

## 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 (asymmetrical recycling).

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

<b>Approvals</b>	CCC, CE, REACH, RoHS, UL
<b>Breaking capacity</b>	4000 VA / 90W @25°C
<b>Cable area without sleeve</b>	1 x 0,5-3,3 mm <sup>2</sup> , 2 x 0,5-1,5 mm <sup>2</sup>
<b>Close delay</b>	30 ms
<b>Electrical lifetime</b>	30 x 103 operations 16A 250V (resistive load)
<b>Function</b>	A, Ac, At, B, C, D, Di, H, Ht, N - Safe-guard, TL, Tt
<b>IP class connection</b>	IP20
<b>IP class housing</b>	IP40
<b>Mechanical life expectancy</b>	30 x 106 operations
<b>Mounting</b>	DIN rail
<b>Multi-function</b>	Yes
<b>Output</b>	Relay 1 pole C/O

<b>Power consumption</b>	1.5 W
<b>Relay output</b>	1 pole C/O
<b>Repeatability</b>	0.5 %
<b>Response time off</b>	120 ms
<b>Storage temperature max</b>	70 °C
<b>Storage temperature min</b>	-40 °C
<b>Supply voltage</b>	12-240V AC/DC
<b>Switching current max</b>	16 A
<b>Temperature operational max</b>	60 °C
<b>Temperature operational min</b>	-20 °C
<b>Time range</b>	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
<b>Weight</b>	70 g



