

## 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 output 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 its outputs 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 10 <sup>3</sup> 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

IP class housing	IP40
Mechanical life expectancy	30 x 10 <sup>6</sup> operations
Mounting	DIN rail
Mounting	TS35 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



