

# SY4-POE Data Sheet

## POE Data Signal SPD

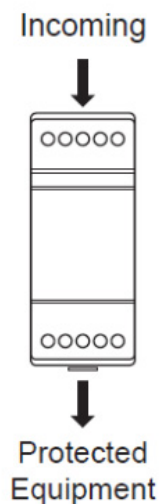
**SURGE**  
PROTECTION DEVICES  
LTD



- Combined category D, C & B to BS EN 61643-21
- Suitable for Cat 5 and Cat 6 cable
- POE IEEE 802.3 compliant
- Combined lightning and surge protection
- Suitable up to eight wires of twisted pair cable
- No impairment of signal strength
- Din rail mountable
- RJ45 connections on input & output



SCAN THE QR CODE FOR THE  
**INSTALLATION  
INSTRUCTIONS**



Technical Data	SY4-POE
Nominal Voltage - $U_n$	48V
Nominal Current - $I_n$	1A
Nominal Discharge Current 8/20 $\mu$ s - $I_n$	3kA
Maximum Discharge Current 8/20 $\mu$ s - $I_{max}$	5kA
Voltage Protection Level L-L - $U_p$	$\leq 180V$
Voltage Protection Level L-PE - $U_p$	$\leq 600V$
Response Time - $t_a$	$\leq 1ns$
Maximum Transmission Rate	1000 Mbps
Capacitance - C	$\leq 30 PF$
Input/Output Connections	RJ45
Operating Temperature	-20°C to +65°C
Mounting On	35mm DIN rail

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