



70 x 90mm

Features:

- Under, Over, Dual speed
- 2 Relays output
- RPH, RPM, RPS ranges
- Scalable Input, Auto ranging

Certifications:

Display Specifications

Display	4 Digits, 7 Segment LED Height of Display : 11mm
LED Indication	R1 : Relay 1 ON for Under speed R2 : Relay 2 ON for Over speed

Input Specifications

Sensor Type	NPN
Input Type	5 to 30V DC from proximity switches, encoders, solid state devices, relays, potential free contacts
Set Points	2 (Under & Over Speed Set Points)
Accuracy	Rate : 0.05%
Scale Factor	0.001 to 9.999 x 10 ⁿ n= -3, -2, -1, 0, 1, 2

Functional Specifications

Range	Auto ranging, RPH, RPM or RPS
Operating Modes	Under-speed, Over-speed, Dual-speed
Memory Retention	10 years

Output Specification

Relay Contact	2 Relays, 1 C / O each rated 5A @ 230V AC / 24V DC
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Auxiliary Supply Specifications

Supply Voltage	90 to 270V AC / DC
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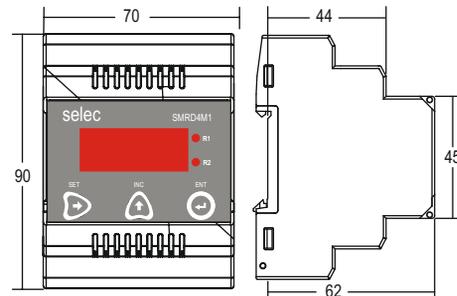
Environmental Specifications

Temperature	Operating : 0 to 55°C Storage : -20 to 75°C
Humidity (non-condensing)	95% RH
Protection	IP20

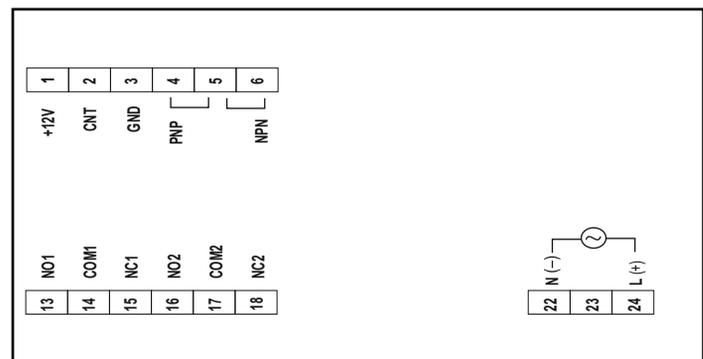
Mechanical Specifications

Mounting	Din Rail
Weight	196gms

Dimensions



Terminal Connections



Compliance

Applicable EMI / EMC Standards		
Product Standard : IEC 61326-1		
Category		Standards Compliance
ESD Immunity	IEC 61000-4-2	Level III
Surge Immunity	IEC 61000-4-5	+/- 2kV common mode, +/- 1kV differential mode.
Radiated Susceptibility	IEC 61000-4-3	Level III, 80 to 1000MHz Level II, 1.4GHz to 2GHz Level I, 2GHz to 2.7GHz
Conducted Susceptibility	IEC 61000-4-6	Level II
Voltage Dips and Interruptions	IEC 61000-4-11	Dips : 0% residual voltage / 1 cycle (Criteria B), 40% residual voltage / 10 cycles 50Hz / 12 cycles 60Hz (Criteria C) 70% residual voltage / 25 cycles 50Hz / 30 cycles 60Hz (Criteria C) Interruptions : 0% residual voltage / 250 cycles 50Hz / 300 cycles 60Hz (Criteria C)
Conducted Emission	CISPR-11	
Radiated Emission	CISPR-11	
Electrical Fast Transient	IEC 61000-4-4	Level III

Ordering Information

Product Code	Supply Voltage	Certification
SMRD4M1-2-U-CE	90 to 270V AC/DC	CE