Relay Card
MC 75-441-R

- 4 channel relay card
- Galvanic isolation of input circuit from output circuit
- 230 VAC input
- Relay according to VDE 0435
- Printed circuit boards and connectors according to VDE 0110
- 4 relay outputs, each with one SPDT contact

The 4 channel MC 73-441-R relay provides isolation between contact and control circuit (8 mm/4 kV).

A carefully arranged layout of the printed circuit board ensures maximum clearances and creepage distances.

The relays operate with a 230 VAC input. The use of silver-alloy + 3 µm Au contacts enables the card to be used for large loads as well as general control applications.

4 LEDs on the front cover indicate the status of the respective relays.
**Couplers and Interface Devices**

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<th><strong>Type</strong></th>
<th><strong>MC 75-441-R/230VAC</strong></th>
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<td><strong>Ident-No.</strong></td>
<td><strong>90 770 01</strong></td>
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**Clearances and Creepage Distances**
- between control circuit and contacts: **8 mm/4 kV**

**Input Circuits**
- Input voltage: **184…264 VAC**

**Output Circuits**
- relay output
  - Contacts: 1 SPDT contact, silver-alloy + 3 µm Au, with snubber circuits
  - Switching voltage: ≤ 250 V
  - Switching current/continuous current: ≤ 2 A
  - Switching capacity: ≤ 500 VA/60 W
  - Switching frequency: ≤ 10 Hz

**LED Indications**
- Status indication: yellow

**Eurocard**
- Material: 100 x 160 mm (DIN 41494)
  - glass-fiber reinforced epoxy resin, quality class FR4
- Front panel: plastic, 4TE = 20.32 mm
  - individually interlocking
- Connection: connector per DIN 41612, type F, 32-pole
- Operating temperature: -25...+60 °C