



Features

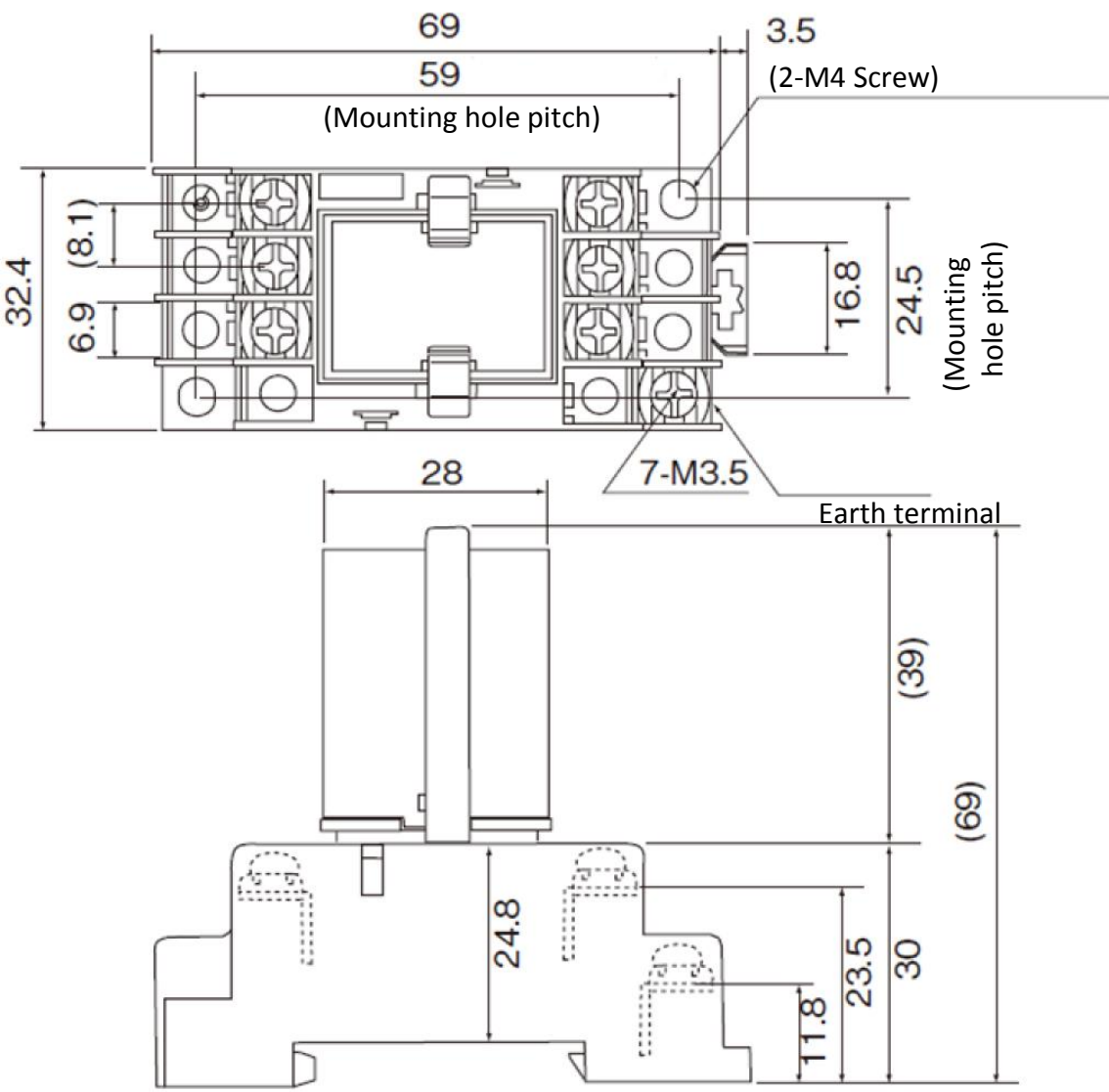
- ★ SPD (Surge Protective Device) for RTD (Pt100Ω) and potentiometer
- ★ Comply with IEC 61643-21 protection category C2, D1 (C2 : 8/20μs 10kA, D1: 10/350μs 5kA)
- ★ DIN Rail installation
- ★ Easy maintenance by plug-in structure.
- ★ Materials prohibiting use of hazardous substances

Ordering code

WPD - **SEN** - 0

Series	Use	Suffix	Description
WPD			SPD
	SEN		For 3-wire signal (RTD (Pt100Ω) / potentiometer)
		0	Standard

Dimensions



Specifications

Rated input voltage	5Vdc
Max. Continuous operating voltage	24Vdc
Rated Current (Maximum load current)	250mA
Impulse Durability	C2 (8/20μs) : 10kA 10 times D1 (10/350μs) : 1kA 2 times
Voltage protection Level (Up)	L-L : ≤45V L-E : ≤400V
Impulse reset	30ms or less
AC Durability	5 times (60Hz 0.5A 1sec)
Overstressed fault Mode	mode 2
Internal series resistance	2.2Ω ±1%
Internal resistance temperature coefficient	±200ppm/°C
Typical capacitance	L-L : ≤30pF L-E : ≤10pF
Current leakage	L-L : ≤10μA
Insertion loss	1.5dB
Transmission frequency	DC~4MHz
Response time	L-L : ≤3ns L-E : ≤0.1μs
Operation start voltage	L-L : ≥8V
Discharge start voltage	L-E : ≥150V
Limit voltage (Maximum line voltage)	L-L : 16V
Operating temperature & humidity range	-20 to +60°C, 5 to 95%RH
Mounting	DIN rail or wall surface
Recommend tightening torque	1.8N·m to 2.0N·m
Dimensions	69(H) X 32.4(W) X 69(D)mm
Weight	Approx. 70g
Test classification	IEC 61643-21 protection category C2, D1 (C2 : 8/20μs 10kA, D1: 10/350μs 5kA)

* Specification is subject to change without notice