



Rottweil, 17.09.2021

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.

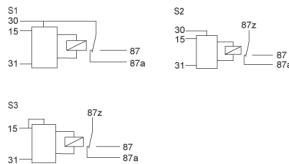
Please refer to the chapter housing and base plates for additional housing options.

Product images

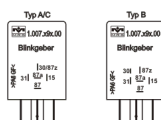
1. Flasher M3 24 V



2. Connection Diagram



3. Design





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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



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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