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Electro-Mechanical Slim Relay » 1 Change Over ReTU



6.2MM RELAY TERMINAL UNIT





'elmex' introduces 6.2 mm relay terminal unit for C & I and automation industry. 6.2 mm housing makes it obvious choice for space constraint application. 'elmex' relay terminal unit is designed to implement 1 form C and 1 form A relay contacts. These units are designed for mounting on TS 35 TOP HAT rails compliant to DIN standards.

These units are available for **24V DC/AC** and **220 V DC/AC** actuating signals

Features

- 6.2 mm wide housing made from polyamide 6,6 complying flammability characteristics as per UL 94.
- Conductor clamping unit is positioned at 20 degrees for ease of control wire entry with minimum spacing between unit and cable ducts.
- Relay terminal unit comes with an actuating arm to facilitate detaching of relay from the terminal unit and functions also for retaining relay within housing when in operation.
- Relay terminal unit is designed for both AC and DC system.
- 70 μ copper clad PCB is housed within the unit.
- Polarity independent coil connection.
- Quick connection shorting link for interconnecting multiple relay terminal unit specially for marking common coil/ pole connection.



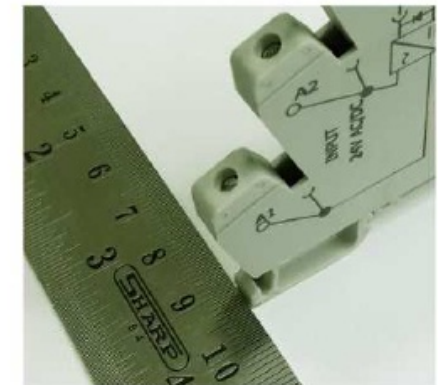
Relay Coil Energised Indication



Quick Connect Links



Lever For Detaching Relays



Slick Design

Rating

Versions

SR 24 V ADC 1 CO

SR 240 V ADC 1 CO

Base Unit

Pitch (in mm)	6.2
Dimensions (Height X Width)(in mm)	91.5 X 88.2
Connection Points	2 Coil Side 3 Contact Side
Connection Possibility	2.5 Sq. mm.
Screw Size	M2.6
Torque	0.4 Nm

Relay Actuation Data

Nominal Voltage(Vn) to actuate	24 V DC/AC	220 V DC/AC
Must Pick-up Voltage	18 V DC/AC	190 V DC/AC
Must Drop Voltage	4 V DC/AC	35 V DC/AC
Nominal Current(In) to actuate	10 mA	15 mA

Contact Data

Contact Rating	6 A, 250 V AC / 30 V DC
Compatible Contact Arrangement	1 FORM A, 1 FORM C
Contact Material	AgSnO2, AgNi
Contact Resistance	100 mΩ @ 6 VDC, 1 A
Maximum Switching Power	1500 VA / 144 W

Product Endurance Data

Mechanical

Minimum 10 X 10⁶ Operations

Mechanical	Minimum: 10×10^6 Operations
Electrical (Resistive)	Minimum: 50×10^6 for Normally Open Contact Minimum: 30×10^6 for Normally Close Contact

Insulation

Resistance(Initial)	Minimum 1000 MΩ at 500 VDC
Dielectric Strength	1000 VAC (50 Hz.) for 1 Minute

Others

Operating Temperature	-20°C to 55°C
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Applications

