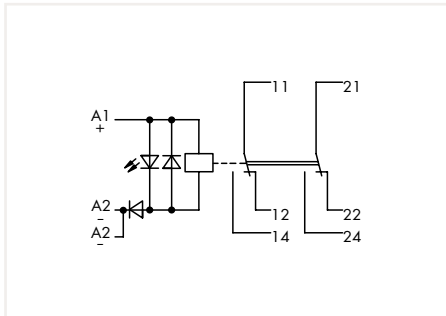


Relay Module 288 Series



Relay Module; with force-guided contacts; 2 change-over contacts; Limiting continuous current: 5 A; 19 mm wide

U_N	I_N	Item No.	Pack. Unit
24 VDC	36 mA	288-437	1

Note:
60 VDC switching voltages and 300 mA currents must not be exceeded for gold-plated basic relays. Higher switching power eventually evaporates the gold layer.

Control Circuit	
Input voltage range	-15 ... +10 %

Load Circuit	
Number of changeover/switchover contacts	2
Contact material	AgNi 10 + Au
Limiting continuous current	5 A
Switching voltage (max.)	250 VAC
Switching power (resistive) max.	1250 VA (AC)
Recommended minimum load	0.1 V / 1 mA / 1 mW
Pull-in time (typ.)	15 ms
Drop-out time (typ.)	12 ms
Electrical life (NO; resistive load; 23 °C)	100 x 10 ³ switching operations
Mechanical life	50 x 10 ⁶ switching operations
Type of basic relay	Dold OA 5669.12

Safety and Protection	
Rated voltage	250 V
Rated surge voltage	1.5 kV
Pollution degree	2
Dielectric strength, control/load circuit (AC, 1 min)	4 kV _{rms}
Dielectric strength, open contact (AC, 1 min)	1.5 kV _{rms}
Dielectric strength, load/load circuit (AC, 1 min)	1 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	19 mm / 0.748 inch
Height from upper-edge of DIN-rail	38 mm / 1.496 inch
Depth	75 mm / 3.346 inch

Mechanical Data	
Mounting type	DIN-35 rail

Material Data	
Weight	44.2 g

Environmental Requirements	
Surrounding air temperature (operation at U_N)	-25 ... +70 °C
Surrounding air temperature (storage)	-25 ... +70 °C
Processing temperature	-25 ... +50 °C

Standards and Specifications	
Standards/specifications	EN 61010-2-201; EN 50205