Datasheet

picoPak™ Relay Modules

picoPak™ relay modules are compact - just 6mm or 8mm wide - and ideal for control applications where rail space is limited. There are several versions to choose from and all mount on both 32mm and 35mm DIN rails.

Versions include:

**MC5R 1A:** Dual input voltages and a 1 form A (SPST-NO), 4A contact, 6mm wide. **CSA Class 1 Div 2 approved.**

**MC5R 1C:** 24Vdc input and a 1 form C (SPDT), 6A contact, 6mm wide.

**MC6R 1C:** Dual 24V and 120V input, 1 form C, 0.5A contact. Gold flashed contact, perfect for interfacing to PLC inputs.

**MC6R 1F:** 24V or 120V input and 1 form A, 5A contact. User serviceable fuse on output. 120V input version includes leakage immunity up to 1.5mA - perfect for use with PLC triac outputs.

Other features:
- combifoot for mounting on 32mm and 35mm DIN rails
- input status LEDs
- CSA approved
- optional jumper comb for cross connections
### Rated data

**AC Input**
- Nominal input voltage
- Guaranteed ON Voltage
- Guaranteed OFF voltage/current
- Nominal on time
- Nominal off time
- Nominal operating frequency

**DC Input**
- Nominal input voltage
- Guaranteed ON voltage
- Guaranteed OFF voltage
- Nominal on time
- Nominal off time
- Nominal operating frequency

**Output**
- Output current/voltage (CSA rating)
- Max. switch voltage
- Max. switch current
- Minimum switching voltage/current

**General**
- Operating life (rated load)
- Insulation input/output
- Contact material
- Storage temperature
- Operating temperature (non-condensing)
- Height to top of rail
- Length x width

<table>
<thead>
<tr>
<th>Model</th>
<th>AC Input</th>
<th>DC Input</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>MC5R 1A</td>
<td>12/24Vac</td>
<td>24Vac</td>
<td>4A, 30Vac, 6A, 30Vac</td>
</tr>
<tr>
<td>MC5R 1C</td>
<td>12/24Vac</td>
<td>24Vac</td>
<td>4A, 250Vac, 6A, 250Vac</td>
</tr>
<tr>
<td>MC6R</td>
<td>120Vac</td>
<td>24Vac</td>
<td>2A, 30Vac, 5A, 240Vac</td>
</tr>
<tr>
<td>MC6RF</td>
<td>120Vac</td>
<td>24Vac</td>
<td>0.5A, 125Vac, 0.5A, 125Vac</td>
</tr>
</tbody>
</table>

**Approvals**
- CSA, Class 1 Div 2
- Standard Gold Plated
- Cat.No. 790154 0000
- Cat.No. 790154 0000

**Ordering Data**
- Cat.No. 991059

**Accessories**
- End Plate (AP/DK6) 1.5mm
- MC5R 1A
- MC5R 1C
- MC6R
- MC6RF

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1) Other dual input voltage modules available-consult Weidmuller.
2) Fuse type: Wickmann type TE5

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Subject to technical change. Printed in Canada 499990255 - 12/01