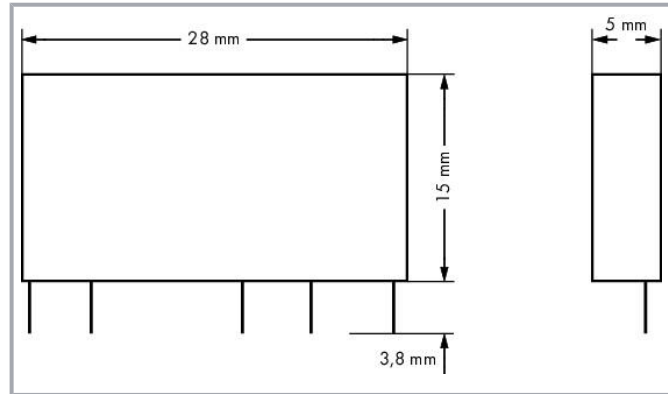


Data sheet | Item number: 857-167

Basic solid-state relay; Nominal input voltage: 24 VDC; Output voltage range: 24 ... 240 VAC; Limiting continuous current: 2 A



www.wago.com/857-167



Similar to picture

Data

Notes

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.

Technical data

Control Circuit

Nominal input voltage U_N	DC 24 V
Input voltage range (low level)	DC 0 ... 10 V
Input voltage range (high level)	DC 20 ... 28.8 V
Nominal input current at U_N	7 mA

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

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

Load circuit

Circuit type	2-wire connection Zero-voltage switching
Limiting continuous current	2 A
Nominal output voltage	AC 230 V
Output voltage range	AC 24 ... 240 V
Voltage drop at output (max.)	≤ AC 1.6 V
Leakage current at rated voltage	≤ 1.5 mA
Switching current (min.)	22 mA
Turn-on time	≤ 10 ms
Turn-off time	≤ 10 ms
Switching frequency	50 Hz / 60 Hz

Safety and protection

Dielectric strength (control/load circuit) (AC, 1 min)	3.75 kVrms
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Physical data

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

Mechanical data

Mounting type	Pluggable module
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Material Data

Weight	3.5 g
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Environmental requirements

Ambient temperature (operation at U_N)	-30 ... +80 °C
Ambient temperature (storage)	-40 ... +100 °C
Relative humidity	5 ... 95 % (no condensation permissible)
Operating altitude (max.)	2000 m

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
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Subject to changes. Please also observe the further product documentation!


eCl@ss 10.0	27-26-15-03
eCl@ss 9.0	27-26-15-03
ETIM 8.0	EC001504
ETIM 7.0	EC001504
PU (SPU)	20 pcs
Packaging type	Box
Country of origin	IT
GTIN	4045454997656
Customs tariff number	85365005000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

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

Optional accessories

Sockets

Socket without relay		
	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

Downloads

Documentation

Bid Text

Item	Date	File Type	Size	Action
857-167 X81 - Datei	2019 Feb 19	xml	3.5 kB	Download
857-167	2018 Nov 29	doc	26.6 kB	Download

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

doc - Datei

Additional Information

Disposal and Recycling	V 1.1.0	pdf	Download
Electrical and electronic equipment, Batteries, Packaging	2022 Aug 18	2.2 MB	

CAD/CAE-Data

CAE data

EPLAN Data Portal 857-167	URL	Download
WSCAD Universe 857-167	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 857-167	URL	Download
Basic solid-state relay; Nominal input voltage: 24 VDC; Output voltage range: 24 ... 240 VAC; Limiting continuous current: 2 A		

Installation Notes

Installation



Removing a relay via ejector.

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