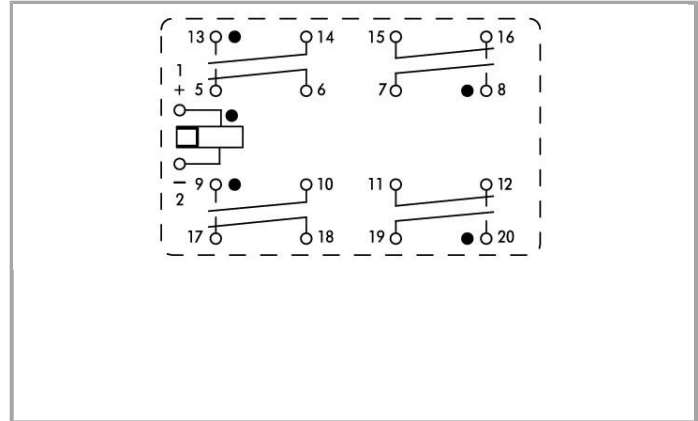


Data sheet | Item number: 288-414

Relay module with driven contacts; Nominal input voltage: 24 V AC/DC; 4 break and 4 make contacts; Limiting continuous current: 6 A; Module width: 64 mm



www.wago.com/288-414



RoHS Compliant

BOMcheck.net

Color: ■

Item description

Note:

If required a ventilation hole (e) can be made in the cover, reducing the degree of protection from IP67 to IP30.

If an outer contact (20) should weld then the forced operated inner contact (12) driven by the actuator (d) remains open. The rotating armature (c) remains free to move. The unaffected contact pairs can operate normally, (i. e. their function to make or break remains unaffected).

If an inner contact should weld (12) then the movement of the rotating armature (c) is blocked via the operator (d). Open contacts of all four contact pairs remain open. This arrangement corresponds to conventional, forced contact operation.

Data

Technical Data

Control circuit

Nominal input voltage U_N 24 V AC/DC

Input voltage range -15 ... +10 %

26 mA

Nominal input current at U_N **Load circuit:**

Number of break contacts/switch off contacts	4
Number of make contacts/switch on contacts	4
Contact material (relay)	AgSnO ₂
Limiting continuous current	6 A
Max. make current (resistive)	20 A (AC)
Max. switching voltage	250 VAC
Max. switching power (resistive)	1500 VAAC
Recommended minimum load	10 V / 10 mA
Pull-in time (typ.)	18 ms
Drop-out time (typ.)	21 ms
Bounce time (typ.)	4 ms
Electrical life (N.O.; resistive load; 23 °C)	100 x 10 ³ switching operations
Mechanical life (N.O.; resistive load; 23 °C)	10 x 10 ⁶ switching operations

Safety and protection:

Rated voltage	250 V
Rated impulse voltage	2.5 kV
Pollution degree	2
Dielectric strength, control/load circuit (AC, 1 min)	2 kV _{rms}
Dielectric strength, control/load circuit (AC, 1 min)	2 kV _{rms}
Dielectric strength, load/load circuit (AC, 1 min)	1.5 kV _{rms}
Dielectric strength, load/load circuit (AC, 1 min)	1.5 kV _{rms}

Connection data

Connection technology	CAGE CLAMP®
WAGO terminal	WAGO 256 Series
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 Inch

Geometrical Data

Width	63.5 mm / 2.5 inch
Height from upper-edge of DIN-35 rail	40 mm / 1.575 inch
Depth	85 mm / 3.346 inch

Mechanical data

Type of mounting	DIN-35 rail
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Material Data

Color	gray
Weight	109.3 g

Environmental Requirements

Surrounding air (operating) temperature at U_N	-40 ... 70 °C
Surrounding air (storage) temperature	-40 ... 80 °C
Pollution degree	2

Standards and specifications

Standards/specifications	EN 60664-1; EN 50205; EN 61810-1; ESTI (SEV): 09.1133; UL 508: E120782; TÜV: 968/EZ 116.02/09
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Commercial data

Country of origin	DE
GTIN	4045454192563
Customs Tariff No.	85364900990
Product Group	6 (Interface Electronics)

Compatible products

tools



Item no.: 210-720
Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm

www.wago.com/210-720

Marking accessories



Item no.: 709-177
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type

www.wago.com/709-177



Item no.: 709-178
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type

www.wago.com/709-178



Item no.: 709-196
Marking strips; for laser printer

www.wago.com/709-196

Downloads

Documentation

Bid Text



288-414 Relaisbaustein	Jan 22, 2016	DOC 29.7 kB	Download
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Additional Information

Disposal; Electrical and electronic equipment, Packaging	Oct 15, 2018	265.8 kB	Download
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CAD data

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Subject to changes.