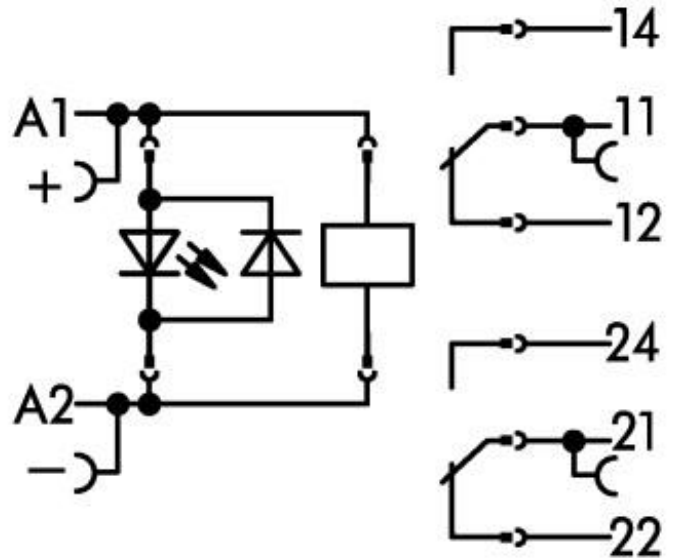
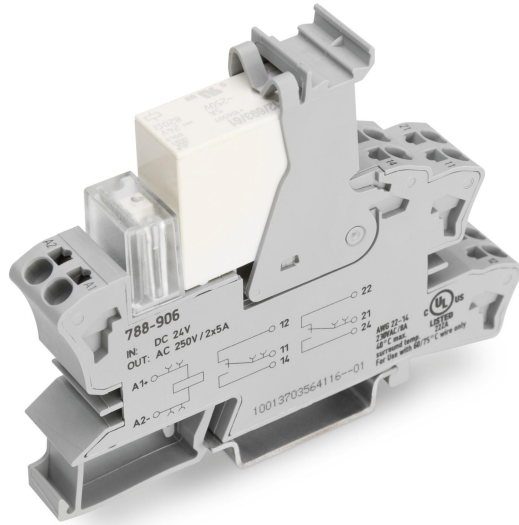


Data sheet | Item number: 788-906

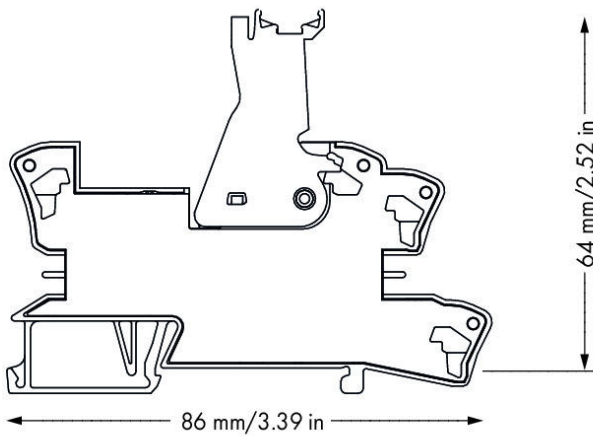
Safety relay (2 Changeover contacts); with driven gold contacts (type A) and status indication; Nominal input voltage Un DC 24 V



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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	24 VDC
Input voltage range	-15 ... +10 %
Nominal input current at U_N	30 mA

Load circuit:

Number of changeover/switchover contacts	2
Contact material	AgNi + Au
Limiting continuous current	0.3 A
Max. switching voltage	60 VAC
Max. switching power (resistive)	18 VAAC
Recommended minimum load	0.1 V / 1 mA / 1 mW
Pull-in time (typ.)	15 ms
Drop-out time (typ.)	12 ms
Electrical life (N.O.; resistive load; 23 °C)	100 x 10 ³ switching operations
Mechanical life (N.O.; resistive load; 23 °C)	50 x 10 ⁶ switching operations
Max. switching load with load/without load	6 Max. switching load with load / 600 Max. switching load without load

Signaling

Status indication	LED green
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Safety and protection:

Rated voltage	250 V
Rated impulse voltage	4 kV
Pollution degree	2
Dielectric strength, control/load circuit (AC, 1 min)	4 kV _{rms}
Dielectric strength, control/load circuit (AC, 1 min)	4 kV _{rms}
Dielectric strength open contact (AC, 1 min)	1.5 kV _{rms}
Dielectric strength open contact (AC, 1 min)	1.5 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	64 mm / 2.52 in
Depth	86 mm / 3.386 in

Mechanical data

Type of mounting	DIN-35 rail
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Material Data

Weight	50 g
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Environmental Requirements

Permissible surrounding air (operating) temperature at U _N	-40 ... 60 °C
Surrounding air (storage) temperature	-40 ... 70 °C
Surrounding air (operating) temperature for UL	-25 ... 40 °C
Pollution degree	2

Standards and specifications

Standards/specifications	EN 61010-2-201, EN 50205, EN 61810-3; UL 508 (max. 40 °C)
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Commercial data

Country of Origin	DE
GTIN	4045454515126
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.

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