



### Item description

To guarantee safe operation, residual voltages (due to the cable capacitance of long connection lines or leakage currents of semi-conductor switches and their protective circuits) must be lower than the release voltage of the relays.

For DC relays, the release voltage is specified with  $\leq 5\%$  of the nominal voltage; for AC relays, it is  $15\%$  of the nominal voltage (acc. to VDE 0435).

The relay may not reset if a high residual voltage exists. Depending on the reason for the residual voltage, changing the cable routing or a parallel connection of an RC element could remedy this situation.

## Data

### Technical Data

#### Operating data

Nominal operating voltage	230 VAC
Operating voltage	0 ... 230 VAC
Power consumption at $U_N$	7.2 mA (230 VAC; 50 Hz); 3.6 mA (115 VAC; 50 Hz)
Nominal mains frequency range	50 ... 60 Hz

#### Module's characteristics

Resistance	470 $\Omega$
Capacitance	100 nF

#### Safety and protection:

Degree of protection	IP20
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#### Geometrical Data

Width	15 mm / 0.591 inch
Height from the surface	15.7 mm / 0.618 inch
Depth	10 mm / 0.394 inch

#### Mechanical data

Type of mounting	Pluggable module
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#### Material Data

Weight	1.523 g
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#### Environmental Requirements

Surrounding air (operating) temperature at $U_N$	-25 ... 70 °C
Surrounding air (storage) temperature	-40 ... 70 °C

#### Standards and specifications

Standards/specifications	EN 60664-1
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## Commercial data

Country of origin	DE
GTIN	4050821583547
Customs Tariff No.	85366990990
Product Group	6 (Interface Electronics)

## Downloads

### Documentation

#### Bid Text

788-148 Zubehör Serie 788	Oct 6, 2014	DOC 26.6 kB	Download
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#### Additional Information

Disposal; Electrical and electronic equipment, Packaging	Oct 15, 2018	265.8 kB	Download
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Subject to changes.

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