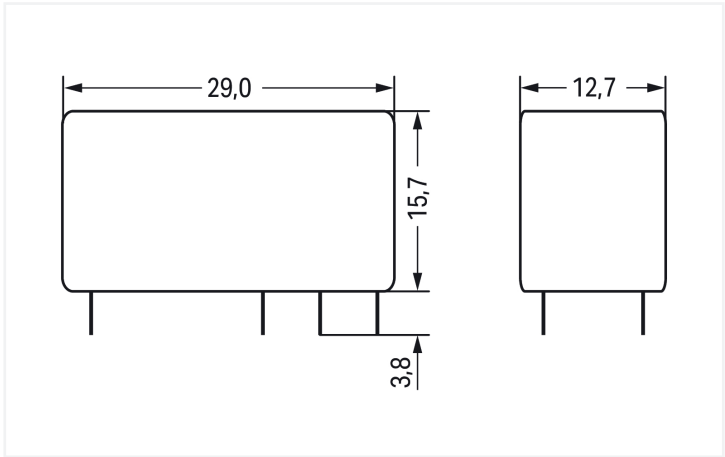
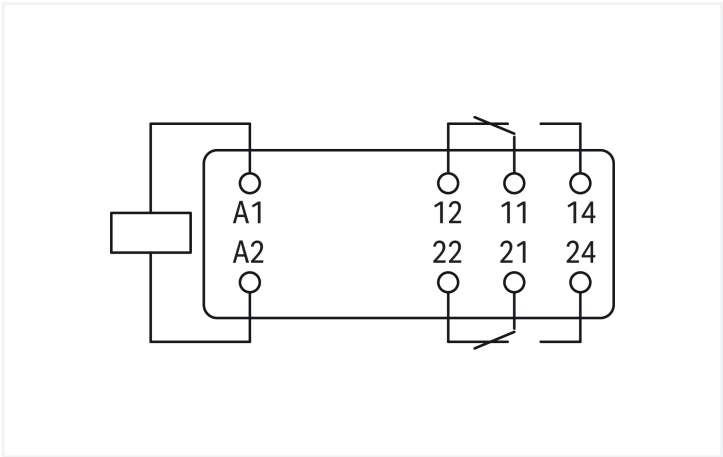
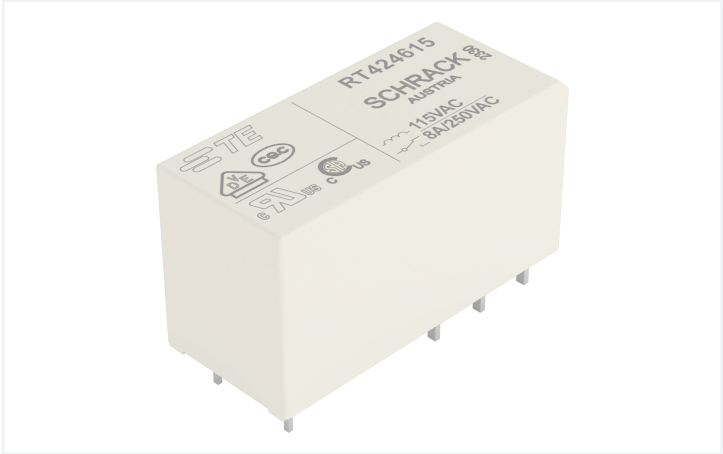


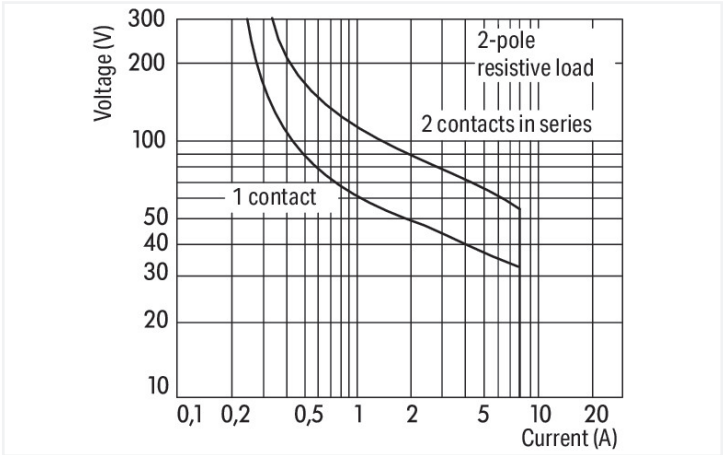
Data Sheet | Item Number: 788-176

Basic relay; Nominal input voltage: 115 VAC; 2 changeover contacts; Limiting continuous current: 8 A; Module width: 13 mm; Module height: 15 mm

<https://www.wago.com/788-176>



Dimensions in mm



DC load limit curve



Technical data

Control circuit		Load circuit	
Nominal input voltage U _N	115 VAC	Number of changeover/switchover contacts	2
Nominal input current at U _N	15 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
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Material data

Note (material data)	Information on material specifications can be found here
Fire load	0.185 MJ
Weight	12.3 g

Environmental requirements

Ambient temperature (operation at U _N)	-40 ... +70 °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	AT
GTIN	4050821867883
Customs tariff number	85364900990

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption
SCIP notification number (Austria)	d8c50790-66a1-4a29-9a66-bd3b19513141
SCIP notification number (Belgium)	2cb8475a-573c-4f9f-93fa-8ff07e949747
SCIP notification number (Bulgaria)	d60ba03a-96a1-49d3-8fbf-28d971a9e825
SCIP notification number (Czech Republic)	78c223a4-7cbb-42aa-8609-0d1bea2fa79b
SCIP notification number (Denmark)	54864db0-f26f-42aa-ba9f-8c8d88a93eda
SCIP notification number (Finland)	0e2f7cc1-5a96-401b-8600-2ec6387f98b0
SCIP notification number (France)	99a1978c-985e-4b87-94c5-5dc4534d88f8
SCIP notification number (Germany)	972beb0e-cea4-47db-9c6c-5ba64d880812
SCIP notification number (Hungary)	8acae4c-ccbd-4bd4-85ab-25036884f3ac
SCIP notification number (Italy)	7504a942-da05-4b66-b0de-202f757859ae
SCIP notification number (Netherlands)	ed6870d8-78cf-4ba2-bb50-6dc6fd7bd6ed
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SCIP notification number (Romania)	ea5e1c00-3414-4dac-8ef9-8b6046b23d1a
SCIP notification number (Sweden)	bd3304c9-670d-4162-a500-68cc30c32da3

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 788-176	

Documentation			
Bid Text			
788-176	19.02.2019	xml 3.59 KB	
788-176	20.02.2019	docx 15.49 KB	



CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 788-176	WSCAD Universe 788-176

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