module-FX3U-32MT/DS

URL:https://www.sxplc.com/module-fx3u-32mt-ds

Product data sheet

General specifications			
Ambient temperature			
Ambient humidity			
Vibration resistance	Installed on DIN rail	Frequency: 10 to 57 Hz	
		Frequency: 57 to 150 Hz	
	Direct installing	Frequency: 10 to 57 Hz	
		Frequency: 57 to 150 Hz	
Shock resistance			
Noise resistance			
Dielectric withstand voltage			

Insulation resistance	
Grounding	
Working atmosphere	0 to 55°C (32 to 131°F) when operating and -25 to 75°C (-13 to 167°F) when stored
Working altitude	5 to 95%RH (no condensation) when operating
	Half amplitude: 0.035mm Sweep Count for X, Y, Z: 10 times (80 min in each direction) The criterion is shown in IEC61131-2.
	Acceleration: 4.9 m/s2 Sweep Count for X, Y, Z: 10 times (80 min in each direction) The criterion is shown in IEC61131-2.
	Half amplitude: 0.075 mm Sweep Count for X, Y, Z: 10 times (80 min in each direction) The criterion is shown in IEC61131-2.
	Acceleration: 9.8 m/s2 Sweep Count for X, Y, Z: 10 times (80 min in each direction) The criterion is shown in IEC61131-2.
	147 m/s2 Acceleration, Action time: 11 ms, 3 times by half-sine pulse in each direction X, Y, and Z The criterion is shown in IEC61131-2.
	By noise simulator at noise voltage of 1,000 Vp-p, noise width of 1 ?s, rise time of 1 ns and period of 30 to 100 Hz

Perform dielectric withstand voltage test at the following voltage between each terminals and the main unit ground termi Between power supply terminal (DC power supply) and ground terminal: 500 V AC for 1 min Between output terminal (transistor) and ground terminal: 500 V AC for 1 min
Perform insulation resistance test at the following voltage between each terminals and the main unit ground terminal. Between power supply terminal (DC power supply) and ground terminal: 5 M? or higher by 500 V DC insulation resistance Between output terminal (transistor) and ground terminal: 5 M? or higher by 500 V DC insulation resistance tester
Class D grounding (grounding resistance: 100 ? or less) (Common grounding with a heavy electrical system is not allowed) Ground the PLC independently or jointly.
Free from corrosive or flammable gas and excessive conductive dusts
2000 m or less Do not use the PLC under pressure higher than the atmospheric pressure. Doing so may damage the PLC.