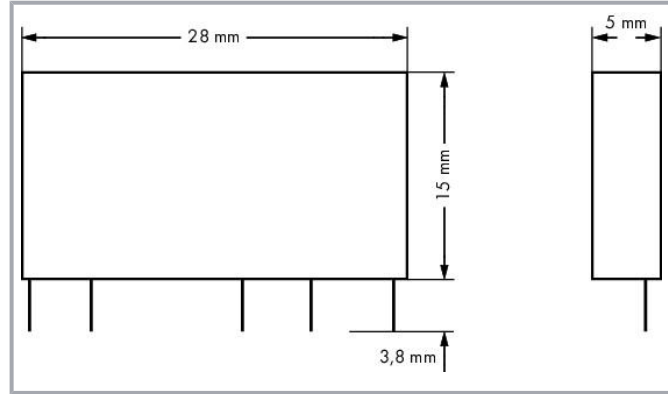


Data sheet | Item number: 857-162

Basic solid-state relay; Nominal input voltage: 60 VDC; Output voltage range: 0 ... 24 VDC; Limiting continuous current: 3 A



www.wago.com/857-162



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 60 V
Input voltage range (low level)	DC 0 ... 10 V
Input voltage range (high level)	DC 35 ... 72 V
Nominal input current at U_N	3 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
Limiting continuous current	3 A
Inrush current (resistive) (max.)	(AC) 15 A / 0.01 s
Nominal output voltage	DC 24 V
Output voltage range	DC 0 ... 30 V
Voltage drop at output (max.)	≤ DC 0.12 V
Leakage current at rated voltage	≤ 1 µA
Switching current (min.)	50 µA
Turn-on time	≤ 100 µs
Turn-off time	≤ 600 µs
Switching frequency	≤ 350 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 inch
Height from the surface	15 mm / 0.591 inch
Depth	28 mm / 1.102 inch

Mechanical data

Mounting type	Pluggable module
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Material data

Weight	5 g
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Environmental requirements

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

Commercial data

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



PU (SPU)	20 Each
Packaging type	box
Country of origin	DE
GTIN	4045454997625
Customs tariff number	85365005000

Approvals / Certificates

UL-Approvals

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

Downloads

Documentation

Bid Text

857-162 X81 - Datei	2019. 2. 19.	xml 3.5 kB	Download
857-162 doc - Datei	2018. 11. 29.	doc 26.6 kB	Download

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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CAD/CAE-Data

CAE data

EPLAN Data Portal 857-162	URL	Download
WSCAD Universe 857-162	URL	Download

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 857-162

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Basic solid-state relay; Nominal input voltage: 60 VDC; Output voltage range: 0 ... 24 VDC; Limiting continuous current: 3 A

Installation Notes

Installation



Removing a relay via ejector.

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