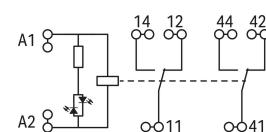
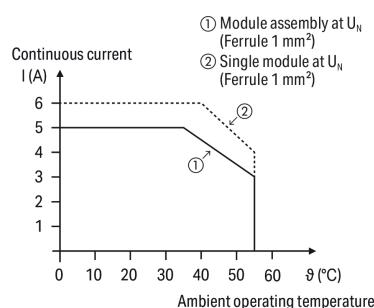
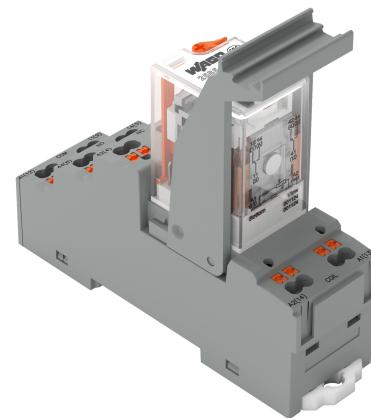
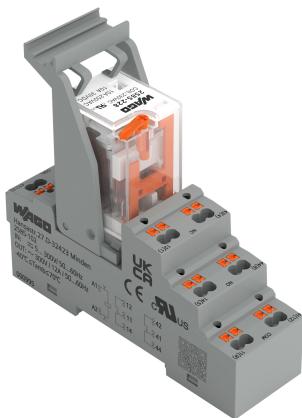
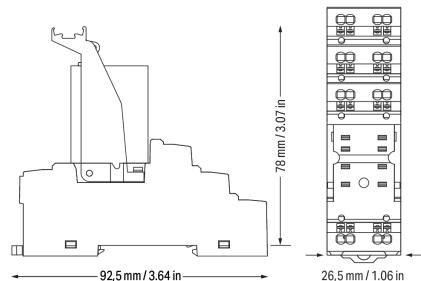


Data Sheet | Item Number: 2585-524

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>





Technical data

Control circuit

Nominal input voltage U_N 24 VAC

Input voltage range -20 ... +10 %

Nominal input current at U_N 54.5 mA

Load circuit

Number of changeover/switchover contacts 2

Contact material (relay) AgSnO₂

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 10³ switching operations

Mechanical life 10 x 10⁶ 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	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
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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 Conformity	-	-
WAGO GmbH & Co. KG		
UK-Declaration of Conformity	-	-
WAGO GmbH & Co. KG		

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2585-524



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 continuous current: 10 A; with manual operation; Module width: 21 mm; Module height: 35mm

1.1.2 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