

Data sheet | Item number: 857-181

Basic solid-state relay; Nominal input voltage: 24 VDC; Output voltage range:
0 ... 24 VDC



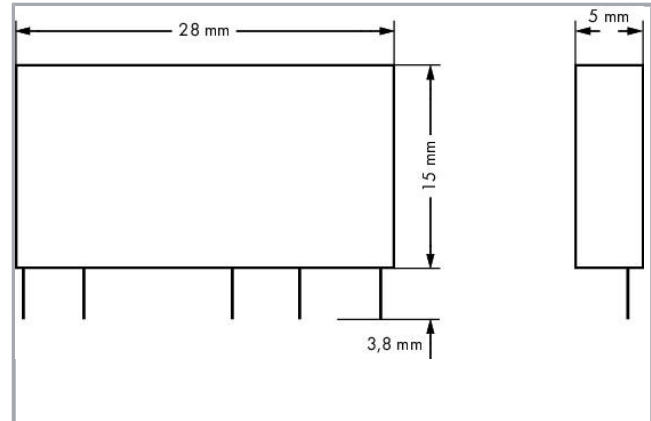
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Similar to pictured
device

RoHS
Compliant

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Item description

Note:

Optocouplers and solid state relays are designed for use in signal processing networks, which are not supplied by the low-voltage power supply networks.

Data

Technical Data

Control circuit

Nominal input voltage U_N	DC 24 V (SELV)
Input voltage range (low level)	DC 0 ... 4 V
Input voltage range (high level)	DC 16.8 ... 30 V

Subject to changes. Please also observe the further product documentation!

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Nominal input current at U_N	7 mA
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Load circuit:

Circuit type	2-conductor termination
Limiting continuous current	8 A
Nominal output voltage	DC 24 V (SELV)
Output voltage range	DC 1 ... 30 V
Max. voltage drop at output	\leq DC 0.8 V
Leakage current at nominal voltage	\leq 1 μ A
Min. switching current	10 mA
Turn-on time	\leq 60 μ s
Drop-out time	\leq 250 μ s
Switching frequency	\leq 500 Hz

Safety and protection:

Dielectric strength, control/load circuit (AC, 1 min)	3.51 kVrms
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Geometrical Data

Width	5 mm / 0.197 inch
Height from the surface	15 mm / 0.591 inch
Depth	28 mm / 1.102 inch

Mechanical data

Type of mounting	Pluggable module
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Material Data

Weight	3.6 g
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Environmental Requirements

Surrounding air (operating) temperature at U_N	-30 ... 80 °C
Surrounding air (storage) temperature	-40 ... 100 °C

Commercial data


Packaging type	BOX
Country of origin	DE

Subject to changes. Please also observe the further product documentation!

GTIN	4055143724319
Customs Tariff No.	85365005000

Approvals / Certificates

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	UL 508	E340707

Counterpart

Compatible products

General accessories



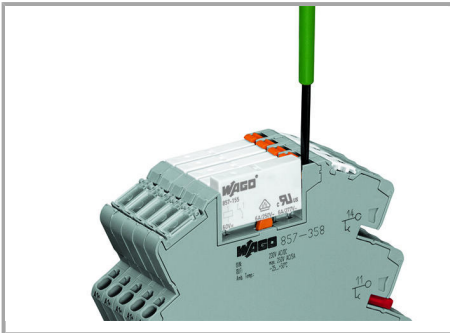
Item no.: 857-104

Relay socket; Nominal input voltage: 24 V AC/DC; for 5 mm basic relays; Yellow status indicator

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Installation Notes

Assembly



Operation of the relay ejector

Subject to changes. Please also observe the further product documentation!