

Technical Characteristics

Environmental Characteristics

Characteristics		Value
Conforming to standards		● IACS E10 ● EN 61326-1 ● CSA C22.2 ● IEC/UL 61010-2-201 ● IEC 61000-6-2 Ed.2
Certification		●  and C-Tick marking ● UL ● CSA
Ambient temperature	Storage	-40 °C to +85 °C (104–185 °F)
	Operation	-10 °C to +55 °C (14–131 °F) (on the front panel)
Relative humidity	Conforming to IEC/EN 60068-2-78	Four days, 40 °C (104 °F), 93% RH, energized
Protective treatment	Conforming to IEC/EN 60068-2-30	Six cycles of 24 hours, 25/55 °C (77/131 °F), 95% RH, energized
Pollution		3
Corrosive atmosphere	Conforming to IEC 60068-2-60	Four gases (H ₂ S, SO ₂ , NO ₂ , Cl ₂)
Level of pollution	Access to hazardous parts and water penetration	IP53 (splashing outside the protective cover)
	Conforming to IEC/EN 60947-1 and IEC/EN 60529	IP2x (connectors)
	Conforming to IEC 62262/EN 50102	IK05 (external mechanical impacts)
Flame resistance	Conforming to IEC/EN 60947-1 and IEC/EN 60695-2-11	● 650 °C (1,202 °F) 30 s/30 s on de-energized insulating parts ● 960 °C (1,760 °F) 30 s/30 s on de-energized insulating parts
	Conforming to UL94	V0

Mechanical Characteristics

Characteristics		Value
Degree of protection of the installed module		● Part projecting beyond the escutcheon: IP4x ● Other module parts: IP3x ● Connectors: IP2x
Shock resistance	Conforming to NF EN 22248 (free fall, in packaging)	H = 90 cm (35.4 in)
	Conforming to IEC 60068-2-27	15 g (0.53 oz)/11 ms 1/2 sinusoidal
Resistance to sinusoidal vibration	Conforming to IEC/EN 60068-2-6	1 g (0.035 oz)/5-150 Hz