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

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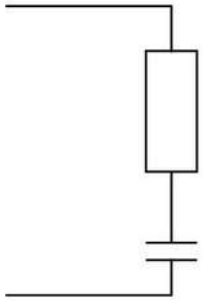

Item description

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 ≤ 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)

Module's characteristics

Resistance	470 Ω
Capacitance	100 nF

Safety and protection:

Degree of protection	IP20

Geometrical Data

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

Mechanical data

Type of mounting	Pluggable module

Material Data

Weight	1.523 g

Environmental Requirements

Permissible 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

Country of Origin	DE
GTIN	4050821583547
Product Group	6 (Interface Electronics)

Subject to changes.

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