

Data sheet | Item number: 857-165

Basic solid-state relay; Nominal input voltage: 60 VDC; Output voltage range:
0 ... 48 VDC

www.wago.com/857-165



Similar to picture

RoHS Compliant

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

Data

Technical Data

Control circuit

| | |
|----------------------------------|----------------|
| Nominal input voltage U_N | 60 VDC |
| Input voltage range (high level) | 18.8... 30 VDC |
| Nominal input current at U_N | 2.8 mA |

Load circuit:

| | |
|-----------------------------|------------------------|
| Circuit type | Zero-voltage switching |
| Limiting continuous current | 0.1 A |
| Output voltage range | 0 ... 48 VDC |
| Max. voltage drop at output | ≤ 1 VDC |

Safety and protection:

| | |
|---|------------------------|
| Dielectric strength, control/load circuit (AC, 1 min) | 3.75 kV _{rms} |
|---|------------------------|

| | |
|---|------------------------|
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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 |
|------------------|------------------|

Material Data

| | |
|--------|-------|
| Weight | 3.4 g |
|--------|-------|

Environmental Requirements

| | |
|---|---------------|
| Surrounding air (operating) temperature at U _N | -20 ... 60 °C |
| Surrounding air (storage) temperature | -40 ... 70 °C |

Commercial data

| | |
|--------------------|---------------------------|
| Country of origin | IT |
| GTIN | 4045454997663 |
| Customs Tariff No. | 85365005000 |
| Product Group | 6 (Interface Electronics) |

Compatible products

General accessories



Item no.: 857-107
Socket without relay; AC/DC 120 V

www.wago.com/857-107



Item no.: 857-108
Socket without relay; 230 VAC/VDC

www.wago.com/857-108

Downloads

Documentation

Bid Text

| | | | |
|-------------------|--------------|---------|----------|
| 857-165 | Jan 28, 2016 | DOC | Download |
| Zubehör Serie 857 | | 26.1 kB | |

Additional Information



Disposal; Electrical and electronic equipment, Packaging

Oct 15, 2018

Download

265.8 kB

Device Files

Device Driver

| | | | |
|--|---------------------------|---------------|----------|
| WAGO Service Interface DTM / 767 and 857 Series (for communication with 857 + 767 Series) | 3.2.2.26 Jul 30, 2013 | EXE 1.5 MB | Download |
| WAGO 857 Series Device DTM | 1.02.0007 Feb 29, 2012 | ZIP 4.6 MB | Download |
| WAGO USB Service Cable Driver / 750 and 857 Series | 6.5.3.0 Sep 10, 2014 | ZIP 4.8 MB | Download |

Subject to changes.