

## 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



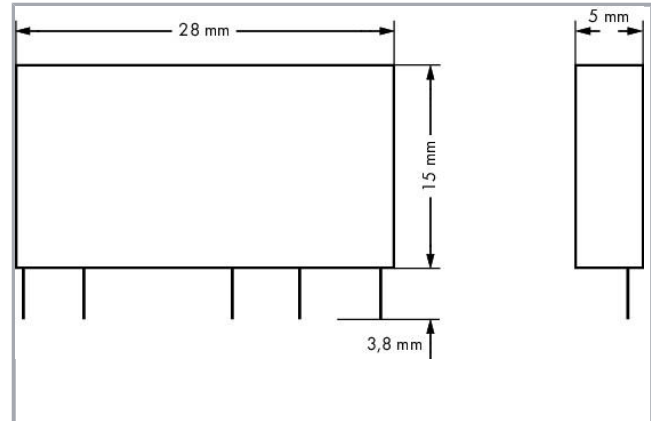
[www.wago.com/857-162](http://www.wago.com/857-162)



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### 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

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

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Nominal input current at $U_N$	3 mA
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### 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.)	$\leq$ DC 0,12 V
Leakage current at rated voltage	$\leq$ 1 $\mu$ A
Switching current (min.)	50 $\mu$ A
Turn-on time	$\leq$ 100 $\mu$ s
Turn-off time	$\leq$ 600 $\mu$ s
Switching frequency	$\leq$ 350 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

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


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

## Commercial data

Product Group	6 (Interface Electronics)
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

## Counterpart

## Compatible products

### General accessories

	<b>Item no.: 857-107</b> Relay socket; Nominal input voltage: 110 V AC/DC; for 5 mm basic relays; Yellow status indicator	<a href="http://www.wago.com/857-107">www.wago.com/857-107</a>
	<b>Item no.: 857-108</b> Relay socket; Nominal input voltage: 230 V AC/DC; for 5 mm basic relays; Yellow status indicator	<a href="http://www.wago.com/857-108">www.wago.com/857-108</a>

## Downloads

### Documentation

#### Bid Text

857-162 GAEB X81 - Datei	Feb 19, 2019	xml 3.5 kB	Download
857-162 doc - Datei	Nov 29, 2018	doc 26.6 kB	Download

### Additional Information

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## CAD/CAE-Data

### CAE data

EPLAN Data Portal 857-162

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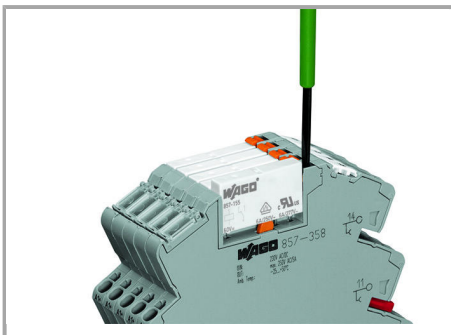
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## Handling Instructions

### Installation



Operation of the relay ejector

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