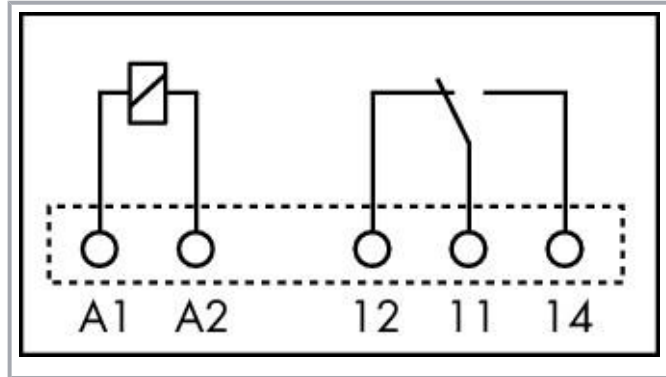


Data sheet | Item number: 857-157

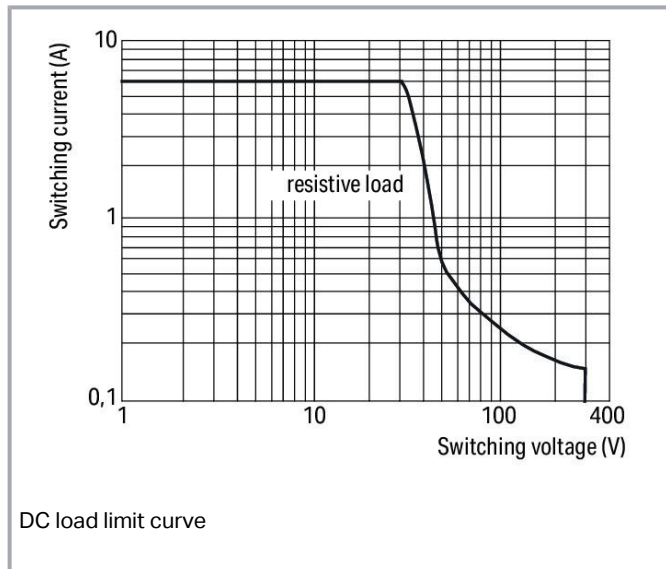
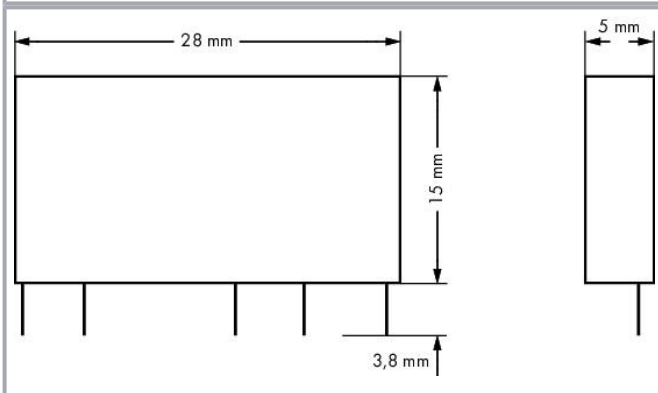
Basic relay; Nominal input voltage: 60 VDC; 1 changeover contact; Limiting continuous current: 6 A; with gold contacts; Module width: 5 mm; Module height: 15 mm



[www.wago.com/857-157](http://www.wago.com/857-157)



Similar to picture



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

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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## Data Notes

### 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.
- To protect the relay coils and contacts, inductive loads must be dampened with an effective protection circuit.
- 30 VDC switching voltages and 50 mA currents must not be exceeded for gold-plated basic relays. Higher switching power eventually evaporates the gold layer. The resulting deposits in the housing may reduce service life.

## Technical data

### Control circuit

Nominal input voltage $U_N$	DC 60 V
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### Load circuit

Number of changeover/switchover contacts	1
Contact material (relay)	AgNi + Au
Limiting continuous current	6 A
Inrush current (resistive) (max.)	(AC) 20 A / 0.02 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) (max.)	AC 1500 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	1 V / 1 mA / 1 mW
Pull-in time (typ.)	8 ms
Drop-out time (typ.)	4 ms
Bounce time (typ.)	3.5 ms
Electrical life (NO; resistive load; 23 °C)	$50 \times 10^3$ switching operations
Mechanical life	$5 \times 10^6$ switching operations
Switching frequency with/without load (max.)	$6 \text{ min}^{-1}$ / $180 \text{ min}^{-1}$

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## Safety and protection

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

## Physical data

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

## Mechanical data

Mounting type	Pluggable module
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## Material data

Fire load	0.072 MJ
Weight	4.7 g

## Environmental requirements

Surrounding air temperature (operation at $U_N$ )	-40 ... 85 °C
Surrounding air temperature (storage)	-40 ... 85 °C
Relative humidity	5 ... 85 % (no condensation permissible)
Operating altitude (max.)	2000 m

## Standards and specifications

Standards/Specifications	EN 61810-1 EN 61373 VDE UR
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## Commercial data


Product Group	6 (Interface Electronics)
PU (SPU)	20 Each
Packaging type	box
Country of origin	DE
GTIN	4045454551032

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Customs tariff number	85364900990
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## Approvals / Certificates

### UL-Approvals

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

## Downloads

### Documentation

#### Bid Text

857-157 X81 - Datei	2019. 2. 19.	xml 4.9 kB	Download
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857-157 doc - Datei	2018. 11. 29.	doc 28.2 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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## CAD/CAE-Data

### CAE data

EPLAN Data Portal 857-157	URL	Download
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WSCAD Universe 857-157	URL	Download
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ZUKEN Portal 857-157	URL	Download
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### CAD data

2D/3D Models 857-157	URL	Download
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 32423 Minden  
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 857-157

URL

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Basic relay; Nominal input voltage: 60 VDC; 1 changeover contact; Limiting continuous current: 6 A; with gold contacts; Module width: 5 mm; Module height: 15 mm

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## Installation Notes

### Installation



Removing a relay via ejector.

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