

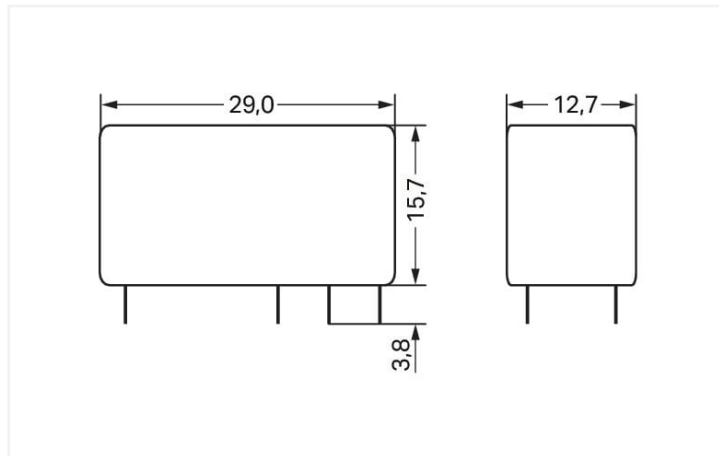
Data Sheet | Item Number: 788-755

Basic solid-state relay; Nominal input voltage: 24 VDC; Output voltage range: 12 ... 275 VAC; Limiting continuous current: 3 A; Module width: 12 mm; Module height: 15 mm

<https://www.wago.com/788-755>



Similar to illustration



Dimensions in mm

Notes

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.

Technical data

Control circuit

| | |
|----------------------------------|----------------|
| Nominal input voltage U_N | DC 24 V |
| Input voltage range (low level) | DC 0 ... 9 V |
| Input voltage range (high level) | DC 10 ... 30 V |
| Nominal input current at U_N | 12 mA |

Load circuit

| | |
|---------------------------------|---|
| Circuit type | 2-wire connection Zero-voltage switching |
| Limiting continuous current | 3.5 A |
| Inrush current (resistive) max. | (AC) 120 A |
| Nominal output voltage | AC 230 V |
| Output voltage range | AC 12 ... 275 V |
| Voltage drop | ≤ 1.1 VAC |
| Switching current (min.) | 50 mA |
| Turn-on time | ≤ 10 ms |
| Turn-off time | ≤ 10 ms |
| Switching frequency | 50 Hz / 60 Hz |

Signaling

| | |
|------------------|-----------|
| Status indicator | Green LED |
|------------------|-----------|

Safety and protection

| | |
|--|------------|
| Dielectric strength (control/load circuit) (AC, 1 min) | 3.51 kVrms |
|--|------------|

Physical data

| | |
|-------------------------|------------------------|
| Width | 12.7 mm / 0.5 inches |
| Height from the surface | 15.7 mm / 0.618 inches |
| Depth | 29 mm / 1.142 inches |

Mechanical data

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

Material data

| | |
|-----------|------|
| Fire load | 0 MJ |
| Weight | 4 g |

Environmental requirements

| | |
|---|-----------------|
| Ambient temperature (operation at U_N) | -30 ... +80 °C |
| Ambient temperature (storage) | -40 ... +100 °C |

Standards and specifications

| | |
|--------------------------|--|
| Standards/specifications | EN 61010-2-201 EN 61000-6-2 EN 61000-6-3 EN 61373 |
|--------------------------|--|

Commercial data

| | |
|-----------------------|---------------|
| ETIM 8.0 | EC001504 |
| ETIM 7.0 | EC001504 |
| PU (SPU) | 20 pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4055143919265 |
| Customs tariff number | 85364190890 |

Environmental Product Compliance

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

Approvals / Certificates

General approvals



| Approval | Standard | Certificate Name |
|---|----------|------------------|
| UL Underwriters Laboratories Inc. | UL 508 | E340707 |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance 788-755



Documentation

Bid Text

xml
4.45 KB



docx
13.88 KB



CAD/CAE-Data

CAD data

2D/3D Models 788-755

