





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	2
Nominal frequency range	50 ... 60 Hz	Limiting continuous current	12 A (2 x)
		Switching Voltage, Max.	300 VAC; 300 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	26.8 mm / 1.06 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
Weight	60.7 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		4066966666939
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 Conformity	-	-
Underwriters Laboratories Inc.			WAGO GmbH & Co. KG		
			UK-Declaration of Conformity	-	-
			WAGO GmbH & Co. KG		

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2585-102

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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 2585-102

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1 Compatible Products

1.1 Optional Accessories

1.1.1 Basic relay

1.1.1.1 Basic relay



Item No.: 2585-127
Basic relay; Nominal input voltage: 110 VDC; 2 changeover contacts; Limiting continuous current: 10 A; with manual operation; Module width: 21 mm; Module height: 35mm



Item No.: 2585-227
Basic relay; Nominal input voltage: 115 VAC; 2 changeover contacts; Limiting continuous current: 10 A; with manual operation; Module width: 21 mm; Module height: 35mm



Item No.: 2585-123
Basic relay; Nominal input voltage: 12 VDC; 2 changeover contacts; Limiting continuous current: 10 A; with manual operation; Module width: 21 mm; Module height: 35mm



Item No.: 2585-228
Basic relay; Nominal input voltage: 230 VAC; 2 changeover contacts; Limiting continuous current: 10 A; with manual operation; Module width: 21 mm; Module height: 35mm



Item No.: 2585-124
Basic relay; Nominal input voltage: 24 VAC; 2 changeover contacts; Limiting continuous current: 10 A; with manual operation; Module width: 21 mm; Module height: 35mm



Item No.: 2585-124
Basic relay; Nominal input voltage: 24 VDC; 2 changeover contacts; Limiting continuous current: 10 A; with manual operation; Module width: 21 mm; Module height: 35mm



Item No.: 2585-125
Basic relay; Nominal input voltage: 48 VDC; 2 changeover contacts; Limiting continuous current: 10 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.: 2585-902
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