

# R1HV Module

## TORCH CONTACT VOLTAGE READING MODULE

R1HV is a module, mountable on a standard DIN rail, that works as an optocoupled contact with arc tension effective insulation.

The board provides an optocoupled power supply to power the torch contact reading circuit, a two point input to read the ohmic contact that is optoinsulated and made available on a pin as an output for the CNC.

Three groups of spring-cage connectors are provided for connection:

- 2 terminals for 24 V power supply,
- 2 terminals for torch contact,
- 2 terminals for output connection.

## Technical specifications

Dimensions (H x W x D)	88 x 65 x 60 mm
Mounting	Standard DIN rail
Power supply	24 V (18 – 36 V)
Insulation	1000 V
Power consumption	10 mA
Input stage power consumption	2 mA
Digital input channels	1, torch contact
Digital output channels	1
Marking	CE
Operating temperature	0 – 55 °C
Storage temperature	-20 – 85 °C
Warehousing humidity	Max 95% non-condensing

