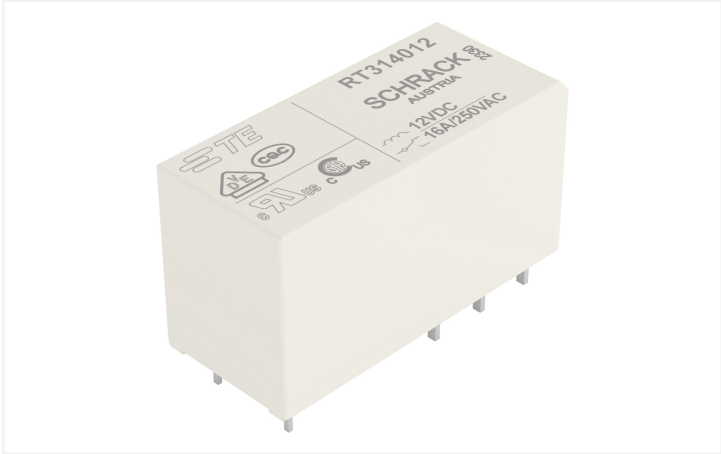


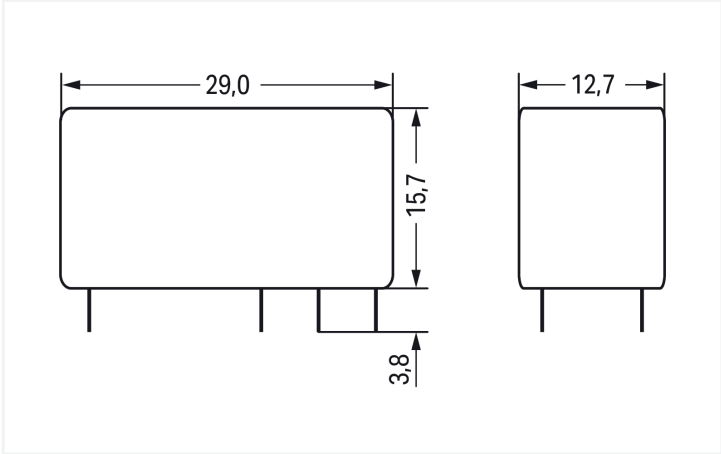
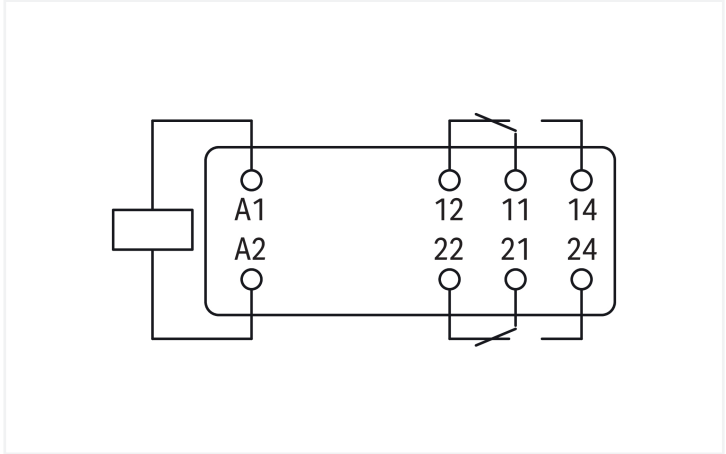
Data Sheet | Item Number: 788-168

Basic relay; Nominal input voltage: 110 VDC; 2 changeover contacts; Limiting continuous current: 8 A; Module width: 13 mm; Module height: 15 mm

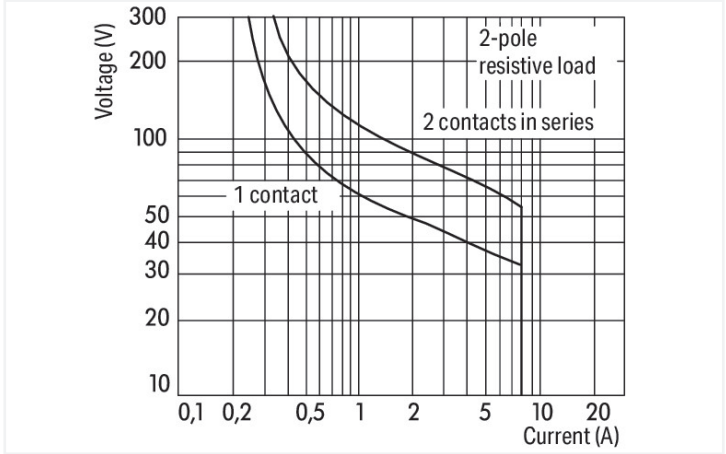
<https://www.wago.com/788-168>



Similar to illustration



Dimensions in mm



DC load limit curve

Technical data			
Control circuit		Load circuit	
Nominal input voltage U _N	110 VDC	Number of changeover/switchover contacts	2
Nominal input current at U _N	4 mA	Contact material (relay)	AgNi 90/10
		Limiting continuous current	8 A
		Inrush current (resistive) max.	(AC) 15 A / 4 s
		Switching Voltage, Max.	250 VAC
		Switching power (resistive) max.	AC 2000 VA; DC (see load limit curve)
		Switching capacity	AC-15: 3 A / 250 VAC; DC-13: 2 A / 24 VDC
		Recommended minimum load	12 V / 10 mA
		Pull-in time (typ.)	8 ms
		Drop-out time (typ.)	6 ms
		Bounce time (typ.)	10 ms
		Electrical life (NO; resistive load; 23 °C)	10 x 10 ³ switching operations
		Mechanical life	30 x 10 ⁶ switching operations
		Switching frequency with/without load (max.)	6 min ⁻¹ / 1200 min ⁻¹



Safety and protection	
Dielectric strength (control/load circuit) (AC, 1 min)	5 kVrms
Dielectric strength (open contact) (AC, 1 min)	1 kVrms
Dielectric strength (load/load circuit) (AC, 1 min)	2.5 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	13.4 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	
Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-37-16-01
eCl@ss 9.0	27-37-16-01
ETIM 9.0	EC001437
ETIM 8.0	EC001437
PU (SPU)	20 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821867838
Customs tariff number	85364900990

Environmental Product Compliance	
CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant, No Exemption
SCIP notification number (Austria)	90c33ee2-b006-4112-b630-fe4f7db7a01e
SCIP notification number (Belgium)	cd5ce0f2-11e5-4c9d-aea0-6352bb8efc3c
SCIP notification number (Bulgaria)	0fe922b3-f37b-411b-90e2-8d0199d68e11
SCIP notification number (Czech Republic)	3474c17a-c8f7-4e5b-9fc6-fec945cb619f
SCIP notification number (Denmark)	538475e7-ae22-4717-8f22-038b1f404973
SCIP notification number (Finland)	627634be-4475-41e9-8308-b2eb43318f1b
SCIP notification number (France)	6f5f36af-f58f-4fad-8215-d334aff7072f
SCIP notification number (Germany)	466245df-161c-4019-84c0-4adc54488dc7
SCIP notification number (Hungary)	3a29f425-4dad-4aa2-98da-67c9b00782f3



Environmental Product Compliance	
SCIP notification number (Italy)	9b745ddd-d46b-48c9-bc6b-bc32a0ec6eda
SCIP notification number (Netherlands)	fb5a4085-b1d6-459f-8144-81bd4c9e08e2
SCIP notification number (Poland)	dce3162d-085b-4378-8c56-4b6de5b889ae
SCIP notification number (Romania)	6def571b-0a92-43b7-a632-fa80ed5e4b74
SCIP notification number (Sweden)	88ad62d3-7ea7-4efc-81f5-e28fa83f20f7

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 788-168	↓

Documentation			
Bid Text			
788-168	19.02.2019	xml 3.59 KB	↓
788-168	20.02.2019	docx 15.59 KB	↓

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 788-168	WSCAD Universe 788-168
↓	↓

1 Compatible Products	
1.1 Optional Accessories	
1.1.1 Socket	
1.1.1.1 Socket without relay	



Item No.: 788-102
Relay socket; 2 changeover contacts; for 15 mm basic relays; gray