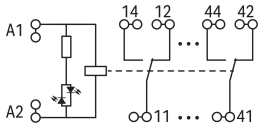
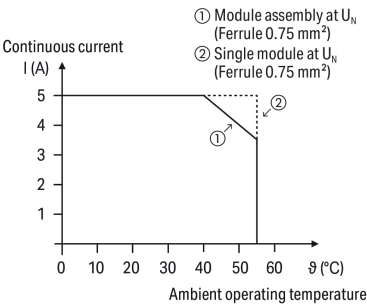
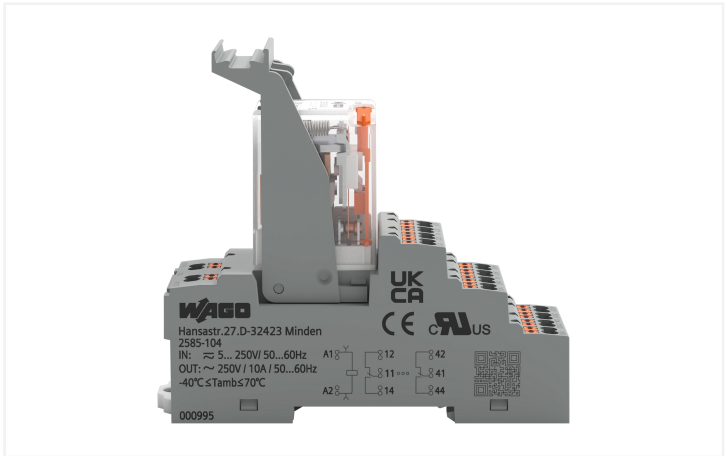
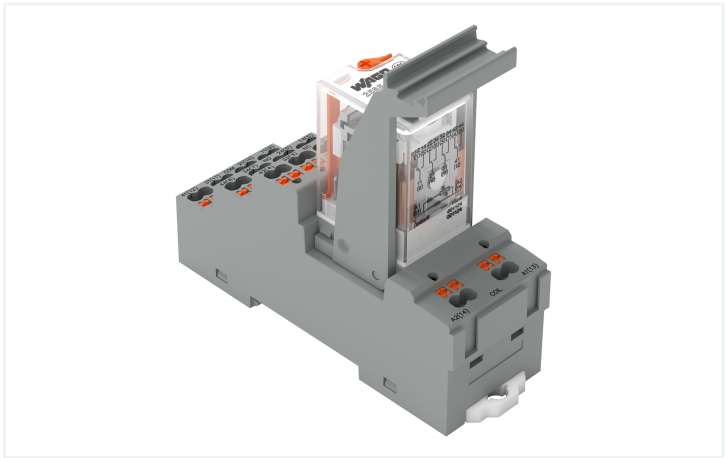
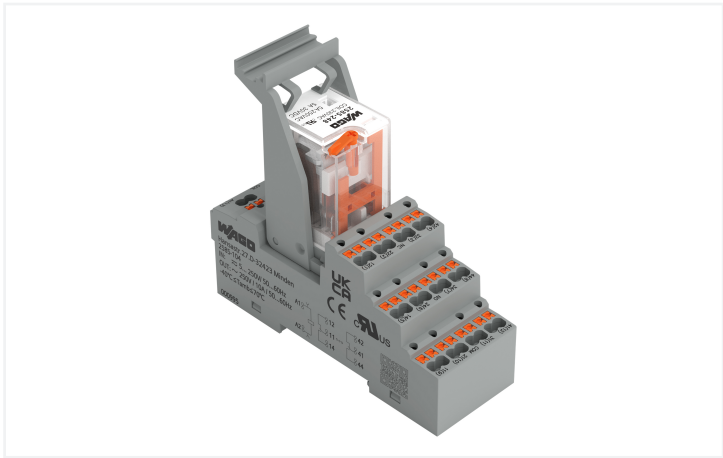


Data Sheet | Item Number: 2585-544

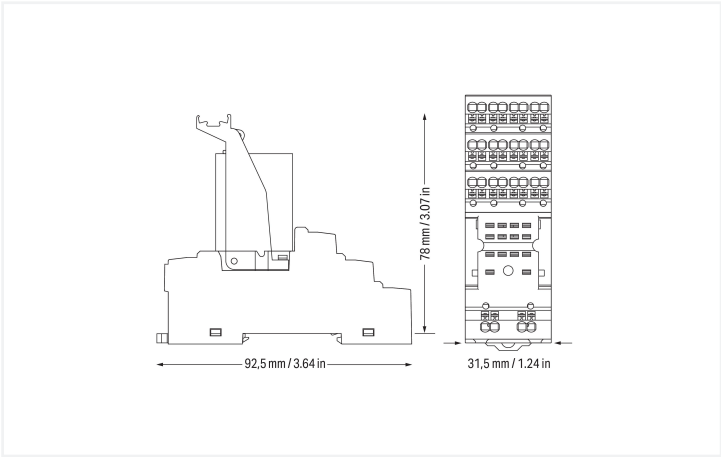
Relay module; Nominal input voltage: 24 VAC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation; Set of relay socket and elementary relay; Yellow status indicator; Module width: 31 mm



<https://www.wago.com/2585-544>



Deratingkurve



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	4
Contact material (relay)	AgSnO ₂
Limiting continuous current	5 A
Switching Voltage, Max.	250 VAC; 30 VDC
Switching power (resistive) max.	AC 1250 VA; DC 150 W
Switching capacity	AC-15: 1.5 A / 250 VAC; DC-13: 1 A / 30 VDC
Recommended minimum load	5 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	10 x 10 ⁶ switching operations

Signaling

Status indicator	Yellow LED Mechanical
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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)	1.5 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		31.5 mm / 1.24 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		4066966758733
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 2585-544

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Documentation

Instruction Leaflet

WAGO Relaismodul

V 1.0.0
12.05.2025

pdf
800.51 KB

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CAD/CAE-Data

CAD data

2D/3D Models
2585-544

↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Basic relay

1.1.1.1 Basic relay



Item No.: 2585-244
Basic relay; Nominal input voltage: 24 VAC;
4 changeover contacts; Limiting conti-
nuous current: 5 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.: 2585-904
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