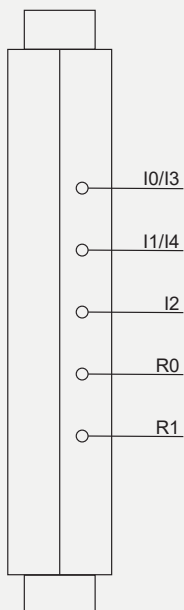


Main features

- ✓ Configurable as dry or wet contact
- ✓ Input activation via external 0-24 VDC or internal ± 12 VDC power supply
- ✓ Working modes: input, pulse counter and pulse width time counter
- ✓ Maximum activation current of the relays of 6 A

Description

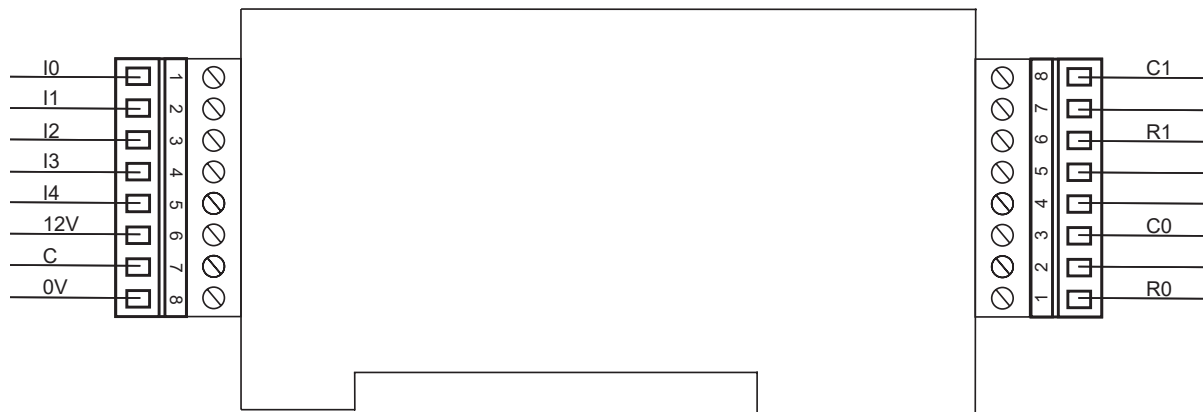
Module of 5 galvanically optoisolated 0-24 VDC digital inputs. Each register takes up 32 bits (4 bytes) which means a counting capacity of 4,294,967,295 pulses. These inputs can work as input reading, pulse counter or pulse width time counter. Each input can be activated via external 0-24 VDC or internal ± 12 VDC power supply. In addition, this module presents 2 relay outputs to control contactors up to 6 A.



LEDs

LED N°	Name	Description
I0/I3	Input 0/3	Input 0 activated: Blue Input 3 activated: Green Input 0 and 3 activated: White
I1/I4	Input 1/4	Input 1 activated: Blue Input 4 activated: Green Input 1 and 4 activated: White
I2	Input 2	Input 2 activated: Blue
R0	Relay 0	Activated: Blue Not activated: None
R1	Relay 1	Activated: Blue Not activated: None

Connection diagram



Technical features

Category	Parameters	Value
Power circuit	Consumption	1 W (max.)
Environmental conditions	Operating temperature	-25...50 °C
	Relative humidity	5...95 %
	Maximum working altitude	2000 m
Mechanical characteristics	Enclosure material	UL 94 polycarbonate - Self-extinguishing VO
	Protection grade	IP20 (assembled)
	Dimensions (Width x High x Length)	17,5 x 88,5 x 48 mm (1 DIN rail module)
	Weight	70 g
	Mounting	DIN rail 46277 (EN 50022)
	Connectors	Pluggable terminals, max. wire section 1,5 mm ²
Electrical and safety features	Electric shock protection	Double insulation class II (assembled)
	Insulation	3 kVac
	Installation category	CAT III 300 V (assembled)
Digital inputs	Type, number and voltage	5 digital inputs 0-24 Vdc
	Isolation	Galvanically optoisolated
	Minimum voltage and current	0 Vdc / 160 uA
	Maximum voltage and current	30 Vdc / 12 mA
	Input sensitivity	0-7 Vdc: 0; 8-30 Vdc: 1
	Minimum pulse duration	1 ms
	Counters	5 counters of 32 bits / Freq. max 250 Hz
Relay outputs	Type	NO
	Max. operating parameters	6A, 250VAC, cos=1, 70°C
User interface	LEDs	5 leds