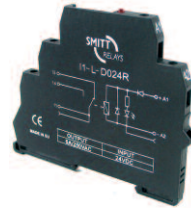


GENERAL PURPOSE / INTERFACE RELAYS

- AC, DC or AC/DC coil
- Small size: 93.8mm x 6.2mm x 80.0mm

We offer three designs:

- I1-L ELECTROMECHANICAL relay
6 A / 250 V (AC1),
- I1-T TRIAC output for load up to
1.2 A / 400 V AC,
- I1-OC TRANSISTOR for DC load
0.5 A / 70 V DC.



Contact Specifications

Contact Configurations	SPDT	SPDT	SPDT
Rated Current	6 A	1.2 A	500 mA
Rated Voltage (DC)	12V, 24V, 36V	5...32V	5...32V
Rated Voltage (AC)	90...230V	N/A	N/A
Rated Voltage (AC/DC)	24V, 230V	24V, 230V	24V, 230V
Rated Load	6A @ 250VAC; 6A @ 24 VDC	1.2 A @ 400 VAC	500 mA @ 70 VDC
Min Switching Current	8 mA @ 24 V	8 mA	1 mA
Contact Material	AgSnO ₂	AgSnO ₂	AgSnO ₂

Coil Specifications

Rated Voltage (DC)	12, 24 V*	5...32 V	5...32 V
Rated Voltage (AC)	24, 110, 230	24-230 V	24-230 V
Power Consumption	0.3...1.8 VA 0.3...1.0W 0.3...1.8 W/VA	0.3W@24 VDC 0.3 W@24 VAC/DC 1.6W/VA@230 VAC/DC	0.3W@24 VDC 0.3W/VA@24 VAC/DC 1.0W/VA@230 VAC/DC

General Data

Mechanical Life Cycles	2 x 10 ⁷	2 x 10 ⁷	2 x 10 ⁷
Electrical Life Cycles	10 ⁵	10 ⁵	10 ⁵
Operate/Release Time (ms)	7(AC) 6(DC) / 15(AC) 8(DC)	10/10	10/10
Insulation Between Coil & Contacts	4kV	4kV	3kV
Insulation Between Open Contact	1kV	600 VAC	600 VAC
Ambient Temperature Range	-40 to 55°C	-40 to 55°C	-40 to 55°C

Accessories

Jumper Links, 20 pole	- red	I1C-20RD	I1C-20RD	I1C-20RD
	- black	I1C-20BK	I1C-20BK	I1C-20BK
	- blue	I1C-20BL	I1C-20BL	I1C-20BL

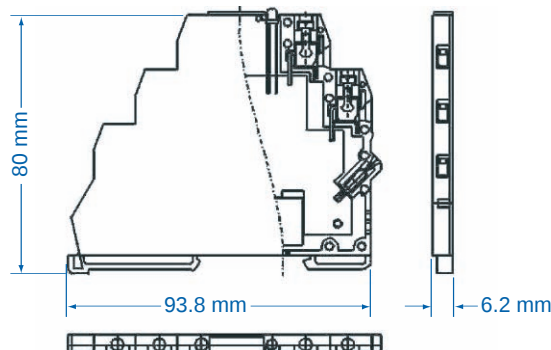
Ordering Codes	I1-L Series
	I 1 L [] [] [] [] R
Coil Codes D012 = 12VDC D024 = 24VDC A230 = 230VAC U024 = 24VAC/DC U110 = 110VAC/DC U230 = 230VAC/DC <i>Other coil voltages on request.</i>	

Ordering Codes	I1-T Series
	I 1 T [] [] [] [] R
Coil Codes D032 = 5...32VDC U024 = 24VAV/DC U230 = 230VAC/DC <i>Other coil voltages on request.</i>	

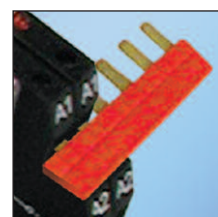
Ordering Codes	I1-OC Series
	I 1 O C [] [] [] [] R
Coil Codes D032 = 5...32VDC U024 = 24VAV/DC U230 = 230VAC/DC <i>Other coil voltages on request.</i>	

Dimensions

All dimensions are in millimeters.
To convert to inches, divide by 25.4.



I1C-20RD (red)
I1C-20BK (black)
I1C-20BL (blue)



Shown with
jumper accessory.

NOTE:

Detailed specification sheets are located at
www.altechcorp.com