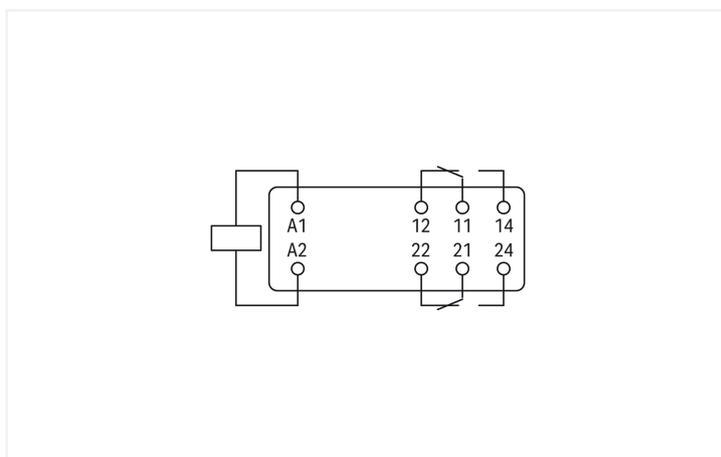
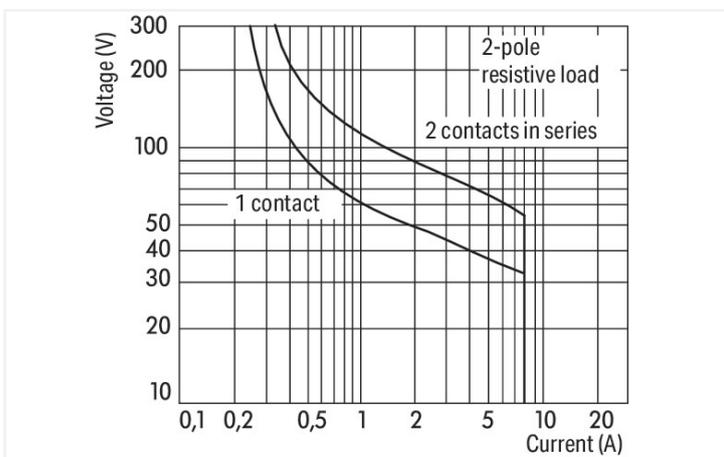


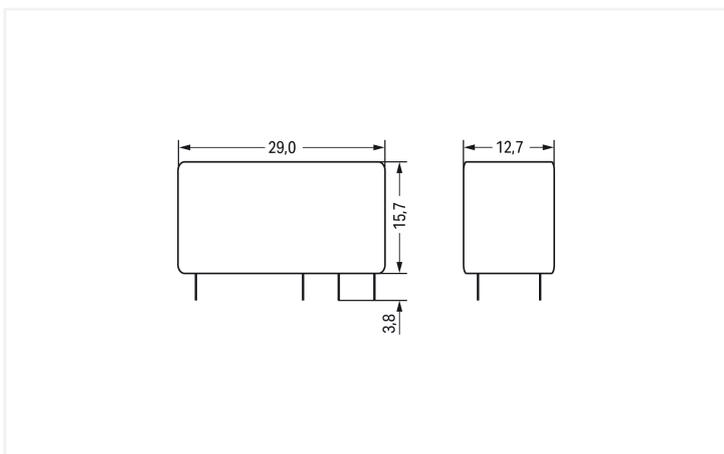
Data Sheet | Item Number: 788-164

Basic relay; Nominal input voltage: 60 VDC; 2 changeover contacts; Limiting continuous current: 8 A; Module width: 13 mm; Module height: 15 mm

<https://www.wago.com/788-164>



DC load limit curve



Dimensions in mm

Technical data

Control circuit

Nominal input voltage U_N	60 VDC
Nominal input current at U_N	7 mA

Load circuit

Number of changeover/switchover contacts	2
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	12.9 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)
PU (SPU)	20 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821867814
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
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant, No Exemption
SCIP notification number (Austria)	6af765fc-478b-4246-a2ec-b653bd3f2305
SCIP notification number (Belgium)	9f189530-fc50-4a7e-bd5c-e81b4b32dcd4
SCIP notification number (Bulgaria)	19fb2a11-b954-4a69-b70d-d91a25f09208
SCIP notification number (Czech Republic)	4c148f8b-029f-46bd-b62a-751b5da3f192
SCIP notification number (Denmark)	3c561f7a-01c5-4e0f-aa6c-14c576c55520
SCIP notification number (Finland)	91e722dc-d0c0-49b1-8c3f-da27a50181fd
SCIP notification number (France)	24e04f38-1b9d-4071-a05d-ad355ea01e45
SCIP notification number (Germany)	2ad7f63b-8f53-4eb1-97d0-f432645b6072
SCIP notification number (Hungary)	acf6b272-4d38-45e7-81f4-60cfb8ae2f38
SCIP notification number (Italy)	35a4aa6f-1601-497d-ab8b-c98cf53ebe66
SCIP notification number (Netherlands)	e8bf4db8-4edb-4d42-bb47-b5cfe5e79cdd
SCIP notification number (Poland)	d90c074b-b210-434a-b254-3d422702aefc
SCIP notification number (Romania)	d01c303a-7513-4330-9aed-e17d46aa1233
SCIP notification number (Sweden)	de6c0cb8-5f14-4902-a97e-a20052733d43

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance 788-164



Documentation

Bid Text			
788-164	19.02.2019	xml 3.59 KB	↓
788-164	20.02.2019	docx 15.56 KB	↓

CAD/CAE-Data

CAD data	
2D/3D Models 788-164	↓

CAE data	
WSCAD Universe 788-164	↓

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