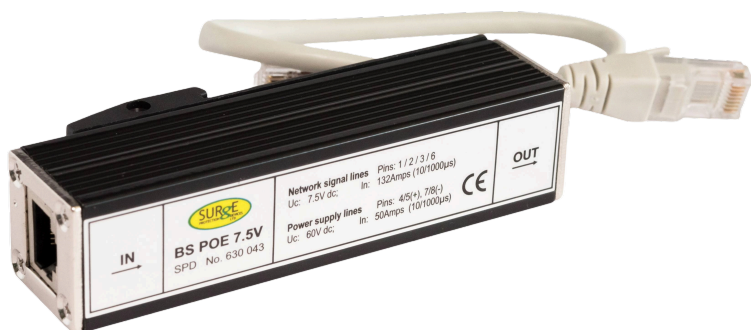


630043 Data Sheet

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
- Very low let through voltage
- RJ45 connections on input & output



SCAN THE QR CODE FOR THE
INSTALLATION INSTRUCTIONS



Technical Data	630043	
	RJ45	Power line
Nominal Voltage - U_n	5V	48V
Maximum Continuous Voltage - U_c	7.5V	60V
Lightning Impulse Current 10/350 μ s - I_{max}	0.5kA	0.5kA
Nominal Discharge Current 8/20 μ s - I_n	2kA	2.5kA
Peak Pulse Current 10/1000 μ s	132A	50A
Voltage Protection Level - U_p	$\leq 60V$	$\leq 200V$
Response Time - t_a	$\leq 1ns$	$\leq 25ns$
Protection Lines	1/2/3/6	4/5 (+) 7/8 (-)
Maximum Transmission Rate - V_s	100 Mbps	
Bandwidth - f_c	165 MHz	
Input/Output Connections	RJ45	
Operating Temperature	-40°C to +80°C	