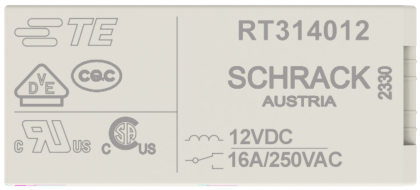
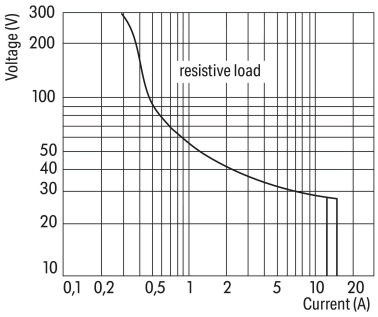
Data Sheet | Item Number: 788-150

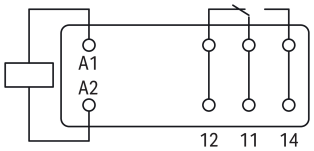
Basic relay; Nominal input voltage: 12 VDC; 1 changeover contact; Limiting continuous current: 16 A; Module width: 13 mm; Module height: 15 mm

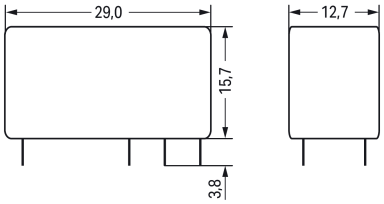
https://www.wago.com/788-150





DC load limit curve





Dimensions in mm

Technical data

Control circuit

Nominal input voltage U_N	12 VDC
Nominal input current at U_N	34 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	13.1 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

 Continued on next page

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	20 (1) pcs
Packaging type	Box
Country of origin	AT
GTIN	4045454303778
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

CAS-No.	7439-92-1 7440-43-9
REACH Candidate List Substance	Cadmium Lead
RoHS Compliance Status	Compliant,No Exemption
SCIP notification number (Austria)	18bfe4fa-b008-427c-b15b-005361886a99
SCIP notification number (Belgium)	e91f83d8-da3f-43db-b336-4a6e9367ef01
SCIP notification number (Bulgaria)	3231c056-0dc6-471a-8612-5dd068f93069
SCIP notification number (Czech Republic)	b5e76aee-b4d0-4726-bfa3-fb98efd07dce
SCIP notification number (Denmark)	84d9da31-eeb7-4ee0-947d-c9b6c5cef632
SCIP notification number (Finland)	99b62071-bf0e-4bd4-a895-cbb87e6741d2
SCIP notification number (France)	0b11b22d-17ce-4d3d-a984-27cec09bfb7d
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SCIP notification number (Netherlands)	b0eb66fa-4b0f-43ad-a498-0cfb02586618
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SCIP notification number (Sweden)	bb4a7814-72d8-4cd1-81c6-ee8a2faefd45

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 788-150

Continued on next page

Documentation

Bid Text			
788-150	19.02.2019	xml 3.49 KB	
788-150	20.02.2019	docx 15.21 KB	

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 788-150	WSCAD Universe 788-150

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