Datasheet

HVDC Relay Module

The HVDC relay module is specifically designed for switching high DC voltage loads. Nominal battery voltages of 125Vdc and 250Vdc are often used by power generation companies as back-up supplies. A typical application for the HVDC is as an interposing relay between a PLC and an electromechanical contactor operated from the battery backup power.

Features
- up to 10A @125Vdc, 0.8A @250Vdc
- compact, only 40mm wide
- test button and mechanical indicator standard
- mounts on TS32 and TS35 DIN rails
- CSA approved
- accepts 12AWG wire

Minimum order quantities may apply
## HVDC Relay Module

### Rated data

#### Input
- Coil voltage: 24Vac/dc, 120Vac
- Impedance: 500Ω

#### Output
- Contact arrangement: 1 form A (SPST-NO)
- Material: AgCdO
- Ratings (operating life):
  - 10A@24Vac/dc (10⁵ operations)
  - 10A@120Vac/dc (10⁵ operations)
  - 10A@220Vac/dc (10⁵ operations)
  - 3.5A@125Vac/dc (10⁵ operations)
  - 10A@125Vac/dc (10⁴ operations)
  - 0.8A@250Vac/dc (10⁵ operations)

- Operating time: 15mS
- Release time: 10mS

#### General
- Operating temperature: -5°C to +50°C
- Wire size: 22-12AWG (0.5...2.5mm²)

#### Ordering data
- TS32/35 mounting (Y/W)
- Other coil voltage available upon request, min. quantities may apply.

### Dimensions
- Length: 70mm
- Width: 40mm
- Height: 100mm

### Note:
 Relay supplied can be Carlo Gavazzi RCP or Finder 60.13

---

<table>
<thead>
<tr>
<th>Cat.No.</th>
<th>9906310000</th>
<th>9906380000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>70mm</td>
<td>70mm</td>
</tr>
<tr>
<td>Width</td>
<td>40mm</td>
<td>40mm</td>
</tr>
<tr>
<td>Height</td>
<td>100mm</td>
<td>100mm</td>
</tr>
</tbody>
</table>