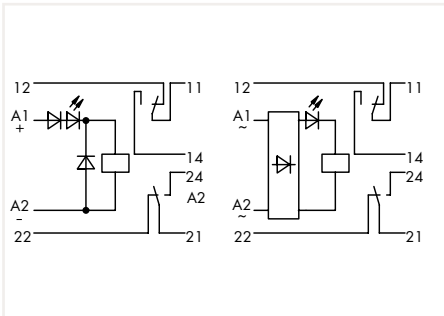


Relay Module 288 Series



Relay Module; 2 changeover contacts; Limiting continuous current: 6 A; 23 mm wide

U_N	I_N	Item No.	Pack. Unit
24 VDC	21.8 mA	288-312	1
24 VAC/DC	21.8 mA	288-512	1

Control Circuit

Input nominal voltage range	$\pm 10\%$
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Load Circuit

Number of changeover/switchover contacts	2
Contact material	AgNi 0.15
Limiting continuous current	6 A
Inrush current (resistive) max.	14 A (AC) / 4 s
Switching voltage (max.)	250 VAC
Switching power (resistive) max.	1500 VA (AC)
Pull-in time (typ.)	8 ms
Drop-out time (typ.)	3 ms
Bounce time (typ.)	2 ms
Electrical life (NO; resistive load; 23 °C)	100 x 10 ³ switching operations
Mechanical life	20 x 10 ⁶ switching operations

Safety and Protection

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

Connection Data

Connection technology	CAGE CLAMP®
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

Physical Data

Width	22.5 mm / 0.886 inch
Height from upper-edge of DIN-rail	48 mm / 1.89 inch
Depth	85 mm / 3.346 inch

Mechanical Data

Mounting type	DIN-35 rail
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Material Data

Weight	46.55 g
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Environmental Requirements

Surrounding air temperature (operation at U_N)	-25 ... +40 °C
Surrounding air temperature (storage)	-40 ... +80 °C
Processing temperature	-25 ... +50 °C

Standards and Specifications

Standards/specifications	EN 60664-1
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