

Relay Y3F-SS-124DM 24V DC/250V AC 10A, 4-pin

Reference: AM1873
EAN13: -
HS code: 85364190



Product attributes:

Product features:

Voltage: 24 V DC
Waterproof grade: IP65
Number of pins: 4-pin
Max. switching current: 10 A
Max. switching voltage: 250 V AC
Contact type: SPST-NO

Product description:

Y3F-SS-124DM is a compact power relay for PCB mounting designed for switching loads in power and control circuits. Thanks to the 24 V DC coil and NO contact, it is suitable for galvanic isolation of the control part from the switched part and for switching mains and low-voltage loads within the rated parameters.

Technical specifications

- Model: Y3F-SS-124DM
- Design: PCB mount relay, 4-pin
- Contact type: SPST-NO (1× normally open, NO)
- Coil control voltage: 24 V DC
- Coil consumption: 0.36 W
- Coil resistance: 1600 Ω
- Switching voltage: up to 250 V AC
- Max. switching current: 10 A
- Insulation resistance: $\geq 100 \text{ M}\Omega$ (typically at 500 V DC)
- Operating temperature: -40°C to +85°C
- Dimensions: 19.6 × 15.4 × 15.5 mm

Functions and features

- Galvanic isolation between coil and contact for safe control of the power section
- Compact dimensions suitable for dense PCB installation
- Simple load switching using NO contact (closes after voltage is applied to the coil)
- Suitable for switching resistive loads within rated parameters

Package contents

- 1× relay Y3F-SS-124DM

Safety notice

- There is a risk of electric shock when switching 230–250 V AC; only carry out installation and connection when the power supply is disconnected.
- Observe the insulation distances on the PCB and design the appropriate widths of the conductive paths for the switched current.
- For inductive loads (motors, coils, transformers), use appropriate protective elements (e.g. RC element, varistor, snubber) to limit overvoltage and contact burning.
- Do not exceed the rated voltage and current of the contacts; at higher temperatures and with inductive loads, it is necessary to consider reducing the load capacity.

