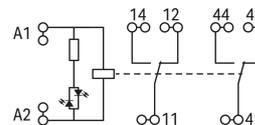
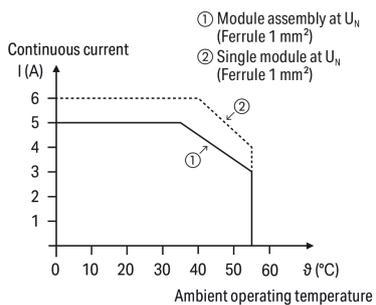
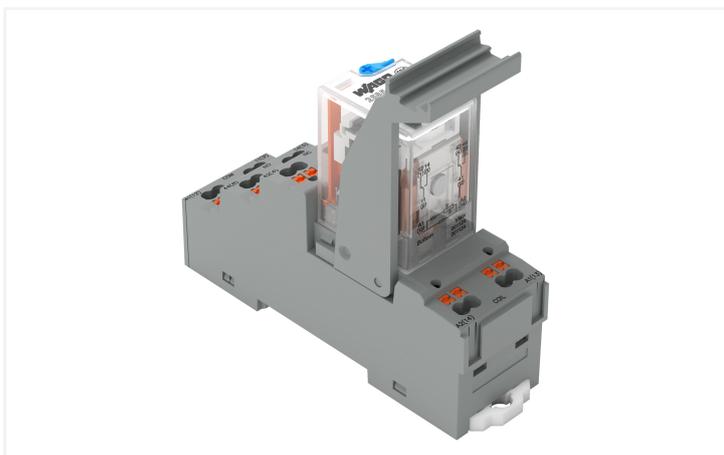
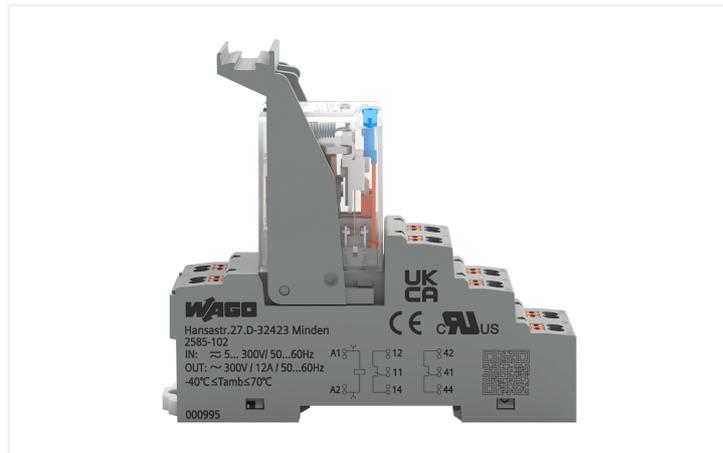
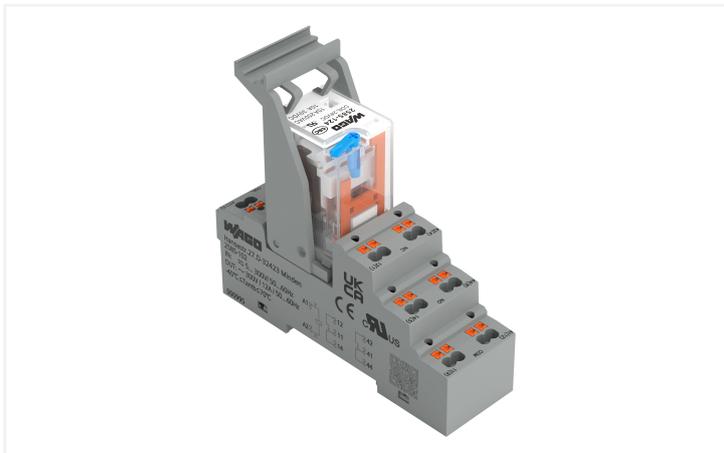


Data Sheet | Item Number: 2585-324

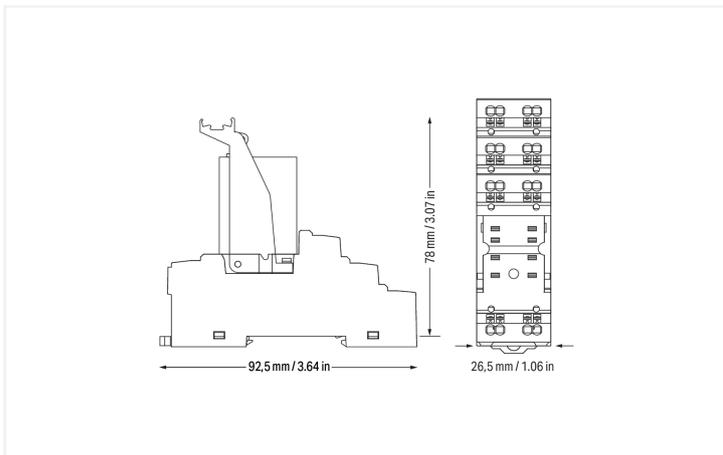
Relay module; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 6 A; with manual operation; Set of relay socket and elementary relay; Yellow status indicator; Module width: 27 mm



<https://www.wago.com/2585-324>



Deratingkurve



This item includes:

| | | |
|---|--|--|
| | | |
| <p>Item No.: 858-110 1</p> <p>Ejector; for basic relays 25 mm x 35 mm</p> | <p>Item No.: 2585-102 1</p> <p>Relay socket; 2 changeover contacts</p> | <p>Item No.: 2585-124 1</p> <p>Basic relay; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 10 A; with manual operation; Module width: 21 mm; Module height: 35mm</p> |

Technical data

| Control circuit | |
|--------------------------------|---------------|
| Nominal input voltage U_N | 24 VDC |
| Input voltage range | -20 ... +10 % |
| Nominal input current at U_N | 37 mA |

| Load circuit | |
|---|--|
| Number of changeover/switchover contacts | 2 |
| Contact material (relay) | AgSnO ₂ |
| 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 mm ² / 22 ... 14 AWG |
| Fine-stranded conductor | 0.25 ... 2.5 mm ² / 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 mm ² / 1 x 2.5 mm ² / 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 | 95.7 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 |
|--------------------------|--------------|

Basic relay

| | |
|------------------|----------|
| WAGO Basic Relay | 2585-124 |
|------------------|----------|

Commercial data

| | |
|-----------------------|---------------|
| PU (SPU) | 10 pcs |
| Packaging type | Box |
| Country of origin | CN |
| GTIN | 4066966667110 |
| 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 Conformity WAGO GmbH & Co. KG | - | - |
| UK-Declaration of Conformity WAGO GmbH & Co. KG | - | - |

Downloads

Environmental Product Compliance

| | |
|---|-------------------|
| Compliance Search | |
| Environmental Product Compliance 2585-324 | ↓ |

Documentation

Instruction Leaflet

| | | | |
|------------------|-----------------------|------------------|--|
| WAGO Relaismodul | V 1.0.0 12.05.2025 | pdf 800.51 KB | |
|------------------|-----------------------|------------------|--|

CAD/CAE-Data

CAD data

| | |
|--------------------------|--|
| 2D/3D Models 2585-324 | |
|--------------------------|--|

1 Compatible Products

1.1 Optional Accessories

1.1.1 Basic relay

1.1.1.1 Basic relay



Item No.: 2585-124

Basic relay; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 10 A; with manual operation; 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