

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		Output	
Coil voltage	24Vac/dc		120Vac
Impedance	500Ω		10kΩ
Output		Output	
Contact arrangement	1 form A (SPST-NO)	Contact arrangement	1 form A (SPST-NO)
Material	AgCdO	Material	AgCdO
Ratings (operating life)	10A@24Vdc (10 ⁵ operations)	Ratings (operating life)	10A@24Vdc (10 ⁵ operations)
	10A@120Vac (10 ⁵ operations)		10A@120Vac (10 ⁵ operations)
	10A@220Vac (10 ⁵ operations)		10A@220Vac (10 ⁵ operations)
	3.5A@125Vdc (10 ⁵ operations)		3.5A@125Vdc (10 ⁵ operations)
	or		or
	10A@125Vdc (10 ⁴ operations)		10A@125Vdc (10 ⁴ operations)
	0.8A@250Vdc (10 ⁵ operations)		0.8A@250Vdc (10 ⁵ operations)
Operating time	15mS	Operating time	15mS
Release time	10mS	Release time	10mS
General		General	
Operating temperature	-5°C to +50°C	Operating temperature	-5°C to +50°C
Wire size	22-12AWG (0.5...2.5mm ²)	Wire size	22-12AWG (0.5...2.5mm ²)

Ordering data

TS32/35 mounting (ㄩ / ㄩ)	Cat.No.	Cat.No.
Other coil voltage available upon request, min. quantities may apply.	9906310000	9906380000

Dimensions

Length	70mm	Length	70mm
Width	40mm	Width	40mm
Height	100mm	Height	100mm

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

