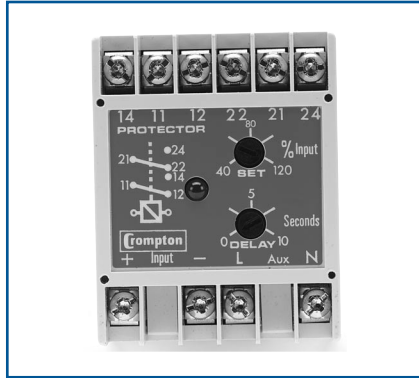
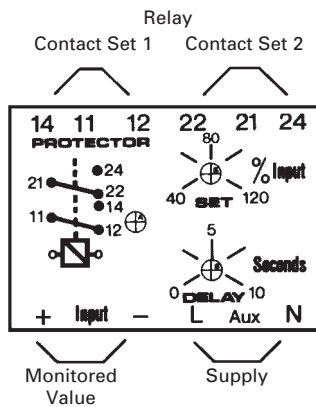


250 Series DIN Rail and Wall Mounted Relays

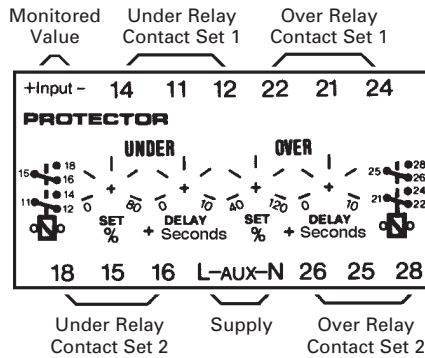


Connections

252-PBB
252-PBA



253-PBV

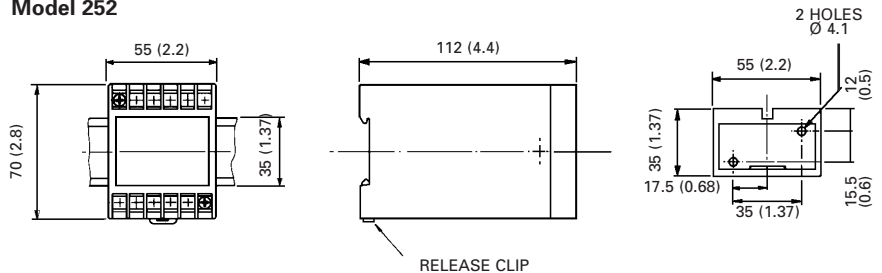


Specification – DC Transducer Trip

Nominal Input Current DC	0-1mA, 0-5mA, 0-10mA, 0-20mA, 4-20mA. Volt drop 1V
Nominal Input Voltage DC	1V to 50V, input resistance 10kΩ/V
Voltage Burden	3VA maximum
Overload	1.2 x rating continuously, 1.5 x rating for 10 seconds
Set Point Repeatability	>0.5% of full span
Differential (Hysteresis)	Preset at 1%. Values 1% to 15% available on request
Trip Level Adjustment	Low trip: 0 to 80% High trip: 40 to 120%
Time Delay Adjustable	0 to 10 seconds
AC Auxiliary Supply Voltage	100V, 110V, 120V, 208V, 220V, 240V, 480V, ±20%
DC Auxiliary Supply Voltage	12V, 24V, 48V, 110V or 125V, ±15%. Max ripple 15%
Auxiliary Voltage Burden	4VA (max)
Output Relay	Double pole change over
Relay Contact Rating	AC: 240V 5A, non inductive DC: 24V, 5A resistive
Relay Mechanical Life	0.2 million operations at rated loads
Relay Reset	Automatic
Operating Temperature	0°C to +60°C (0°C to +40°C for UL models)
Storage Temperature	-20°C to +70°C
Temperature Co-efficient	0.05% per °C
Interference Immunity	Electrical stress surge withstand and non-function to ANSI/IEEE C37 90a
Enclosure Style	DIN rail with wall mounting facility
Material	Flame retardant polycarbonate/ABS
Enclosure Integrity	IP50
Compliant With	EMC, LVD, Safety Standard IEC 414 UL File No: E113067 recognized up to 600V CSA File No: LR52592 up to 240V AC
Model 252 Dimensions	55mm (2.2") wide x 70mm (2.8") high x 112mm (4.4") deep
Model 253 Dimensions	75mm (2.9") wide x 70mm (2.8") high x 112mm (4.4") deep
Weight	Model 252: 0.4Kg approx. Model 253: 0.6Kg approx

Dimensions

Model 252



Model 253

