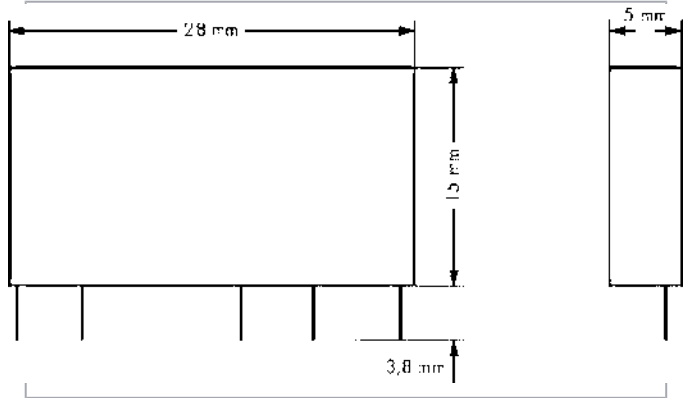
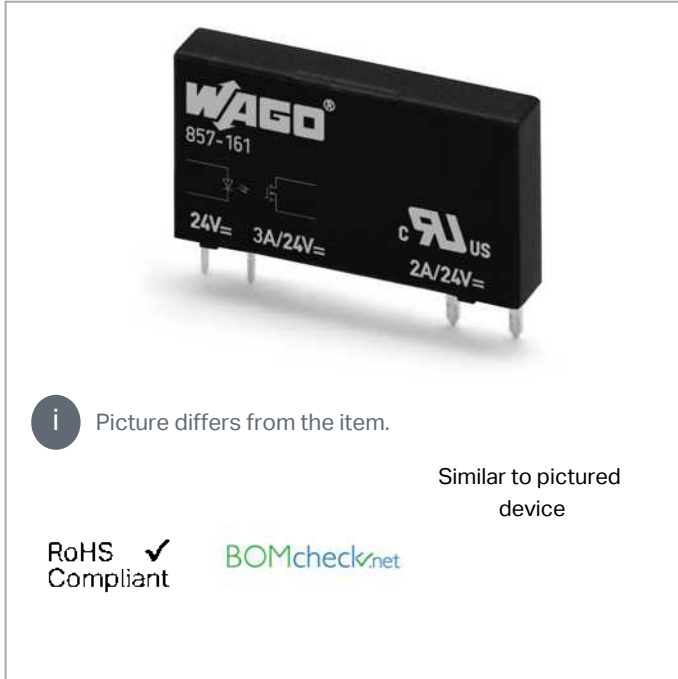


Data sheet | Item number: 857-181

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



www.wago.com/857-181



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
Nominal input current at U_N	7 mA

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

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?
We are always happy to take your call at {0}.



Load circuit

Circuit type	2-wire connection
Limiting continuous current	8 A
Nominal output voltage	DC 24 V (SELV)
Output voltage range	DC 1 ... 30 V
Voltage drop at output (max.)	≤ DC 0.8 V
Leakage current at rated voltage	≤ 1 µA
Switching current (min.)	10 mA
Turn-on time	≤ 60 µs
Turn-off time	≤ 250 µs
Switching frequency	≤ 500 Hz

Safety and protection

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

Physical data

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

Mechanical data

Mounting type	Pluggable module
---------------	------------------

Material Data

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

Environmental Requirements

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

Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4055143724319
Customs tariff number	85365005000


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

WAGO Corporation
 Germantown, WI 53022
 Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
 Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?
 We are always happy to take your call at {0}.

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

www.wago.com/857-104

Installation Notes

Installation



Operation of the relay ejector

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