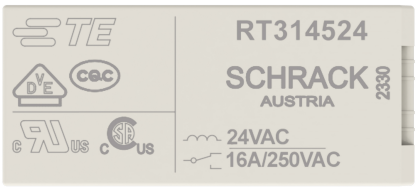
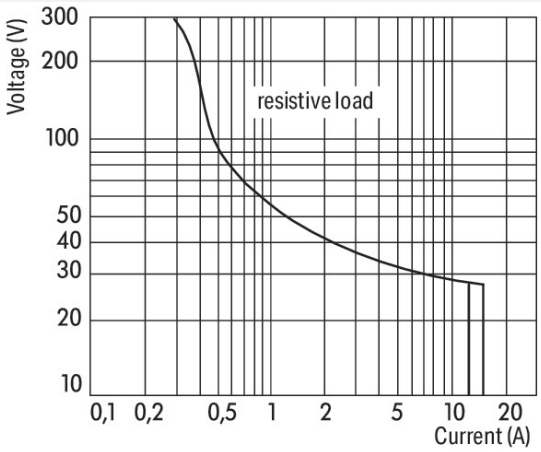
Data Sheet | Item Number: 788-170

Basic relay; Nominal input voltage: 24 VAC; 1 changeover contact; Limiting continuous current: 16 A; Module width: 13 mm; Module height: 15 mm

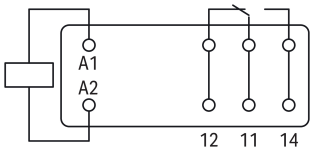
https://www.wago.com/788-170

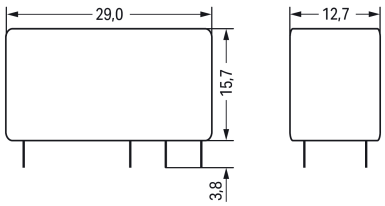






DC load limit curve





Dimensions in mm

Technical data

Control circuit

Nominal input voltage U_N	24 VAC
Nominal input current at U_N	7 mA

Load circuit

Number of changeover/switchover contacts	1
Contact material (relay)	AgNi 90/10
Limiting continuous current	16 A
Inrush current (resistive) max.	(AC) 30 A / 4 s
Switching Voltage, Max.	250 VAC
Switching power (resistive) max.	AC 4000 VA; DC (see load limit curve)
Utilization category	AC-15: 6 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.)	6 ms
Electrical life (NO; resistive load; 23 °C)	30 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

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
Weight	12.5 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

Continued on next page

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	20 pcs
Packaging type	Box
Country of origin	AT
GTIN	4050821867852
Customs tariff number	85364900990

Product Classification

UNSPSC	39122334
eCl@ss 10.0	27-37-16-01
eCl@ss 9.0	27-37-16-01
ETIM 9.0	EC001437
ETIM 10.0	EC001437
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption
SCIP notification number (Austria)	dff91e61-7cc2-4a32-aacd-d11dbbe5395f
SCIP notification number (Belgium)	c992ca89-2800-4169-ae6a-a53189682977
SCIP notification number (Bulgaria)	c05de5d0-ccf6-4434-858c-42d12e395cbc
SCIP notification number (Czech Republic)	f1d89f99-8c77-49db-aae0-c6af6d44a49e
SCIP notification number (Denmark)	a9053a49-3bec-4eba-91a4-b869ffa42cd7
SCIP notification number (Finland)	ea36caa1-0880-40c2-8721-ccbf96aa2301
SCIP notification number (France)	9e1e3c80-5511-4d45-aab9-4d7a88835185
SCIP notification number (Germany)	2448f1cc-e2b2-490d-a607-61305510a516
SCIP notification number (Hungary)	5570253f-c2c5-4830-8137-2f614398e997
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SCIP notification number (Sweden)	08264468-833f-4850-82b7-0eae4f782ba0

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 788-170

Documentation

Bid Text

788-170	19.02.2019	xml 3.49 KB	
788-170	20.02.2019	docx 15.18 KB	

Continued on next page

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 788-170	WSCAD Universe 788-170

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