



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

Technical data			
Control circuit		Load circuit	
Nominal input voltage U _N	5 ... 250 VAC/VDC	Number of changeover/switchover contacts	4
Nominal frequency range	50 ... 60 Hz	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	

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	≥ (T _{ambient} + 30 K)
Relative humidity	5 ... 95 % (no condensation permissible)
Operating altitude (max.)	2000 m


Standards and Specifications	
Standards/specifications	UL 508 EN 61984:2009 UR

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

Approvals / Certificates

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2585-104

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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 2585-104

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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

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