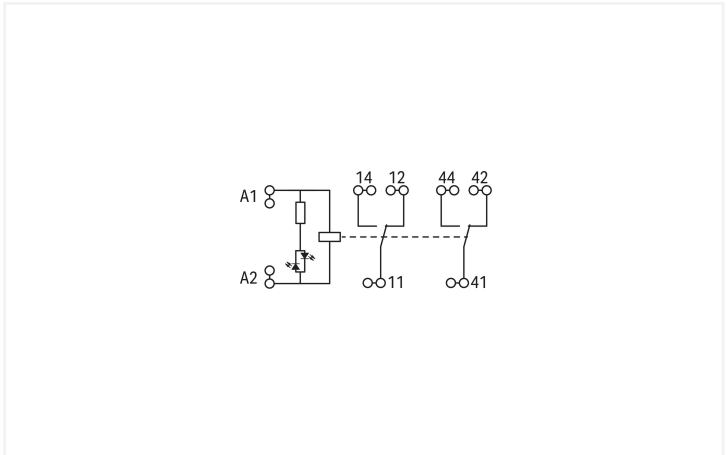
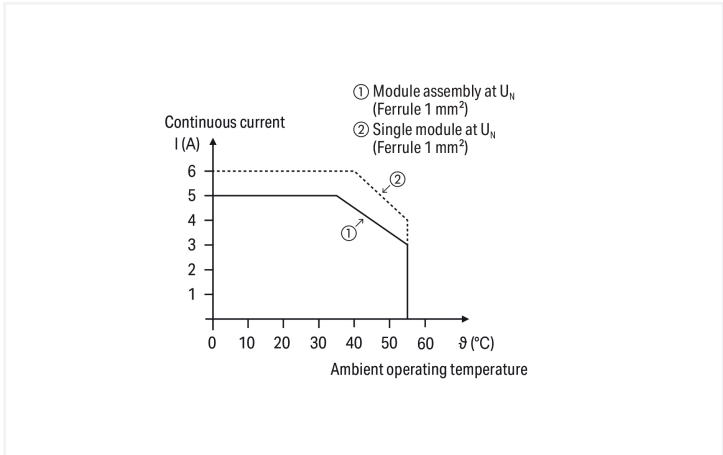
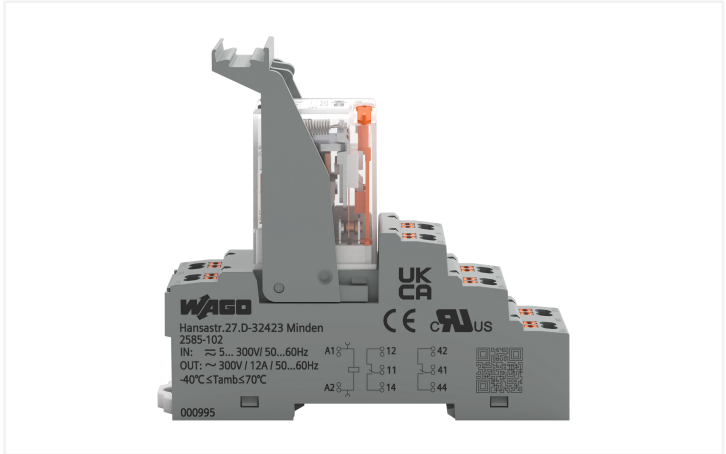
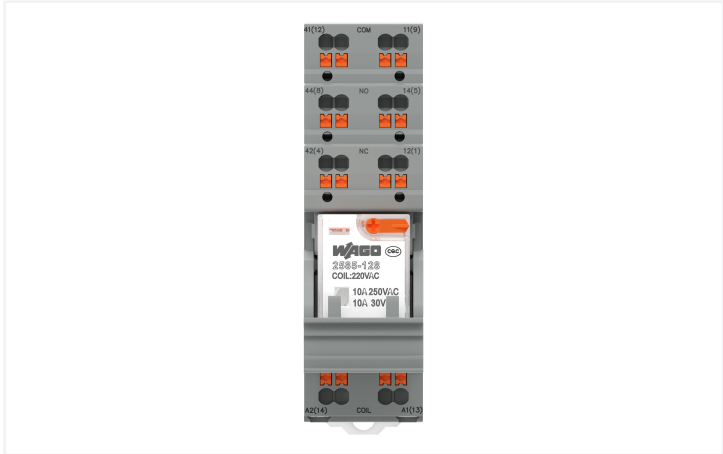
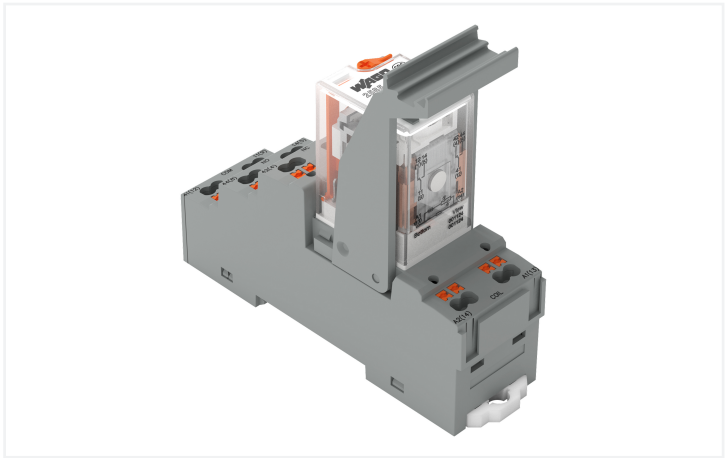
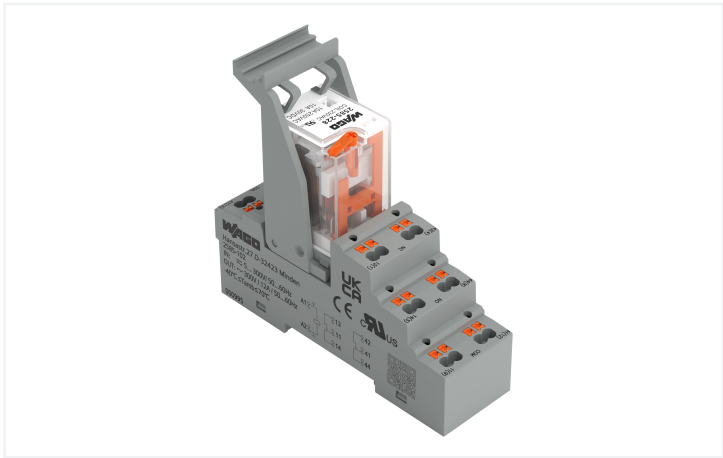


Data Sheet | Item Number: 2585-524

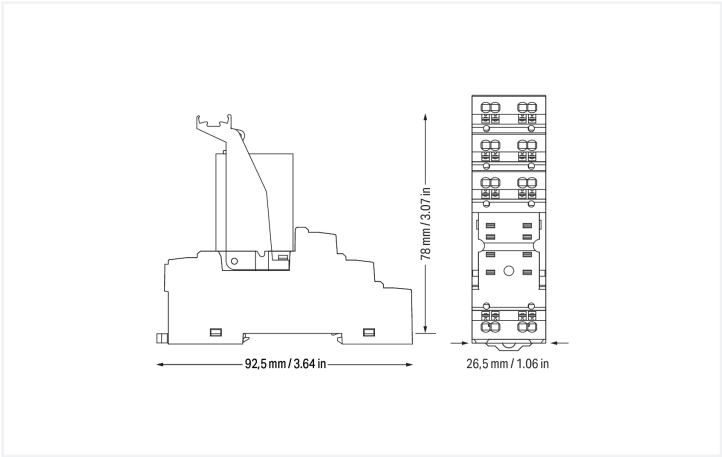
Relay module; Nominal input voltage: 24 VAC; 2 changeover contacts; Limiting continuous current: 6 A; with manual operation; Set of relay socket and elementary relay; Yellow status indicator; Module width: 27 mm



<https://www.wago.com/2585-524>



Deratingkurve



Technical data

| Control circuit | | Load circuit | |
|--------------------------------|---------------|---|--|
| Nominal input voltage U_N | 24 VAC | Number of changeover/switchover con- tacts | 2 |
| Input voltage range | -20 ... +10 % | Contact material (relay) | AgSnO ₂ |
| Nominal input current at U_N | 54.5 mA | Limiting continuous current | 6 A |
| | | Switching Voltage, Max. | 250 VAC; 30 VDC |
| | | Switching power (resistive) max. | AC 1500 VA; DC 180 W |
| | | Switching capacity | AC-15: 3 A / 250 VAC; DC-13: 2 A / 30 VDC |
| | | Recommended minimum load | 5 V / 100 mA |
| | | Pull-in time (typ.) | 25 ms |
| | | Drop-out time (typ.) | 25 ms |
| | | Electrical life (NO; resistive load; 23 °C) | 100 x 10 ³ switching operations |
| | | Mechanical life | 10 x 10 ⁶ switching operations |

| Signaling | |
|------------------|--------------------------|
| Status indicator | Yellow LED Mechanical |

| Safety and protection | |
|--|--|
| Rated Voltage | 300 V |
| Rated impulse withstand voltage | 2.5 kV |
| Overvoltage category | II |
| Pollution degree | 2 |
| Dielectric strength (control/load circuit) (AC, 1 min) | 2.5 kVrms |
| Dielectric strength (open contact) (AC, 1 min) | 1.5 kVrms |
| Dielectric strength (load/load circuit) (AC, 1 min) | 2.5 kVrms |
| Insulation type (open contact) | Functional insulation |
| Insulation type (load/load circuit) | Basic insulation |
| Insulation type (adjacent devices) | Reinforced insulation (safe isolation) |
| Protection type | IP20 |



| Connection data | | |
|--------------------------------|--|--|
| Connection technology | Push-in | |
| Solid conductor | 0.25 ... 2.5 mm² / 22 ... 14 AWG | |
| Fine-stranded conductor | 0.25 ... 2.5 mm² / 22 ... 14 AWG | |
| Strip length | 10 ... 11 mm / 0.39 ... 0.43 inches | |
| Note (conductor cross-section) | 2 x 0.34 ... 2 x 1.5 mm² / 1 x 2.5 mm² / 2 x 22 ... 2 x 16 AWG | |

| Physical data | | |
|-----------------------------------|-----------------------|--|
| Width | 26.8 mm / 1.06 inches | |
| Height | 92.5 mm / 3.64 inches | |
| Depth from upper-edge of DIN-rail | 78 mm / 3.07 inches | |

| Mechanical data | | |
|-------------------|---------------------------------------|--|
| Mounting type | DIN-35 rail | |
| Mounting position | horizontal (standing/lying); vertical | |

| Material data | | |
|----------------------|--|--|
| Note (material data) | Information on material specifications can be found here | |
| Fire load | 0 MJ | |
| Weight | 110 g | |

| Environmental requirements | | |
|--|---|--|
| Ambient temperature (operation at U _N) | -40 ... +55 °C | |
| Ambient temperature (storage) | -40 ... +70 °C | |
| Processing temperature | -25 ... +50 °C | |
| Temperature range of connection cable | ≥ (T _{ambient} + 25 K) | |
| Relative humidity | 20 ... 80 % (no condensation permissible) | |
| Operating altitude (max.) | 2000 m | |

| Standards and specifications | | |
|------------------------------|--------------|--|
| Standards/specifications | EN 60947-5-1 | |

| Commercial data | | |
|-----------------------|---------------|--|
| PU (SPU) | 10 pcs | |
| Packaging type | Box | |
| Country of origin | CN | |
| GTIN | 4066966758665 | |
| Customs tariff number | 85364900990 | |

| Product Classification | | |
|------------------------|----------------------|--|
| UNSPSC | 39122334 | |
| ETIM 9.0 | EC001437 | |
| ETIM 10.0 | EC001437 | |
| ECCN | NO US CLASSIFICATION | |

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

Approvals / Certificates

Declarations of conformity and manufacturer's declarations

| Approval | Standard | Certificate Name |
|---|----------|------------------|
| EU-Declaration of Confor- mity WAGO GmbH & Co. KG | - | - |
| UK-Declaration of Confor- mity WAGO GmbH & Co. KG | - | - |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2585-524

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Documentation

Instruction Leaflet

WAGO Relaismodul

V 1.0.0
12.05.2025

pdf
800.51 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models
2585-524

↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Basic relay

1.1.1.1 Basic relay



Item No.: 2585-224
Basic relay; Nominal input voltage: 24 VAC;
2 changeover contacts; Limiting conti-
nuous current: 10 A; with manual operati-
on; Module width: 21 mm; Module height:
35mm



1.1.2 Ferrule

1.1.2.1 Ferrule



Item No.: 216-241
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white



Item No.: 216-242
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



Item No.: 216-243
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



Item No.: 216-244
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black

1.1.3 Jumper

1.1.3.1 Jumper



Item No.: 2585-902
Jumper; 2-way; insulated

1.1.4 Marking

1.1.4.1 Marker



Item No.: 793-5501
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item No.: 793-501
WMB marking card; as card; not stretchable; plain; snap-on type; white



Item No.: 2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

1.1.4.2 Marking strip



Item No.: 2009-110
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

1.1.5 Tool

1.1.5.1 Operating tool



Item No.: 210-719
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft