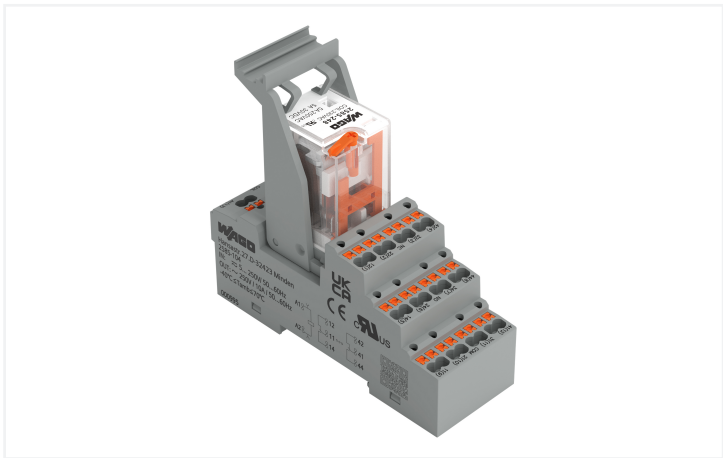
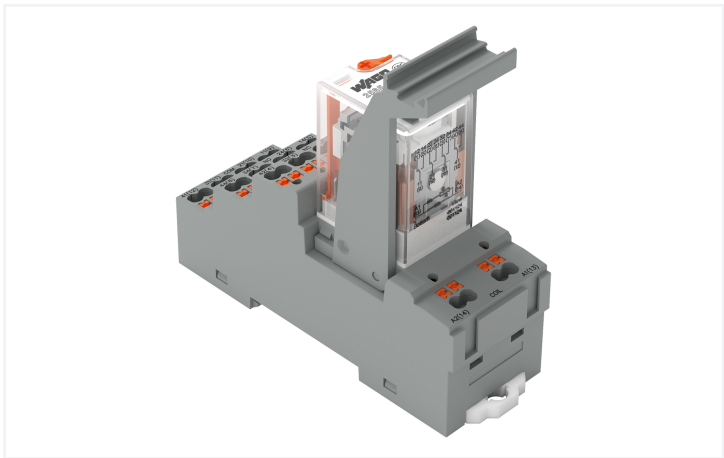
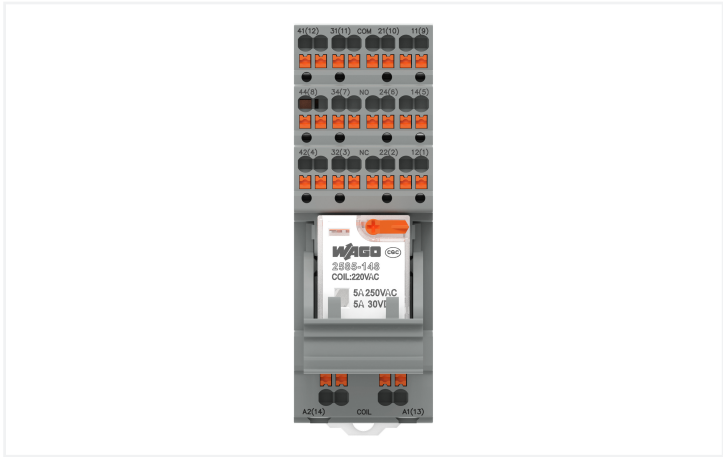
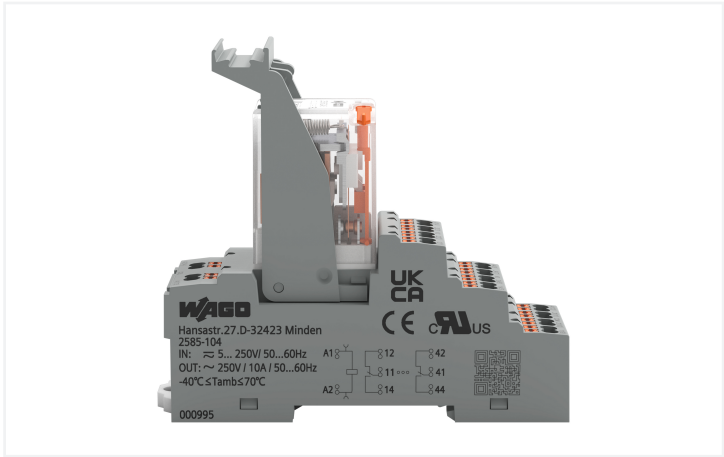
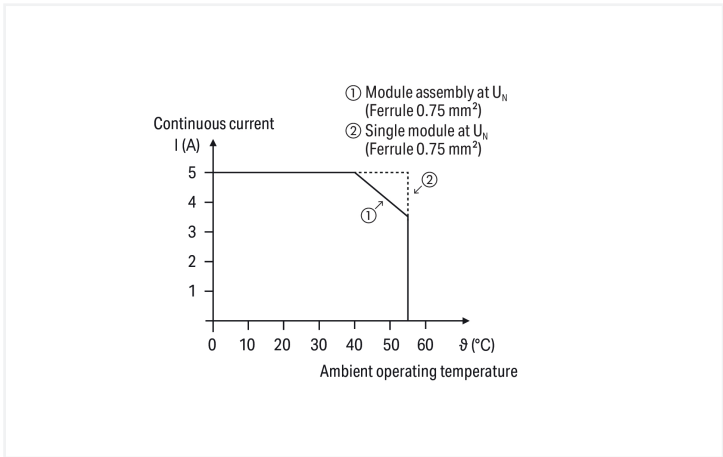
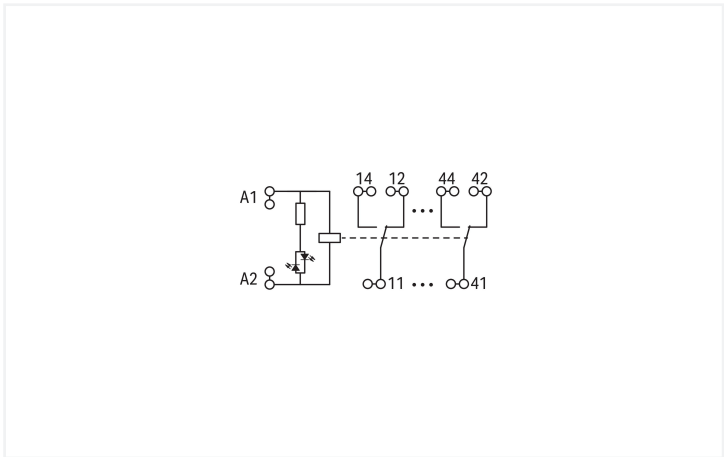


Data Sheet | Item Number: 2585-548

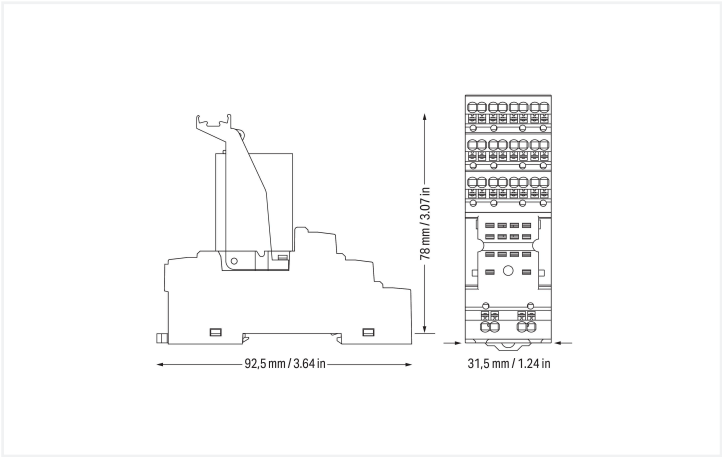
Relay module; Nominal input voltage: 230 VAC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation; Set of relay socket and elementary relay; Yellow status indicator; Module width: 31 mm



<https://www.wago.com/2585-548>



Deratingkurve



This item includes:

		
Item No.: 858-110 1	Item No.: 2585-104 1	Item No.: 2585-248 1
Ejector; for basic relays 25 mm x 35 mm	Relay socket; 4 changeover contacts	Basic relay; Nominal input voltage: 230 VAC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation; Module width: 21 mm; Module height: 35mm

Technical data

Control circuit	Load circuit
Nominal input voltage U_N 230 VAC	Number of changeover/switchover contacts4
Input voltage range-20 ... +10 %	Contact material (relay)AgSnO ₂
Nominal input current at U_N 7.5 mA	Limiting continuous current5 A
	Switching Voltage, Max.250 VAC; 30 VDC
	Switching power (resistive) max.AC 1250 VA; DC 150 W
	Utilization categoryAC-15: 1.5 A / 250 VAC DC-13: 1 A / 30 VDC
	Recommended minimum load5 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 life10 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)	1.5 kVrms
Insulation type (open contact)	Functional insulation
Insulation type (load/load circuit)	Basic insulation
Insulation type (adjacent devices)	Reinforced insulation (safe isolation)



Safety and protection	
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
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
Basic relay	
WAGO Basic Relay	2585-248
Commercial data	
PU (SPU)	10 pcs
Packaging type	Box
Country of origin	CN
GTIN	4066966667226
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 2585-548	

Documentation			
Instruction Leaflet			
WAGO Relaismodul	V 1.0.0 12.05.2025	pdf 800.51 KB	

CAD/CAE-Data	
CAD data	
2D/3D Models 2585-548	



1 Compatible Products

1.1 Optional Accessories

1.1.1 Basic relay

1.1.1.1 Basic relay



Item No.: 2585-248
Basic relay; Nominal input voltage: 230 VAC; 4 changeover contacts; Limiting continuous 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; 50 m on roll; 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