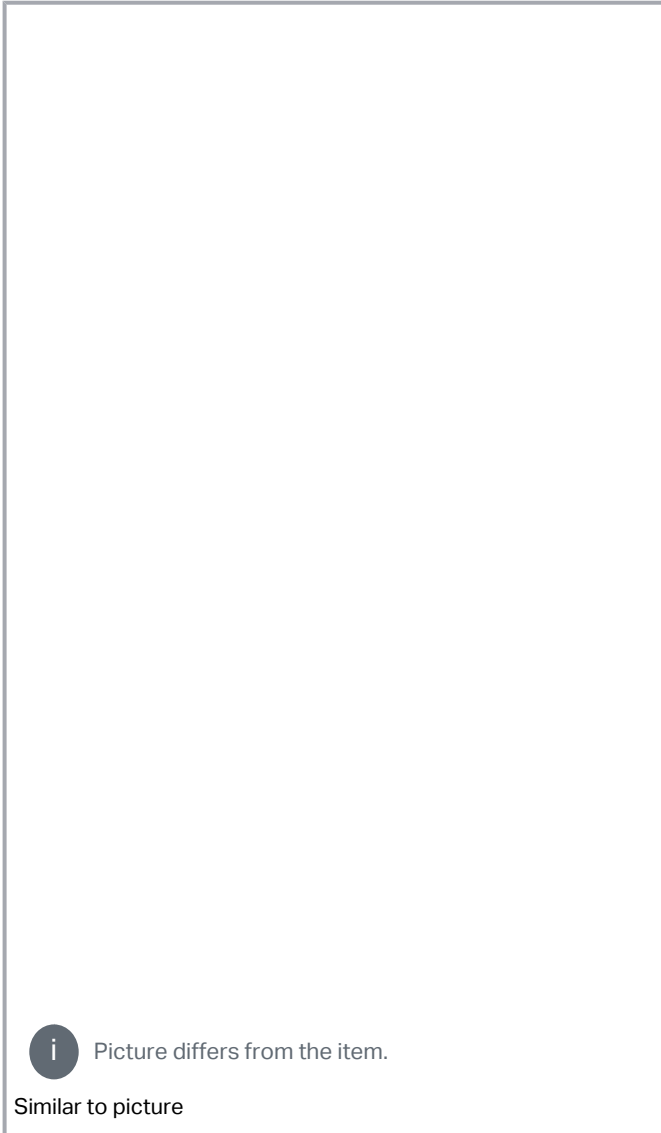


Data sheet | Item number: 858-158

Basic relay; Nominal input voltage: 120 VAC; 4 changeover contacts;

Limiting continuous current: 5 A; with manual operation

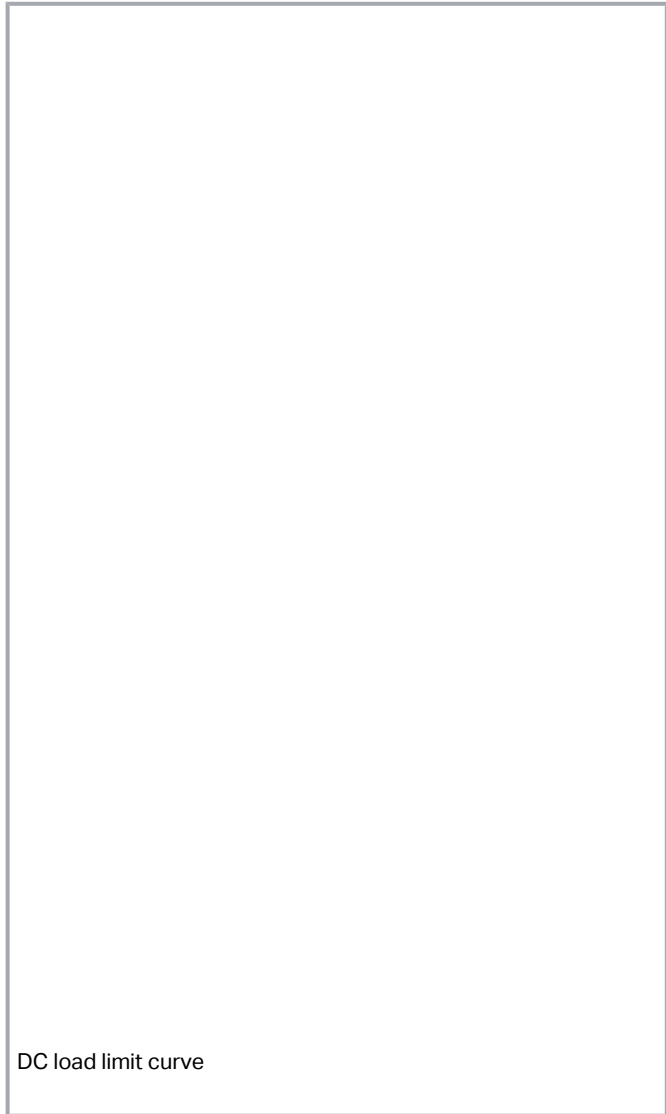
www.wago.com/858-158



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.



Data

Technical data

Control Circuit

| | |
|-----------------------------|----------|
| Nominal input voltage U_N | AC 120 V |
|-----------------------------|----------|

| | |
|--------------------------------|-------|
| Nominal input current at U_N | 10 mA |
|--------------------------------|-------|

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Load circuit

| | |
|---|--|
| Number of changeover/switchover contacts | 4 |
| Contact material (relay) | AgCe |
| Limiting continuous current | 5 A |
| Inrush current (resistive) max. | (AC) 15 A / 4 s |
| Switching voltage (max.) | AC 250 V |
| Switching power (resistive) max. | AC 1250 VA; DC (see load limit curve) |
| Recommended minimum load | 12 V / 100 mA |
| Pull-in time (typ.) | 25 ms |
| Drop-out time (typ.) | 25 ms |
| Bounce time (typ.) | 4 ms |
| Electrical life (NO; resistive load; 23 °C) | 100 x 10 ³ switching operations |
| Mechanical life | 20 x 10 ⁶ switching operations |

Signaling

| | |
|------------------|-----------------------|
| Status indicator | Red LED Mechanical |
|------------------|-----------------------|

Safety and protection

| | |
|--|-----------|
| Dielectric strength (control/load circuit) (AC, 1 min) | 1.5 kVrms |
| Dielectric strength (open contact) (AC, 1 min) | 1 kVrms |
| Dielectric strength (load/load circuit) (AC, 1 min) | 1.5 kVrms |
| Protection type | IP20 |

Physical data

| | |
|-------------------------|------------------------|
| Width | 21.5 mm / 0.846 inches |
| Height from the surface | 35 mm / 1.378 inches |
| Depth | 28 mm / 1.102 inches |

Mechanical data

| | |
|---------------|------------------|
| Mounting type | Pluggable module |
|---------------|------------------|

Material Data

| | |
|--------|--------|
| Weight | 34.2 g |
|--------|--------|

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



Environmental requirements

| | |
|--|----------------|
| Ambient temperature (operation at U _N) | -25 ... +70 °C |
| Ambient temperature (storage) | -40 ... +80 °C |

Standards and specifications

| | |
|--------------------------|------------|
| Standards/specifications | EN 61810-1 |
|--------------------------|------------|

Commercial data

| | |
|-----------------------|--------------------------|
| Product Group | 6 (INTERFACE ELECTRONIC) |
| eCl@ss 10.0 | 27-37-16-01 |
| eCl@ss 9.0 | 27-37-16-01 |
| ETIM 8.0 | EC001437 |
| ETIM 7.0 | EC001437 |
| PU (SPU) | 3 pcs |
| Packaging type | box |
| Country of origin | CN |
| GTIN | 4055143532044 |
| Customs tariff number | 85364190890 |

Environmental Product Compliance

| | |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

Optional accessories

Sockets

| | |
|-------------------------------------|--|
| Socket without relay | |
| Item no.: 858-100 | www.wago.com/858-100 |
| Relay socket; 4 changeover contacts | |

Downloads

Documentation

Bid Text

| | | | |
|-------------|--------------|--------|----------|
| 858-158 | 2019 年2月19日 | xml | Download |
| X81 - Datei | | 4.1 kB | |
| 858-158 | 2018 年11月29日 | doc | Download |

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



doc - Datei

25.6 kB

Additional Information

| | | | |
|---|--------------|--------|----------|
| Disposal and Recycling | V 1.1.0 | pdf | Download |
| Electrical and electronic equipment, Batteries, Packaging | 2022 年8月18 日 | 2.2 MB | |

CAD/CAE-Data

CAE data

| | | |
|---------------------------|-----|----------|
| EPLAN Data Portal 858-158 | URL | Download |
| WSCAD Universe 858-158 | URL | Download |
| ZUKEN Portal 858-158 | URL | Download |

CAD data

| | | |
|----------------------|-----|----------|
| 2D/3D Models 858-158 | URL | Download |
|----------------------|-----|----------|

Environmental Product Compliance

Compliance Search

| | | |
|---|-----|----------|
| Environmental Product Compliance 858-158 | URL | Download |
| Basic relay; Nominal input voltage: 120 VAC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation | | |

Installation Notes

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