

Data sheet | Item number: 857-181

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



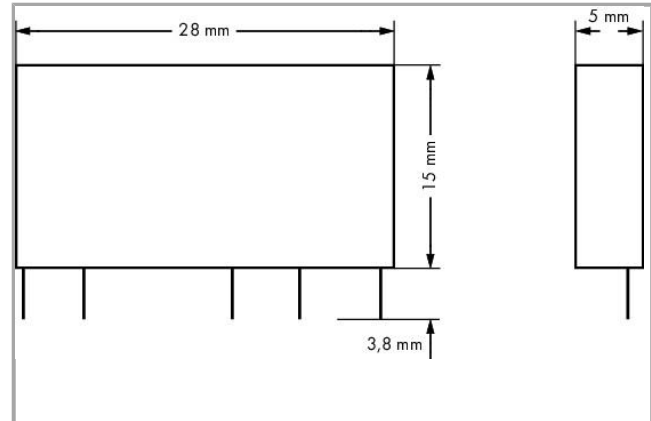
www.wago.com/857-181



Similar to pictured
device

RoHS
Compliant

BOMcheck.net



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
Nominal input current at U_N	7 mA

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	≤ 60 μs
Drop-out time	≤ 250 μs
Switching frequency	≤ 500 Hz

Safety and protection:

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

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
------------------	------------------

Material Data

Weight	3.6 g
--------	-------

Environmental Requirements


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

Commercial data

Country of origin	DE
GTIN	4055143724319
Customs Tariff No.	85365005000

Approvals / Certificates

UL-Approvals

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

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

www.wago.com/857-104

Subject to changes.

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.