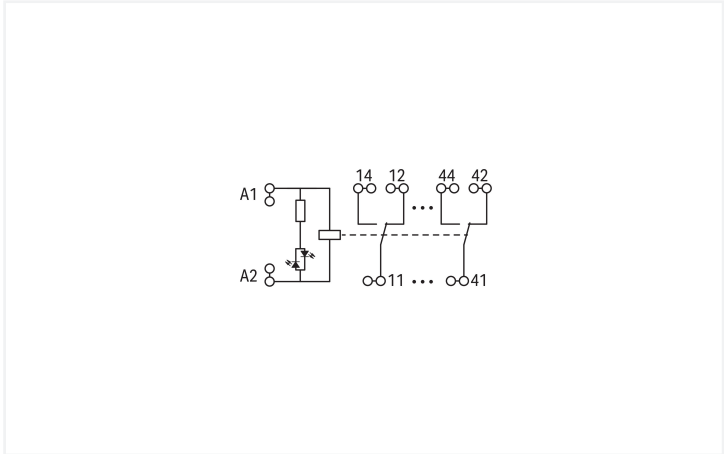
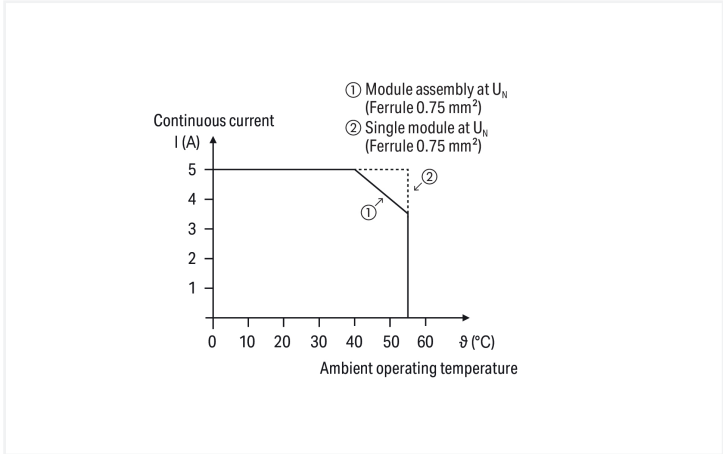
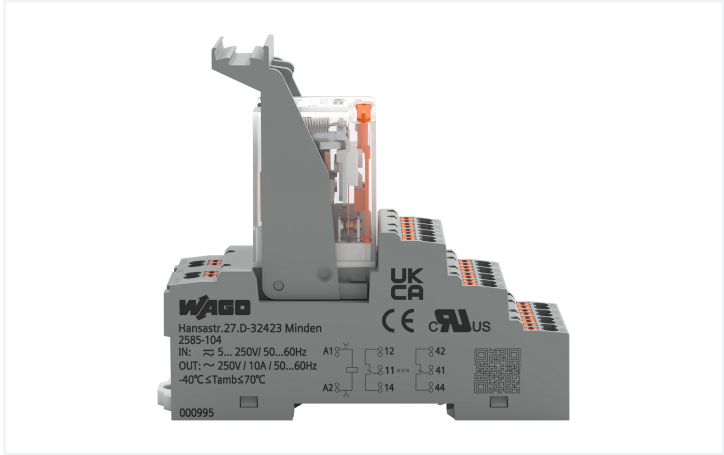
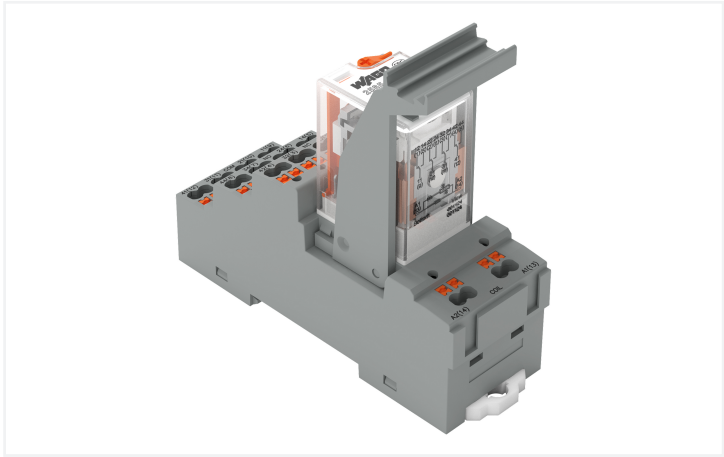
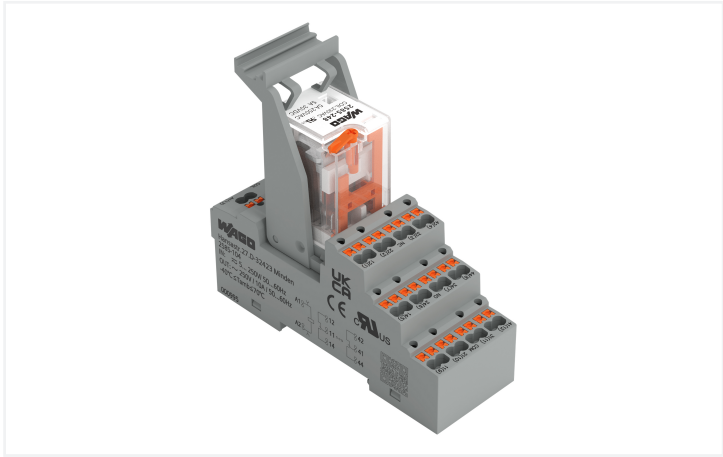


**Data Sheet | Item Number: 2585-547**

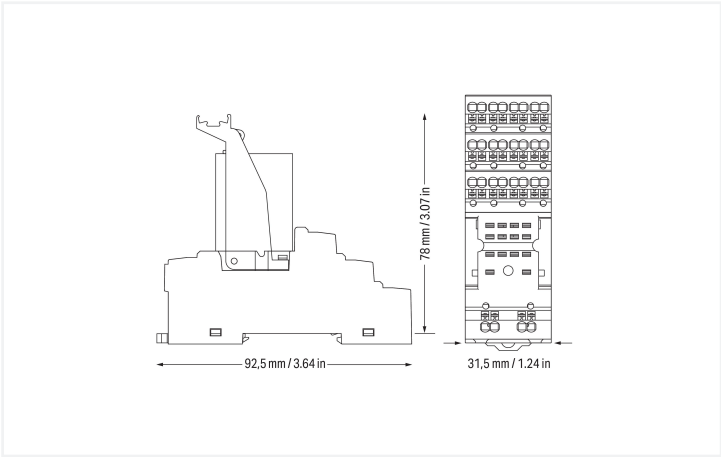
Relay module; Nominal input voltage: 115 VAC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation; Set of relay socket and elementary relay; Yellow status indicator; Module width: 31 mm



<https://www.wago.com/2585-547>



Deratingkurve



This item includes:

|                                                                                                        |                                                                                                     |                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                       |                    |                                                                                                                                                      |
| <div><div>Item No.: 858-110</div><div>1</div></div> <div>Ejector; for basic relays 25 mm x 35 mm</div> | <div><div>Item No.: 2585-104</div><div>1</div></div> <div>Relay socket; 4 changeover contacts</div> | <div><div>Item No.: 2585-247</div><div>1</div></div> <div>Basic relay; Nominal input voltage: 115 VAC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation; Module width: 21 mm; Module height: 35mm</div> |

Technical data

| Control circuit                |               | Load circuit                                |                                               |
|--------------------------------|---------------|---------------------------------------------|-----------------------------------------------|
| Nominal input voltage $U_N$    | 115 VAC       | Number of changeover/switchover contacts    | 4                                             |
| Input voltage range            | -20 ... +10 % | Contact material (relay)                    | AgSnO <sub>2</sub>                            |
| Nominal input current at $U_N$ | 15 mA         | Limiting continuous current                 | 5 A                                           |
|                                |               | Switching Voltage, Max.                     | 250 VAC; 30 VDC                               |
|                                |               | Switching power (resistive) max.            | AC 1250 VA; DC 150 W                          |
|                                |               | Utilization category                        | AC-15: 1.5 A / 250 VAC<br>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 <sup>3</sup> switching operations    |
|                                |               | Mechanical life                             | 10 x 10 <sup>6</sup> switching operations     |

| Signaling        |                          |
|------------------|--------------------------|
| Status indicator | Yellow LED<br>Mechanical |

|                                |                                                                |
|--------------------------------|----------------------------------------------------------------|
| 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 |

|                                   |                       |
|-----------------------------------|-----------------------|
| 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   |

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

|                      |                                                                          |
|----------------------|--------------------------------------------------------------------------|
| Note (material data) | <a href="#">Information on material specifications can be found here</a> |
| Weight               | 110 g                                                                    |

|                                           |                                            |
|-------------------------------------------|--------------------------------------------|
| 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     | $\geq (T_{\text{ambient}} + 25 \text{ K})$ |
| Relative humidity                         | 20 ... 80 % (no condensation permissible)  |
| Operating altitude (max.)                 | 2000 m                                     |

|                       |               |
|-----------------------|---------------|
| PU (SPU)              | 10 pcs        |
| Packaging type        | Box           |
| Country of origin     | CN            |
| GTIN                  | 4066966758696 |
| Customs tariff number | 85364900990   |

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

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

## Declarations of conformity and manufacturer's declarations

| Approval                                           | Standard | Certificate Name |
|----------------------------------------------------|----------|------------------|
| EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | -        | -                |
| UK-Declaration of Conformity<br>WAGO GmbH & Co. KG | -        | -                |

## Environmental Product Compliance

Environmental Product  
Compliance 2585-547

| Instruction Leaflet |                       |                  |                                                                                     |
|---------------------|-----------------------|------------------|-------------------------------------------------------------------------------------|
| WAGO Relaismodul    | V 1.0.0<br>12.05.2025 | pdf<br>800.51 KB |  |

CAD/CAE-Data

CAD data

2D/3D Models 2585-547

1 Compatible Products

1.1 Optional Accessories

1.1.1 Basic relay

1.1.1.1 Basic relay



**Item No.: 2585-247**  
Basic relay; Nominal input voltage: 115 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 mm<sup>2</sup> / 20 AWG; insu-  
lated; 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 mm<sup>2</sup> / 18 AWG; in-  
sulated; electro-tin plated; electrolytic cop-  
per; gastight crimped; acc. to DIN 46228,  
Part 4/09.90; gray



**Item No.: 216-243**  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulat-  
ed; 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 mm<sup>2</sup> / AWG 16; insu-  
lated; 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