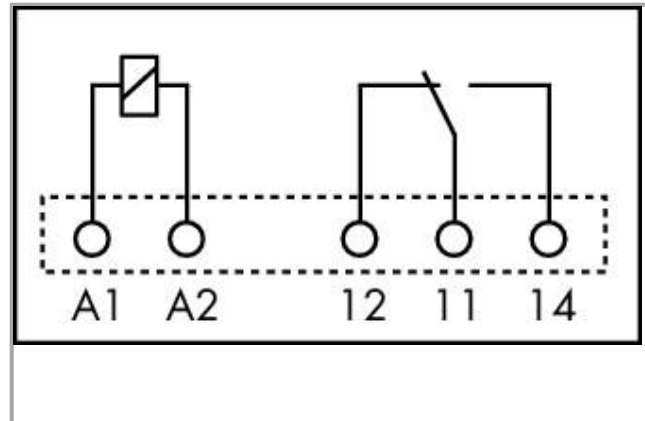


Data sheet | Item number: 857-152

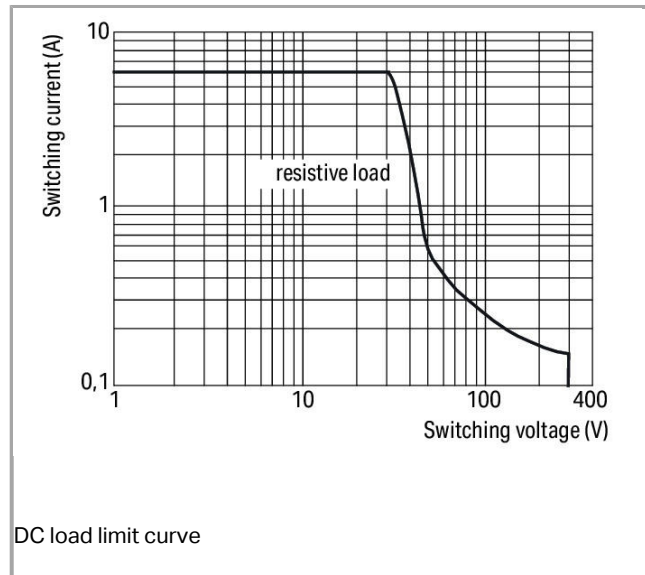
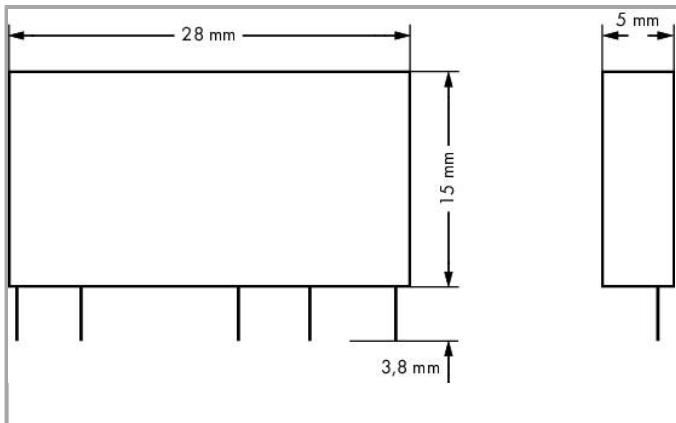
Basic relay; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 6 A; Module width: 5 mm; Module height: 15 mm



857-152



RoHS  Compliant [BOMcheck.net](https://www.bomcheck.net) Similar to picture



Item description

Note:

- The 60 VDC basic relay must be used for 60 VDC, 110 VDC, 220 VDC and 115 VAC/DC, 230 VAC/DC relay modules.
- Inductive loads have to be attenuated by an appropriate protective circuit in order to protect relay coils and contacts.
- In the case of gold-plated basic relays switching voltages of 30 VDC and currents of 50 mA should not be exceeded. Higher switching power eventually evaporates the gold layer. The resulting deposits in the housing may reduce the service life.

## Data

### Technical Data

#### Control circuit

Nominal input voltage $U_N$	DC 24 V
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#### Load circuit:

Number of changeover/switchover contacts	1
Contact material (relay)	AgSnO <sub>2</sub>
Limiting continuous current	6 A
Max. make current (resistive)	(AC) 20 A / 0.02 s
Max. switching voltage	AC 250 V
Max. switching power (resistive)	AC 1,500 VA; DC see load limit curve
Switching capacity	AC-15: 3 A / AC 250 V; DC-13: 2 A / DC 24 V
Recommended minimum load	10 V / 10 mA; 24 V / 1 mA
Pull-in time (typ.)	15 ms
Drop-out time (typ.)	25 ms
Bounce time (typ.)	3.5 ms
Electrical life (N.O.; resistive load; 23 °C)	50 x 10 <sup>3</sup> switching operations
Mechanical life (N.O.; resistive load; 23 °C)	5 x 10 <sup>6</sup> switching operations
Max. switching load with load/without load	6 min <sup>-1</sup> / 180 min <sup>-1</sup>

#### Safety and protection:

Dielectric strength, control/load circuit (AC, 1 min)	4 kVrms
Dielectric strength open contact (AC, 1 min)	1 kVrms
Protection class	IP20

#### Geometrical Data

Width	5 mm / 0.197 inch
Height from the surface	15 mm / 0.591 inch
Depth	28 mm / 1.09 inch

## Mechanical data

Type of mounting	Pluggable module
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## Material Data

Weight	6.465 g
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## Environmental Requirements

Surrounding air (operating) temperature at U <sub>N</sub>	-40 ... 85 °C
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Surrounding air (storage) temperature	-40 ... 85 °C
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## Standards and specifications

Standards/specifications	EN 61810-1, EN 61373; VDE, UR
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## Commercial data

Product Group	6 (Interface Electronics)
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Country of origin	DE
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GTIN	4045454550998
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Customs Tariff No.	85364900990
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## Approvals / Certificates

### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	VDE VDE Prüf- und Zertifizierungsinstitut	-	40031045
	VDE VDE Prüf- und Zertifizierungsinstitut	-	40031045

### UL-Approvals

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

## 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

857-104

## Downloads

## Documentation

## Bid Text

857-152 Zubehör Serie 857	Mar 9, 2016	doc 22.5 kB	Download
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## Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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## Device Files

## Device Driver

WAGO Device DTM / Serie 857	1.02.0007 Feb 2, 2012	zip 4.6 MB	Download
WAGO USB Service Cable Driver / 750 and 857 Series 759-923	6.5.3.0 Sep 10, 2014	zip 4.8 MB	Download
WAGO Service Interface DTM / 767 and 857 Series (for communication with 857 + 767 Series)	3.2.2.26 Jun 21, 2013	exe 1.5 MB	Download

Subject to changes.