The MC73-88-R is an 8 channel relay card that provides isolation between the contact and input circuit (8 mm/4 kV). Eight N.O. contacts on the outputs can switch 250 V/2 A each.

A carefully arranged layout of the printed circuit board ensures maximum clearances and creepage distances. A bridge rectifier is wired to the relay coils so the cards can work with either pnp (current sourcing), npn (current sinking) or with AC input devices. As contact material silver-alloy + 3 µm Au is used.

Eight LEDs located on the front cover indicate the status of the respective output relay.

- Eight relay outputs, each with one N.O. contact
- Isolation of input circuits from output circuits as per VDE 0106
- With bridge rectifier input
- Relay as per VDE 0435
- 8 mm clearances and creepage distances between contacts and input circuit
- Printed circuit boards and connectors as per VDE 0110
- Sealed relays with hard gold-plated contacts
### Couplers and Interface Devices

<table>
<thead>
<tr>
<th>Type</th>
<th>MC73-88-R/24VUC</th>
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<tbody>
<tr>
<td>Ident-No.</td>
<td>90 792</td>
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</table>

#### Clearances and Creepage Distances
- between control circuit and contacts: 8 mm/4 kV

#### Input Circuits
- **Input voltage**: 20.4...27.6 VUC
- **Power/Current consumption**: ≤ 30 mA per channel

#### Output Circuits
- **Contacts**: 1 N.O. contact, silver-alloy + 3 µm Au
- **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**: 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