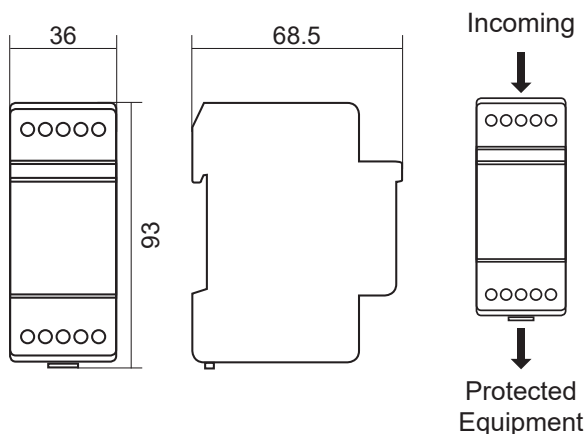


CAT.6 / Power Over Ethernet Surge Devices

DIN Rail Mountable Device



Part No. SY4-POE



- Type 3 Surge Protection Device for Power Over Ethernet
- Maximum 1A current capacity
- Suitable for Cat 6 cable
- Din rail mountable
- Earthing terminal provided on both sides
- Combined arrester handles Lightning & Surges
- Combined Category D, C, B tested device to BSEN61643
- Suitable to protect twisted pair Ethernet networks, including Power over Ethernet (POE)
- Power over Ethernet IEEE 802.3 compliant (up to PoE++ / 4PPoE)
- RJ45 connections
- Connects in series with the network cable near to where it enters or leaves the building
- Suitable for systems signalling on up to eight wires of either shielded or unshielded twisted pair cable
- Allows protected equipment to continually operate without disturbances
- Very low let through voltage / enhanced protection on all lines
- Low in line resistance means no impairing of signal strength

Nominal voltage	U _n	48V DC
Maximum continuous operating voltage	U _c	57V DC
Nominal discharge current (80/20)	I _n	3kA
Maximum discharge current (80/20)	I _{max}	5kA
Voltage protection level Line-Line	U _p	≤180V
Voltage protection level Line-PG	U _p	≤600V
Nominal current	I _L	1A
Capacitance Line-Line	C	≤30pF
Operating temperature range		-20 to +65°C
Connection (input/output)		RJ45 socket
Mounting		35mm Din Rail
Degree of protection		IP10
Max. transmission rate		1000 Mbps

