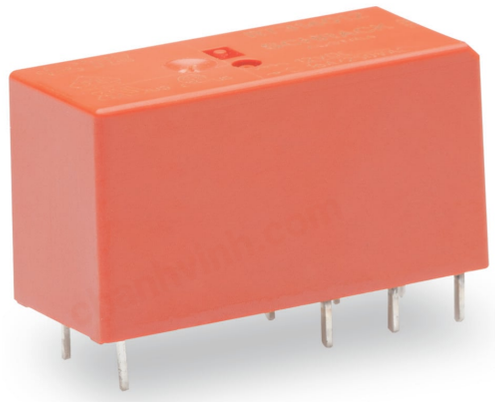
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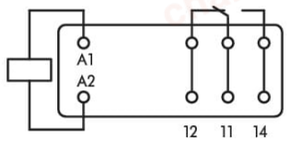
Data Sheet | Item Number: 788-178

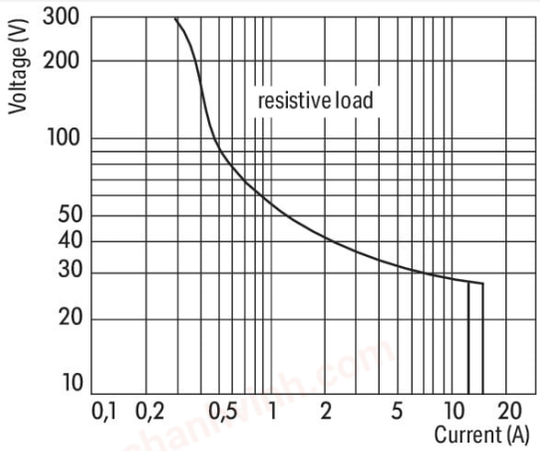
Basic relay; Nominal input voltage: 230 VAC; 1 changeover contact; Limiting continuous current: 16 A; Module width: 13 mm; Module height: 15 mm

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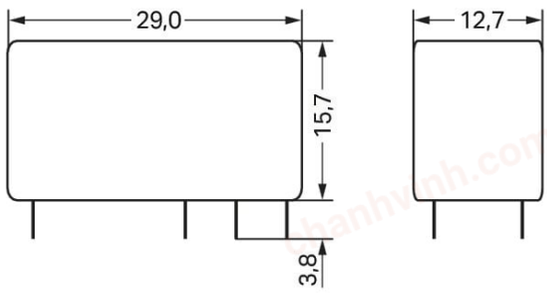


Similar to illustration





DC load limit curve



Dimensions in mm

Technical data

Control circuit

Nominal input voltage U_N	AC 230 V
Nominal input current at U_N	8 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.)	AC 250 V
Switching power (resistive) max.	AC 4000 VA; DC (see load limit curve)
Switching capacity	AC-15: 6 A / AC 250 V; DC-13: 2 A / DC 24 V
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}

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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

Fire load	0.198 MJ
Weight	13 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 8.0	EC001437
ETIM 7.0	EC001437
PU (SPU)	20 pcs
Packaging type	Box
Country of origin	AT
GTIN	4045454300746
Customs tariff number	85364900990

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Continued on next page

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Environmental Product Compliance

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Documentation

Bid Text

788-178	19.02.2019	xml 3.49 KB
788-178	20.02.2019	docx 15.26 KB

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 788-178	WSCAD Universe 788-178

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