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DIN TIMER SINGLE RELAY OUTPUT

Chronos 2 Series

88827125
Timer MBR1 Single Shot Relay 24V dc / 24-240V ac



- 17.5mm wide
- Time range 0.1 sec – 100 hrs
- Wide range supply voltage
- 1 x changeover relay output

PRODUCT DESCRIPTION

Chronos 2 series timer relays for DIN rail mounting with screw terminal connections and these versions have 1 x relay outputs with 8A rated changeover contacts in a 17.5mm wide housing.

Time range is adjustable (in sub ranges) from 0.1 sec to 100 hours using a selector switch and potentiometer on the front face of the device.

The most common supply voltage requirements are covered by the standard units but there are also special versions that offer additional supply voltage options if required.

Some units are single function and some are multi function with the required timing function 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.

TECHNICAL DATA

FUNCTION

Function	B
Time range	0,1-1s, 1-10s, 6-60s, 1-10min, 6-60min, 1-10h, 10-100h
Close delay	30 ms
Response time off	120 ms
Repeatability	0.5 %
Multi-function	No
Output	Relay 1 pole C/O

ELECTRICAL DATA

Power consumption	0.6 W
Relay output	1 pole C/O

Breaking capacity	2000 VA / 80W
Switching current max	8 A
Electrical lifetime	105 operations 8A 250V (resistive load)
Mechanical life expectancy	10 x 10^6 operations
Cable area with sleeve	2 x 1,5 mm²
Cable area without sleeve	2 x 2,5 mm²
Supply voltage	24V DC / 24-240V AC

OTHER TECHNICAL DATA

Mounting	DIN rail
IP class connection	IP20
IP class front	IP50
Temperature operational min	-20 °C
Temperature operational max	60 °C
Storage temperature min	-30 °C
Storage temperature max	60 °C
Approvals	CE, Lloyd´s, RoHS, UL











