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Rottweil, 18.07.2021

Solid State Relay S 4 A (1.018.300.00E)

Solid state relays are suitable for switching lamp loads, ohmic and inductive loads. They switch silent and are absolutely wear-free.

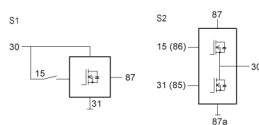
They are compatible with conventional ISO mini-relays in terms of size and connector design. Solid state relays are short-circuit-proof, overload-proof and over-temperature protected. They switch off faster at short circuit than a fuse and have a low idle current requirement of approx. 50 mA. There is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

Product images

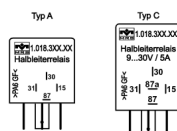
1. Solid State Relay S 4 A



2. Connection Diagram



3. Design





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General data

Name	Value
Dimensions	30 × 30 × 30 mm
Housing material	Plastics
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
Temperature range	-40 to 85 °C
Protection class	IP53
Operating voltage	9-30 V
Max. continuous current	4 A
Quiescent current (KI.30)	max. 100 µA
Lifespan	>20.000.000 operations

Order options

Name	Type	Model	Connection diagram	Order no.
Solid state relay S 9-30 V 4 A	A	Normally open contact	S1	1.018.300.00E

Accessories

Required accessories	Article number
Socket ST FL 9-pin 5 x 6.3 / 4 x 2.8	1.017.002.00
Tab receptacle for latching 2,8 mm 0,5 – 1,0 mm ²	105292
Tab receptacle for latching 6,3 mm 1,0 mm ²	102355
Tab receptacle for latching 6,3 mm 1,5 – 2,5 mm ²	103064
Housing bracket	1.017.080.00