



Notes

Note

The specified technical data are maximum values. They may be limited by the accessories used.

Technical data**Control circuit**

Nominal input voltage U_N	5 ... 250 VAC/VDC
Nominal frequency range	50 ... 60 Hz

Load circuit

Number of changeover/switchover contacts	4
Limiting continuous current	10 A (4 x)
Switching Voltage, Max.	250 VAC; 250 VDC
Nominal frequency range	≤60 Hz

Safety and protection

Rated Voltage	300 V
Overvoltage category	II
Pollution degree	2
Dielectric strength (control/load circuit) (AC, 1 min)	4 kVrms
Dielectric strength (open contact) (AC, 1 min)	2.5 kVrms
Insulation type (load/load circuit)	Basic insulation
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	31.5 mm / 1.24 inches
Height	92.5 mm / 3.64 inches
Depth from upper-edge of DIN-rail	42.5 mm / 1.67 inches

Mechanical data

Mounting type	DIN-35 rail
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Material data

Note (material data)	Information on material specifications can be found here
Fire load	0 MJ
Weight	75 g

Environmental requirements

Ambient temperature (operation at U_N)	-40 ... +70 °C
Ambient temperature (storage)	-40 ... +80 °C
Temperature range of connection cable	$\geq (T_{\text{ambient}} + 30 \text{ K})$
Relative humidity	5 ... 95 % (no condensation permissible)
Operating altitude (max.)	2000 m

Standards and Specifications

Standards/specifications	UL 508 EN 61984:2009 UR
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Commercial data

PU (SPU)	10 pcs
Packaging type	Box
Country of origin	CN
GTIN	4066966666854
Customs tariff number	85366990990

Product Classification

UNSPSC	39121529
ETIM 9.0	EC001456
ETIM 10.0	EC001456
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals		Declarations of conformity and manufacturer's declarations		
Approval	Standard	Certificate Name	Approval	Standard
UL Underwriters Laboratories Inc.	-	E544456	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-
			UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-

Downloads

Environmental Product Compliance

Compliance Search

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Compliance 2585-104



Documentation

Instruction Leaflet

WAGO Relaismodul V 1.0.0
12.05.2025

pdf
800.51 KB



CAD/CAE-Data

CAD data

2D/3D Models
2585-104



1 Compatible Products

1.1 Optional Accessories

1.1.1 Basic relay

1.1.1.1 Basic relay



[Item No.: 2585-147](#)

Basic relay; Nominal input voltage: 110 VDC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation; Module width: 21 mm; Module height: 35mm



[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



[Item No.: 2585-143](#)

Basic relay; Nominal input voltage: 12 VDC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation; Module width: 21 mm; Module height: 35mm



[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



[Item No.: 2585-244](#)

Basic relay; Nominal input voltage: 24 VAC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation; Module width: 21 mm; Module height: 35mm



[Item No.: 2585-144](#)

Basic relay; Nominal input voltage: 24 VDC; 4 changeover contacts; Limiting continuous current: 5 A; with manual operation; Module width: 21 mm; Module height: 35mm



[Item No.: 2585-145](#)

Basic relay; Nominal input voltage: 48 VDC; 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



[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