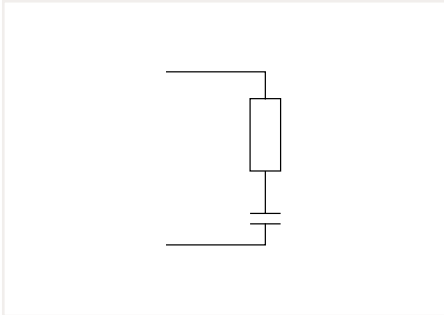


# Suppressor Module

## 788 Series



Suppressor Module; for miniature switching relays;  
Pluggable, for relay sockets (788 and 858 Series)

$U_N$	Item No.	Pack. Unit
110 ... 230 VAC	788-148	50

### 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.

### Operating Data

Nominal operating voltage	110 ... 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)

### Module Characteristics

Resistance	470 $\Omega$
Capacitance	100 nF

### Physical 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

Mounting type	Pluggable module
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### Material Data

Weight	1.5 g
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### Environmental Requirements

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

### Standards and Specifications

Standards/specifications	EN 60664-1
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