

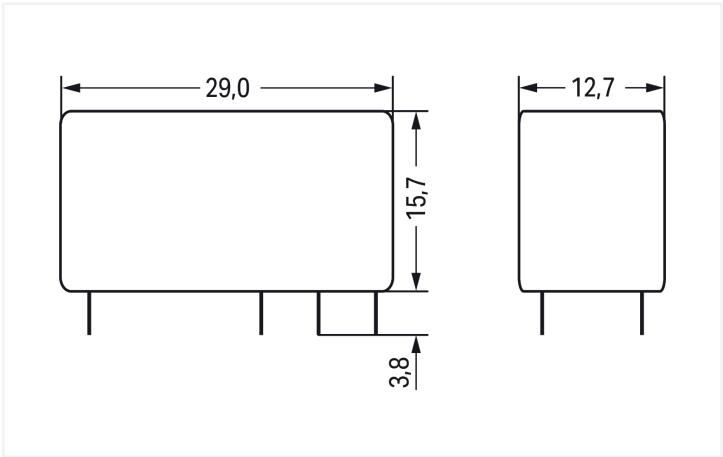
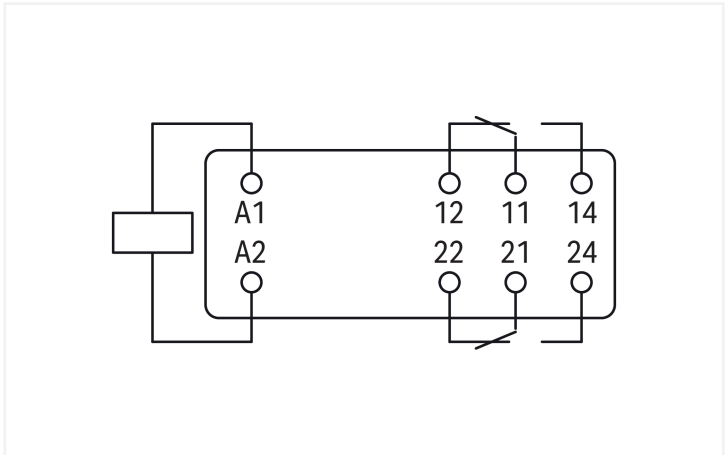
Data Sheet | Item Number: 788-169

Basic relay; Nominal input voltage: 110 VDC; 1 changeover contact; Limiting continuous current: 16 A; with gold contacts; Module width: 13 mm

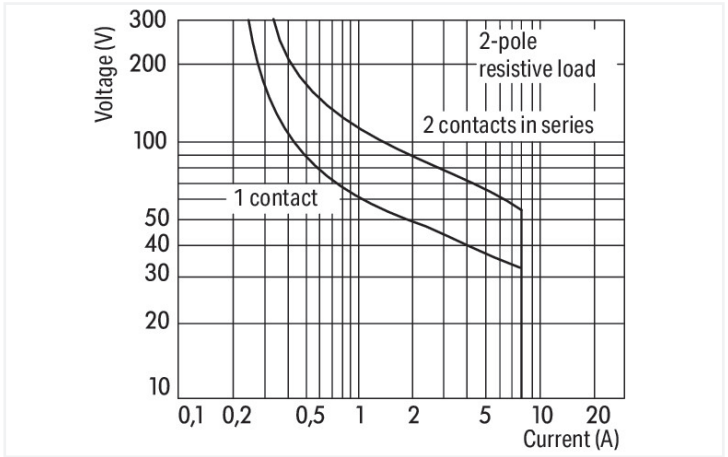
<https://www.wago.com/788-169>



Similar to illustration



Dimensions in mm



DC load limit curve

Notes	
Note	To prevent damaging the gold layer, 30 VDC switching voltages and 50 mA currents must not be exceeded. Higher switching power eventually evaporates the gold layer. The resulting deposits in the housing may reduce service life.

Technical data	
Control circuit	
Nominal input voltage U_N	110 VDC
Nominal input current at U_N	5 mA
Load circuit	
Number of changeover/switchover contacts	2
Contact material (relay)	AgNi + Au
Limiting continuous current	16 A
Switching Voltage, Max.	250 VAC
Switching power (resistive) max.	AC 4000 VA; DC (see load limit curve)
Switching capacity	AC-15: 6 A / 250 VAC; DC-13: 2 A / 24 VDC
Recommended minimum load	5 V / 2 mA / 50 mW
Pull-in time (typ.)	7 ms
Drop-out time (typ.)	3 ms
Electrical life (NO; resistive load; 23 °C)	30 x 10 ³ switching operations
Mechanical life	30 x 10 ⁶ switching operations



Safety and protection		
Dielectric strength (control/load circuit) (AC, 1 min)		5 kVrms
Dielectric strength (open contact) (AC, 1 min)		1 kVrms
Physical data		
Width		12.7 mm / 0.5 inches
Height from the surface		15.7 mm / 0.618 inches
Depth		29 mm / 1.142 inches
Mechanical data		
Mounting type		Pluggable module
Material data		
Note (material data)		Information on material specifications can be found here
Fire load		0 MJ
Weight		13 g
Environmental requirements		
Ambient temperature (operation at U _N)		-40 ... +85 °C
Ambient temperature (storage)		-40 ... +85 °C
Standards and specifications		
Standards/specifications		EN 61810-1
Commercial data		
ETIM 9.0		EC001437
ETIM 8.0		EC001437
PU (SPU)		20 pcs
Packaging type		Box
Country of origin		PL
GTIN		4055143693196
Customs tariff number		85364900990
Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption



Downloads

Environmental Product Compliance

Compliance Search			
Environmental Product Compliance 788-169			

Documentation

Additional Information			
788-169	24.08.2020	docx 14.11 KB	
788-169	24.08.2020	xml 4.58 KB	

CAD/CAE-Data

CAD data			
2D/3D Models 788-169			

1 Compatible Products

1.1 Optional Accessories

1.1.1 Socket

1.1.1.1 Socket without relay



Item No.: 788-100
Relay socket; 1 changeover contact; for 15 mm basic relays; gray