The circuit-breaker card MC83-2SA is equipped with two thermally activated circuit-breakers. Two circuits with common or separate input and a common earth can be connected.

The unit is suitable for protection up to 250 VAC/5 A (primary side) and 28 VDC/5 A (secondary side). Combined operation of primary and secondary side is not permissible.

The tripping of a circuit-breaker will be monitored and fed to the output terminals (one SPDT output per channel).

Two green LEDs on the front panel of the card indicate when voltage is applied and fed to the output terminals.

Manual interruption of the circuits is possible via a toggle switch. The fuse monitor has options for nominal currents of 0.1...5 A (as indicated in the suffix of the type specification). Standard types are:

- MC83-2S/1A for 1 A
- MC83-2S/2A for 2 A
- MC83-2S/4A for 4 A

Other versions available upon request.
### Power Supplies and Monitors

<table>
<thead>
<tr>
<th>Type (Standard Types)</th>
<th>MC83-2SA/1A</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>MC83-2SA/2A</td>
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<tr>
<td></td>
<td>MC83-2SA/4A</td>
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</tbody>
</table>

**Ident-No.**
- MC83-2SA/1A: 90 890 10
- MC83-2SA/2A: 90 890 20
- MC83-2SA/4A: 90 890 40

**Circuit Breakers**
- **Nominal current**: 0.1...5 A
- **Voltage**: $\leq 250$ VAC / $\leq 28$ VDC

**Alarm Circuits**
- **1 SPDT contact per channel**
- **Switching voltage**: $\leq 250$ VAC / $\leq 36$ VDC
- **Switching current**: $\leq 1$ A

**LED Indications**
- **Power "ON"**: green (2 x)

**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 (series z+d)
- **Operating temperature**: -25...+60 °C