

Data Sheet | Item Number: 2585-344

Relay module; Nominal input voltage: 24 VDC; 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/2585-344>



This item includes:



Item No.: 858-110

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Ejector; for basic relays 25 mm x 35 mm

Item No.: 2585-104

1

Relay socket; 4 changeover contacts

Item No.: 2585-144

1

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

Technical data

Control circuit

Nominal input voltage U_N	24 VDC
Input voltage range	-20 ... +10 %
Nominal input current at U_N	37 mA

Load circuit

Number of changeover/switchover contacts	4
Contact material (relay)	AgSnO ₂
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 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 ³ switching operations
Mechanical life	10 x 10 ⁶ switching operations

Signaling

Status indicator	Yellow LED Mechanical
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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)
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	2585-144

Commercial data	
PU (SPU)	10 pcs
Packaging type	Box
Country of origin	CN
GTIN	4066966667134
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	-	-