

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.

SPECIFICATIONS

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| Approvals | CCC, CE, REACH, RoHS, UL |
| Breaking capacity | 4000 VA / 90W @25°C |
| Cable Area Without Sleeve | 1 x 0,5-3,3 mm ² , 2 x 0,5-1,5 mm ² |
| 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 |

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| 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 |



