

# SP30 Data Sheet

## 20mA Data Signal SPD

**SURGE**  
PROTECTION DEVICES  
LTD



- Compliant to BS EN 61643-21
- Suitable for 2 pair data signals
- Slim space-saving design
- Pluggable replacement modules
- Combined lightning and surge protection
- Din rail mountable, with integrated earthing
- Extremely low let through voltage
- Maximum cable size 2.5mm



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



Technical Data	SP30
Nominal Voltage - $U_n$	30V
Nominal Current - $I_n$	1A
Lightning Impulse Current 10/350 $\mu$ s - $I_{imp}$	4kA Per Line 10kA Total
Nominal Discharge Current 8/20 $\mu$ s - $I_n$	10kA Per Line 20kA Total
Voltage Protection Level - $U_p$	$\leq 130V$ L-L $\leq 80V$ L-PE
Response Time - $t_r$	$\leq 1ns$
Bandwidth - $f_b$	5.1MHz
Series Impedance Per Line - $R$	2.2 $\Omega$
Capacitance - $C$	$\leq 0.3nF$ L-L $\leq 0.6nF$ L-PE
Cross-sectional Area	2.5mm Max
Operating Temperature	-40°C to +80°C
Mounting On	35mm DIN rail

