

Rottweil, 20.03.2023

Flasher M3 24 V (1.007.29x.xx)

The flasher unit start/stop M3 is used for signal and warning light applications.

The flasher can be used in various vehicle types.

The supply voltage is connected to terminal 30/87z. When an input voltage is applied to terminal 15 the flasher unit starts immediately, generating 90 +/-30 pulses per minute. The flasher output can switch loads up to 20 A. Higher loads may be switched with a second downstream power relay. The inverted input voltage is present on terminal 87a.

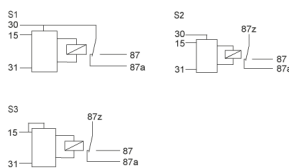
Please refer to the chapter housing and base plates for additional housing options.

Product images

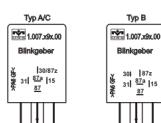
1. Flasher M3 24 V



2. Connection Diagram



3. Design





MRS Electronic GmbH & Co. KG
Klaus-Gutsch-Str. 7
78628 Rottweil
info@mrs-electronic.com
Tel.: +49 741 2807-0
www.mrs-electronic.com

General Data

| Name | Value |
|----------------------|-----------------|
| Dimensions | 30 × 30 × 40 mm |
| Housing material | Plastic |
| Type-approval number | 03 5388 |
| Type-approval | e1 - 72/245/EWG |
| Number of pins | 5 |
| In-/Outputs (total) | 1 |
| Operating voltage | 24 V |

Technical Data

| Name | Value |
|------------------------------|---------------------------|
| Number of pins | 5 |
| In-/Outputs (total) | 1 |
| Outputs (total) | 1 |
| Relay outputs | 1 |
| Processor family | Texas Instruments MSP 430 |
| Processor | 16 bit |
| Blink frequency | 90 1/min |
| Temperature range | -40 to 85 °C |
| Protection class | IP53 |
| Operating voltage | 24 V |
| Lifetime | 100.000 |
| Programming system | MRS Realizer |
| Flashing frequency tolerance | +/- 30 Impulse per min. |

Order options

| Name | Type | Connection diagram | Order no. |
|-----------------|------|--------------------|--------------|
| Flasher M3 24 V | A | S1 | 1.007.291.00 |
| Flasher M3 24 V | B | S2 | 1.007.292.00 |
| Flasher M3 24 V | C | S3 | 1.007.293.00 |



MRS Electronic GmbH & Co. KG
Klaus-Gutsch-Str. 7
78628 Rottweil
info@mrs-electronic.com
Tel.: +49 741 2807-0
www.mrs-electronic.com

Accessories

| Required accessories | Article number |
|---|----------------|
| Software programming tool MRS Realizer | 1.100.000.01 |
| Socket ST FL 9-pin 5 x 6.3 / 4 x 2.8 | 1.017.002.00 |
| Socket package watertight 40 mm | 1.017.010.40 |
| FASTON terminal for latching 2.8 mm 0.5 – 1.0 mm ² | 105292 |
| FASTON terminal for latching 6.3 mm 1 mm ² | 102355 |
| FASTON terminal for latching 6.3 mm 1.5 – 2.5 mm ² | 103064 |