



Item description

Note:

- Reinforced insulation between coil and contacts
- A separator plate (e.g., 209-191) must be used for voltages greater than 250 V between adjacent relay modules and for compliance with the reinforced insulation requirements.
- To protect the relay coils and contacts, inductive loads must be dampened with an effective protection circuit.



Data

Technical Data

Control circuit

Nominal input voltage U_N	24 VDC
Input voltage range	-30 ... +25 %
Nominal input current at U_N	19.1 mA

Load circuit:

Number of changeover/switchover contacts	2
Contact material	AgNi
Limiting continuous current	8 A
Max. make current (resistive)	12 A (AC)
Max. switching voltage	250 VAC
Max. switching power (resistive)	2000 VAAC; DC see load limit curve
Switching capacity	AC-15: 1.5 A / 240 VAC; DC-13: 1 A / 24 VDC
Recommended minimum load	12 V / 10 mA
Pull-in time (typ.)	15 ms
Drop-out time (typ.)	8 ms
Bounce time (typ.)	7 ms
Electrical life (N.O.; resistive load; 23 °C)	10×10^3 switching operations
Mechanical life (N.O.; resistive load; 23 °C)	5×10^6 switching operations
Max. switching load with load/without load	6 Max. switching load with load / 300 Max. switching load without load

Signaling

Status indication	LED red Mechanical
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Safety and protection:

Rated voltage	250 V
Rated impulse voltage	4 kV
Pollution degree	3
Dielectric strength, control/load circuit (AC, 1 min)	5 kV _{rms}
Dielectric strength, control/load circuit (AC, 1 min)	5 kV _{rms}
Dielectric strength open contact (AC, 1 min)	1 kV _{rms}
Dielectric strength open contact (AC, 1 min)	1 kV _{rms}
Dielectric strength, load/load circuit (AC, 1 min)	2.5 kV _{rms}
Dielectric strength, load/load circuit (AC, 1 min)	2.5 kV _{rms}
Degree of protection	IP20

Connection data

Connection technology	Push-in CAGE CLAMP®
Solid conductor	0.34 ... 2.5 mm ² / 22 ... 14 AWG
Fine-stranded conductor	0.34 ... 2.5 mm ² / 22 ... 14 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 Inch

Geometrical Data

Width	15 mm / 0.591 in
Height from upper-edge of DIN-35 rail	73 mm / 2.874 in
Depth	86 mm / 3.386 in

Mechanical data

Type of mounting	DIN-35 rail
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Material Data

Weight	48 g
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Environmental Requirements

Permissible surrounding air (operating) temperature at U _N	-40 ... 70 °C
Surrounding air (storage) temperature	-40 ... 70 °C
Pollution degree	3



Standards and specifications

Standards/specifications

EN 61010-2-201; EN 61810-1; EN 61373

Elementary relay

WAGO elementary relay

788-929

Commercial data

Country of Origin

DE

GTIN

4050821127130

Product Group

6 (Interface Electronics)

Subject to changes.

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