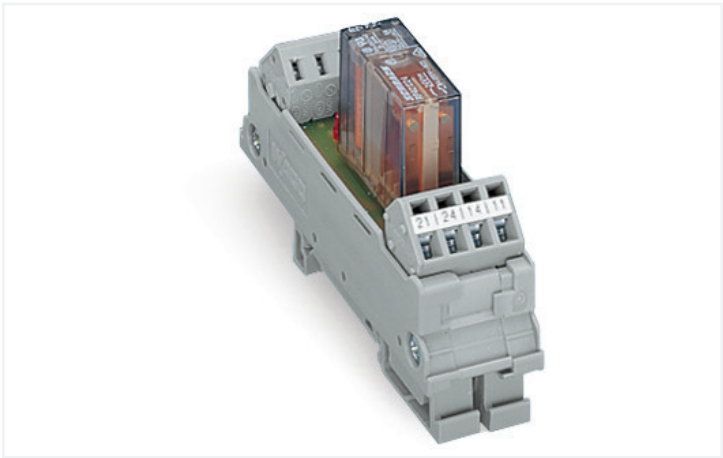


Data Sheet | Item Number: 288-512

Relay module; Nominal input voltage: 24 V AC/DC; 2 changeover contacts; Limiting continuous current: 6 A; Module width: 23 mm; 2,50 mm²; gray

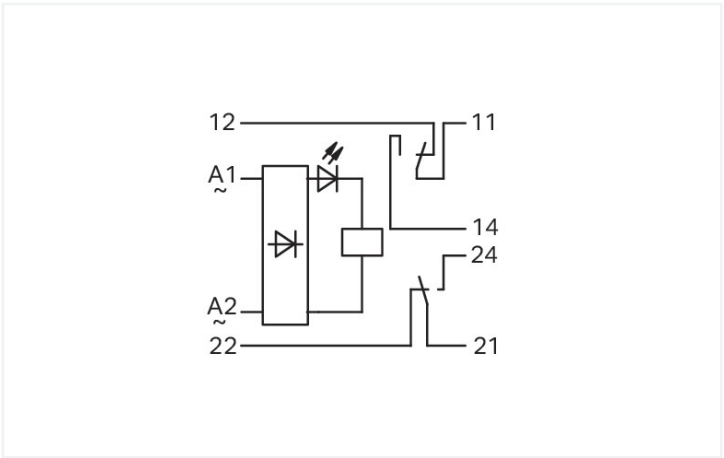


<https://www.wago.com/288-512>



Color: ■ gray

Similar to illustration



Technical data

Control circuit		Load circuit	
Nominal input voltage U _N	AC/DC 24 V	Number of changeover/switchover contacts	2
Input voltage range	±10 %	Contact material (relay)	AgNi 0.15
Nominal input current at U _N	22 mA	Limiting continuous current	6 A
		Inrush current (resistive) max.	(AC) 14 A / 4 s
		Switching voltage (max.)	AC 250 V
		Switching power (resistive) max.	AC 1500 VA
		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 kVrms
Dielectric strength (open contact) (AC, 1 min)	1 kVrms
Dielectric strength (load/load circuit) (AC, 1 min)	1.5 kVrms



Connection data	
Connection technology	CAGE CLAMP®
Solid conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 inches

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

Mechanical data	
Mounting type	DIN-35 rail

Material data	
Color	gray
Fire load	1.172 MJ
Weight	48.4 g

Environmental requirements	
Ambient temperature (operation at U _N)	-25 ... +40 °C
Ambient temperature (storage)	-40 ... +80 °C
Processing temperature	-25 ... +50 °C

Standards and specifications	
Standards/specifications	EN 60664-1

Commercial data	
Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-37-16-01
eCl@ss 9.0	27-37-16-01
ETIM 8.0	EC001437
ETIM 7.0	EC001437
PU (SPU)	10 (1) pcs
Packaging type	Box
Country of origin	CN
GTIN	4045454413750
Customs tariff number	85364900990

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

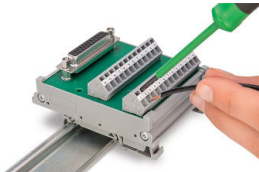
General approvals



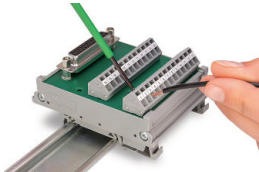
Approval	Standard	Certificate Name
EAC Brjansker Zertifizierungs- stelle	TP TC 004/2011	EAC RU C-DE.AM02. B.00122/19

Installation Notes

Conductor termination

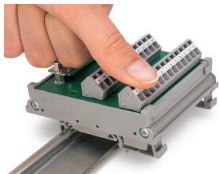


Conductor termination – screwdriver ac-
tuation parallel to conductor entry

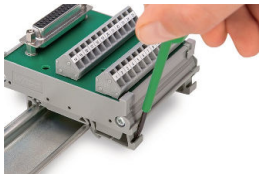


Conductor termination – screwdriver ac-
tuation perpendicular to conductor entry

Installation



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.