



Rottweil, 17.09.2021

Pulse Relay M3 24 V (1.002.29x.xxE)

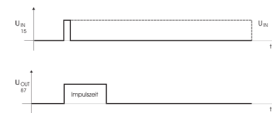
Pulse relay M3 are used when loads are to be switched on or off for a defined time. Please specify the desired impulse time when ordering.

Product images

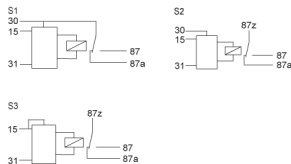
1. Pulse Relay M3 24 V



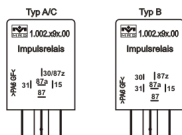
4. Function Diagram



2. Connection Diagram



3. Design Pulse





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
Weight	34 g
Dimensions	30 × 30 × 40 mm
Housing material	Plastic
Type-approval number	05 7282
Type-approval	E1 - ECE R10
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
Temperature range	-40 to 85 °C
Protection class	IP 53
Operating voltage	24 V
Current consumption	250 µA
Max. output current (87, 87a)	30 A
Quiescent current (24V)	1 mA
Pulse duration	By customer request
Programming system	MRS Realizer

Order options

Name	Type	Model	Connection diagram	Order no.
Pulse Relay M3 24 V	A	Individual pulse time (see below)	S1	1.002.291.xxE
Pulse Relay M3 24 V	B	Individual pulse time (see below)	S2	1.002.292.xxE



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Name	Type	Model	Connection diagram	Order no.
Pulse Relay M3 24 V	C	Individual pulse time (see below)	S3	1.002.293.xxE

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