

# SY2-D Data Sheet

## Type 2/3 SPD

**SURGE**  
PROTECTION DEVICES LTD



- Compliant to BS EN 61643-11
- Suitable for TNC-S, TN-S and TT installations
- Window Indication
- Pluggable replacement modules
- Din rail mountable
- Recommended backup fuse / MCB 32A
- Recommended L/N cable size minimum 2.5mm
- Recommended PE cable size minimum 6mm



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



### Device Configurations

SY2-D/ENC

SY2-D  
Complete in  
IP Enclosure

SY2-D/ENCM

SY2-D  
Complete in  
IP Enclosure  
With 32A MCB

SY2-D/ENCMET

SY2-D  
Complete in  
Metal Enclosure

SY2-D/ENCMETM

SY2-D  
Complete in  
Metal Enclosure  
With 32A MCB

Technical Data	SY2-D
Maximum Continuous Voltage - $U_c$	275V
Nominal Discharge Current 8/20 $\mu$ s - $I_n$	L-N 10kA N-PE 20kA
Maximum Discharge Current 8/20 $\mu$ s - $I_{max}$	L-N 15kA N-PE 40kA
Voltage Protection Level - $U_p$ @ $I_n$	$\leq 1.5kV$
Voltage Protection Level - $U_p$ @ 5kA	$\leq 1.00kV$
Response Time - $t_a$	$\leq 25ns$
Tightening Torque	L-N 1.2Nm N-PE 2Nm
Operating Temperature	-40°C to +80°C
Dimensions	1 Module
Mounting On	35mm DIN rail
Indication of Status	Flag
Classification According to BS EN 61643-11	Type 2/3

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