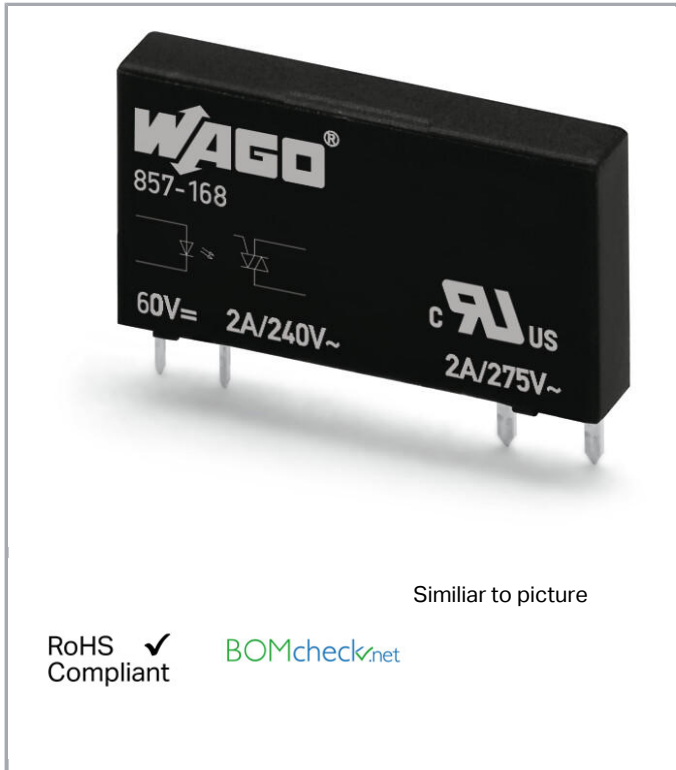


Data sheet | Item number: 857-168

Basic solid-state relay; Nominal input voltage: 60 VDC; Output voltage range: 24 ... 240 VAC; Limiting continuous current: 2 A



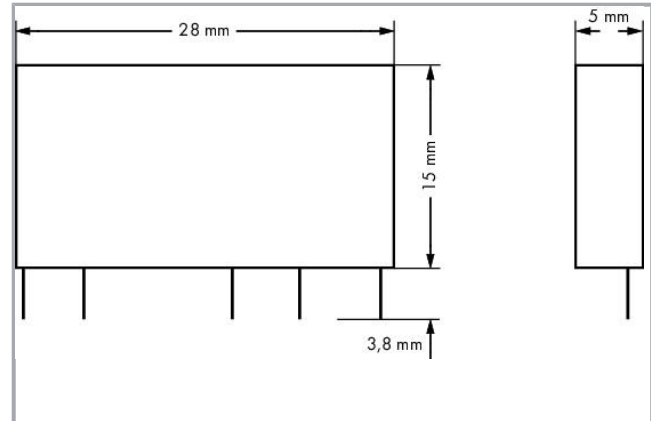
www.wago.com/857-168



Similar to picture

RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)



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 60 V
Input voltage range (low level)	DC 0 ... 10 V
Input voltage range (high level)	DC 35 ... 72 V
	3.1 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.

Nominal input current at U_N **Load circuit:**

Circuit type	2-conductor termination Zero-voltage switching
Limiting continuous current	2 A
Nominal output voltage	AC 230 V
Output voltage range	AC 24 ... 240 V
Max. voltage drop at output	\leq AC 1.6 V
Leakage current at nominal voltage	\leq 1.5 mA
Min. switching current	22 mA
Turn-on time	\leq 10 ms
Drop-out time	\leq 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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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


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

Packaging type	BOX
Country of origin	DE
GTIN	4045454997649
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.: 857-107 Relay socket; Nominal input voltage: 110 V AC/DC; for 5 mm basic relays; Yellow status indicator	www.wago.com/857-107
	Item no.: 857-108 Relay socket; Nominal input voltage: 230 V AC/DC; for 5 mm basic relays; Yellow status indicator	www.wago.com/857-108

Downloads

Documentation

Additional Information

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

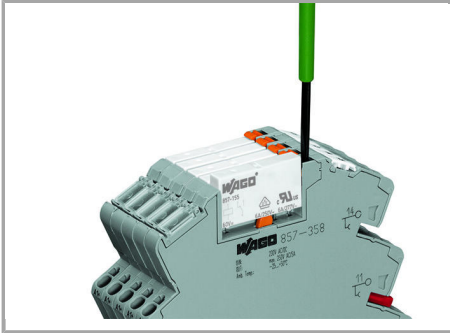
CAE data

EPLAN Data Portal 857-168	URL	Download
WSCAD Universe 857-168	URL	Download

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

Installation Notes

Assembly



Operation of the relay ejector

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