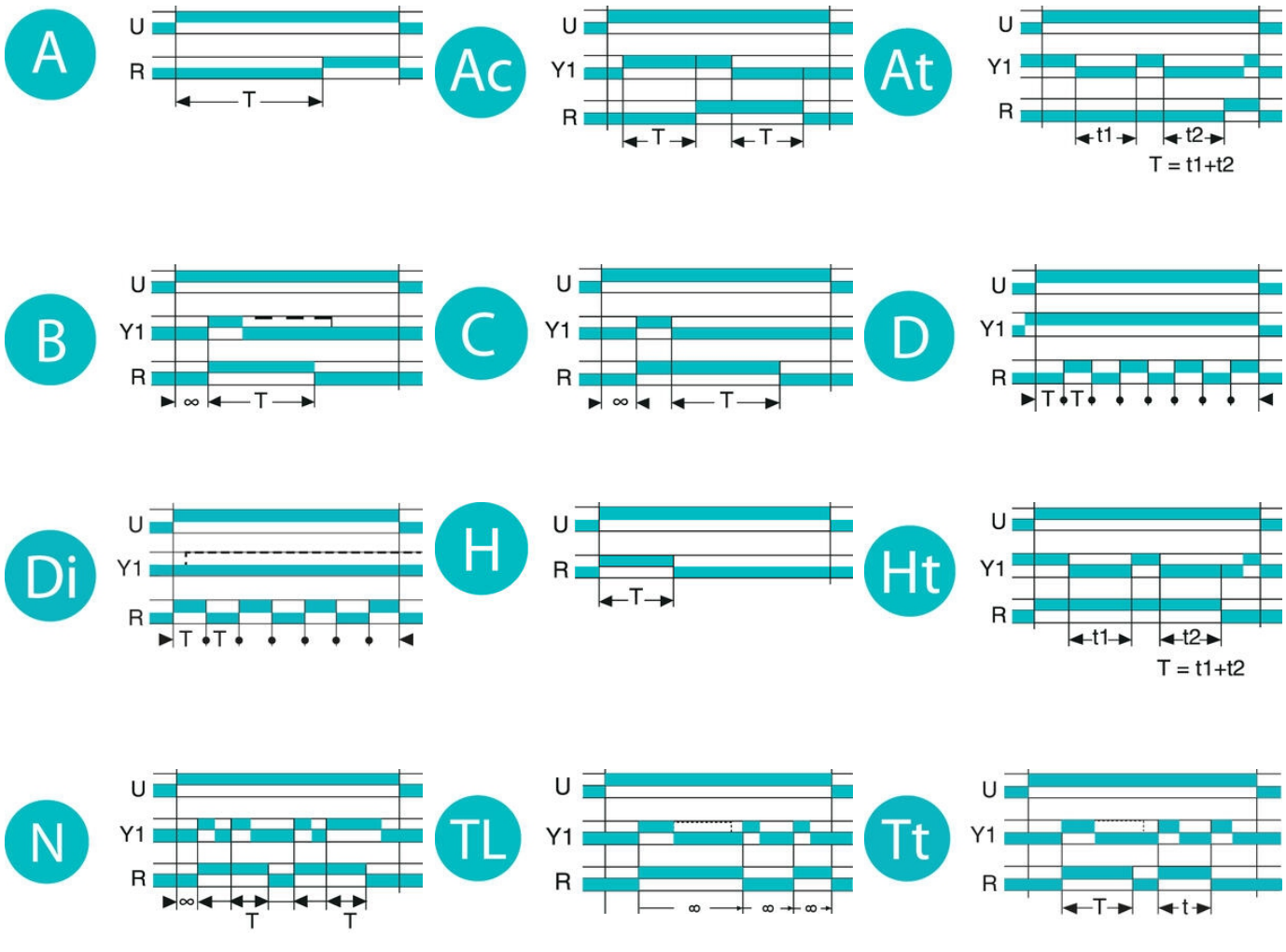
The multifunction versions have 12 of the most common functions plus 2 new function created for this range which are set by a selector switch on the front face of the device. The available timing functions are defined by a set of letter codes that is common across the whole Crouzet range.

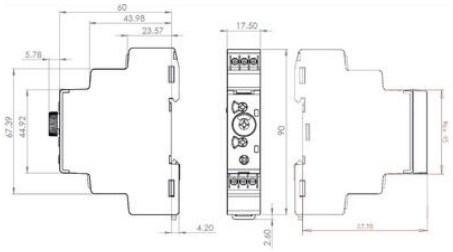
There are also 2 LED indicators that give a complete visualisation of the status of the timer and it's ouputs at all times.

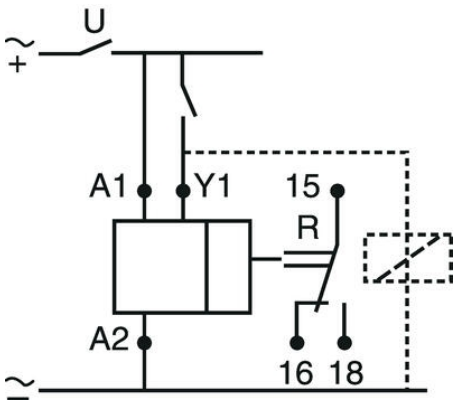
SPECIFICATIONS

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
Function	A - Delay on energisation, Ac - Timing after closing and opening of control contact, At - Timing on energisation with memory, B - Timing on impulse (one shot), C - Timing after impulse, D - Symmetrical flashing, Di - Symmetrical flashing, H - Timing on energisation - pulse output, Ht - Delay on energisation with memory, N - Safe-guard, TL - Impulse relay, Tt - Timed impulse relay
IP Class Connection	IP20
IP Class Housing	IP40

Mounting	DIN rail
Multifunction	Yes
Output	Relay 1 pole C/O
Power Consumption	1.5 W
Repeatability	0.5 %
Response Closing	30 ms
Response From Stroke	120 ms
Supply voltage	12-240V AC/DC
Switching Current Max	16 A
Temperature range bearing, from	-40 °C
Temperature range bearing, to	70 °C
Temperature range from	-20 °C
Temperature range to	60 °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