

Rottweil, 01.02.2023

Solid State Relay H 5 A (1.018.360.00E)

This solid state relay is suitable for switching lamp loads, ohmic and inductive loads. They switch silent and are absolutely wear-free.

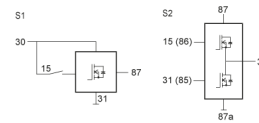
They are compatible with conventional ISO mini-relays in terms of size and connector design. Solid state relays are short-circuit-proof, overload-proof and over-temperature protected. They switch off faster at short circuit than a fuse and have a low idle current requirement of approx. 50 mA. There is a semi-conductor relay with positive or negative control.

Product images

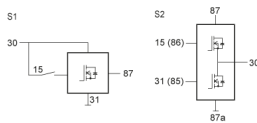
1. Solid State Relay H 5 A



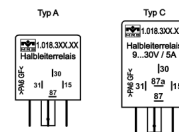
4. Connection Diagram



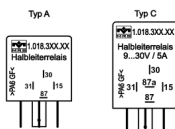
2. Connection Diagram



5. Design



3. Design





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General Data

Name	Value
Weight	35 g
Dimensions	30 × 30 × 30 mm
Housing material	Plastic
Type-approval number	03 6819
Type-approval	E1 ECE R10
Number of pins	4
Operating voltage	9-30 V

Technical Data

Name	Value
Number of pins	4
Processor	8 bit
Temperature range	-40 to 85 °C
Protection class	IP53
Operating voltage	9-30 V
Maximum continuous current	4 A
rated current	5 A
Max. switching current (1sec)	15 A
Quiescent current	500 µA

Order options

Name	Type	Model	Connection diagram	Order no.
Solid state relay 9-30 V 5 A	C	Half bridge	S2	1.018.360.00E

Accessories

Required accessories	Article number
Socket ST FL 9-pin 5 x 6.3 / 4 x 2.8	1.017.002.00
FASTON terminal for latching 2.8 mm 0.5 – 1.0 mm ²	105292



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Required accessories	Article number
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
Housing bracket	1.017.080.00