

Optional Accessories NSBon-xx

NSBon-29/ NSP-121PGi

Lightning and Surge protection of Ethernet ports

- ✓ Compact design
- ✓ Waterproof RJ45 connectors
- ✓ Gigabit Ethernet 10/100/1000-BaseT
- ✓ PoE 802.3af/ 3at /3bt/ 60W/ 95W

NSBon-29/ NSP-121PGi is a surge protector keeping any IP devices with Ethernet 10/100/1000Base-T interface safe from lightning strike and other forms of electrical interference such as power surges and spikes over networking cables. The devices support PoE transmission in accordance with 802.3af/3at/3bt and 60W/ 95W UPoE recommendations, regardless of the transmission method, as well as passive PoE. It protect all eight wires of networking cable including PoE.

NSBon-29 is classified as harden-graded surge protector operating between -40°C and 85°C under harsh weather conditions and plug-and-play surge protector defending the surge up to 16KV. It has IP67/IK10 rated metal enclosure to protect outdoor IP devices such as IP cameras and wireless APs. The device should be installed immediately adjacent to outdoor IP cameras.

Technical Data

Maximum Operation DC Voltage: 60VDC	1 port 10/100/1000Base-T + PoE (802.3at/3af // 60W/ 95W UPoE)
Impulse Discharge Current (8/20us) line-ground: 8 kA	Mounting: Wall and pole-mounted options
Impulse Discharge Current (8/20us) line-line: 1 kA	Operating Humidity: 5% ~ 95% non-condensing
Common Mode Protection Level (10/700us): 20KV	Operating Temperature: -40 to +85°C
Differential Mode Protection Level (10/700us): 4KV	Weatherproof Housing IP67/IK10, Waterproof RJ45 connectors
Response Time: 5ns	Dimensions: 32x50x186 mm; Weight: 0.27 kg



Ordering Information

NSBon-29	Lightning and surge protection of 1x 10/100/1000Base-T Ethernet port + PoE 802.3af/3at/3bt, Weatherproof
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