



Similar to picture

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	12 VDC
Input voltage range	$\pm 10\%$
Nominal input current at U_N	36 mA

Load circuit:

Number of changeover/switchover contacts	2
Contact material	AgNi 90/10
Limiting continuous current	8 A
Max. make current (resistive)	4 Make current (resistive) duration 15 A (AC)
Max. switching voltage	250 VAC
Max. switching power (resistive)	2000 VAAC; DC see load limit curve
Switching capacity	AC-15: 3 A / 250 VAC; DC-13: 2 A / 24 VDC
Recommended minimum load	12 V / 10 mA
Pull-in time (typ.)	8 ms
Drop-out time (typ.)	6 ms
Bounce time (typ)	10 ms
Electrical life (N.O.; resistive load; 23 °C)	1 x 10 ³ switching operations
Mechanical life (N.O.; resistive load; 23 °C)	30 x 10 ⁶ switching operations
Max. switching load with load/without load	6 Max. switching load with load / 1200 Max. switching load without load

Signaling

Status indication	LED red
-------------------	---------

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	54 mm / 2.126 in
Depth	86 mm / 3.386 in

Mechanical data

Type of mounting	DIN-35 rail
------------------	-------------

Material Data

Color	gray
Fire load	0.67 MJ
Weight	45.408 g

Environmental Requirements

Permissible surrounding air (operating) temperature at U _N	-25 ... 50 °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; UL 508
--------------------------	--

Elementary relay

WAGO elementary relay	788-152
-----------------------	---------

Commercial data

Country of Origin	CN
GTIN	4055143184120
Product Group	6 (Interface Electronics)



UL-Approvals

Logo	Approval	Certificate name
	UL UL International Netherlands B.V. (ORDINARY LOCATIONS)	E175199 Sec.6

Subject to changes.