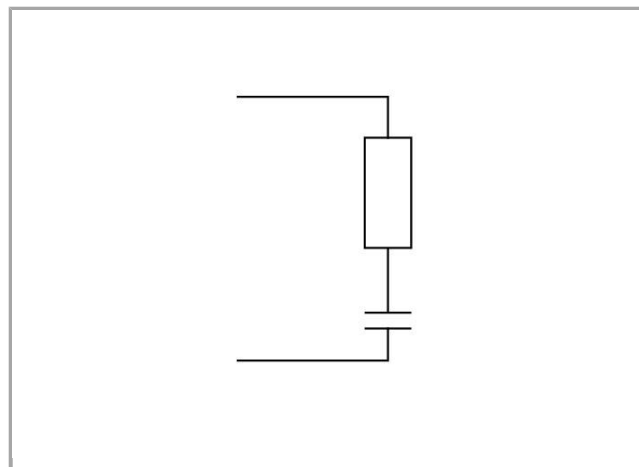


Data sheet | Item number: 788-148

Filter module; RC filter element; Nominal voltage: 230 VAC



788-148



RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)

Item description

Note:



- 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 (per 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

Control circuit

| | |
|--------------------------------|---|
| Nominal input current at U_N | 0 |
|--------------------------------|---|

Load circuit:

| | |
|------------------------|----------------|
| Min. switching current | 0 μ A |
| Drop-out time | $\leq 0 \mu$ s |

Operating data

| | |
|-------------------------------|--|
| Nominal operating voltage | AC 230 V |
| Operating voltage | AC 0 ... 230 V |
| 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 Ω |
| Capacitance | 100 nF |

Safety and protection:

| | |
|------------------|------|
| Protection class | IP20 |
|------------------|------|

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 |
|------------------|------------------|



Material Data

| | |
|-----------|---------|
| Fire load | 0MJ |
| Weight | 1.523 g |

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 |
|--------------------------|------------|

Commercial data

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

Downloads

Documentation

Bid Text

| | | | |
|------------------------------|-------------|----------------|----------|
| 788-148 Zubehör Serie 788 | Oct 6, 2014 | doc 26.6 kB | Download |
|------------------------------|-------------|----------------|----------|

Additional Information

| | | | |
|--|---------|-----------------|----------|
| Disposal; Electrical and electronic equipment, Packaging | V 1.0.0 | pdf 265.8 kB | Download |
|--|---------|-----------------|----------|

Subject to changes.