



Fischer Custom Communications, Inc.

Surge CDN Specification Table

Model	Coupling Mode	Maximum Telecom Operating Speed	Maximum Operating Voltage and Current	Maximum Surge Test Current	Maximum Surge Test Voltage	Isolation Network Isolation	Size
F-030814-1004-2	Common mode to 2, 4, or 8 wires. (Pair 1, Pairs 1 and 2, or all Pairs as per TIA 568A with respect to SCDN chassis	1000BaseT	Max DC Voltage: 65 volts Max DC Current: 1 ampere rated for Power Over Ethernet	75A nominal for all 8 wires combined 1.2 x 50us/ 8 x 20 us waveform as per EN 61000-4-5	2kV (1.2 x 50us) waveform as per EN61000-4-5	50dB minimum *	Length: 40cm Width: 23cm Height: 24cm
F-030814-1004-4	Common mode to 2, 4, or 8 wires. (Pair 1, Pairs 1 and 2, or all Pairs as per TIA 568A with respect to SCDN chassis	1000BaseT	Max DC Voltage: 65 volts Max DC Current: 1 ampere rated for Power Over Ethernet	150A nominal for all 8 wires combined 1.2 x 50us/ 8 x 20 us waveform as per EN 61000-4-5	4kV (1.2 x 50us) waveform as per EN61000-4-5	50dB minimum *	Length: 40cm Width: 23cm Height: 24cm

* Both voltage and current for a wide range of EUT and AE voltage and current load configurations.