

VMES02SPD

Surge Protection Kit

Single Module Type 2 Surge Protection Kit for Hager Consumer Units to aid compliance with 18th Edition BS 7671.

- Suitable for CT2 connection as per 534.4.3.2 BS7671 18th Edition
- Optical status indication for cartridge replacement

Green = Healthy, Red = Replace

- Replacement cartridge reference : **SPL013Z**
- Pluggable surge protection module for ease of replacement
- Cartridge can be routinely checked and changed if required without interrupting supply to loads
- No secondary back-up protection required.

Product Description

A Surge protection kit specifically developed for Hager Consumer units. Developed to ensure optimal performance of SPD technology within the residential single phase consumer units. SPD is CT2 type to ensure compatibility with all common UK Earthing arrangements e.g. TN-C-S (PME), TN-S and TT earthing arrangements. This is an IEC Type 2 / class II SPD for single phase power supply networks.

This SPD kit fits within the standard consumer unit with exception of a split load dual RCD board where the SPD needs to be fitted on the high integrity side of the board. Line connection is provided by the busbar , Neutral and Earth connections are via 6mm cable links from the top of the SPD to the earth and neutral terminal bar.



SPD P+N TNS/TT Uc 275V In 20kA I_{max} 40kA

Technical Features

Capacity

Number of modules	1
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Dimensions

Depth	74 mm
Height	84 mm
Width	17.5 mm

Electric current

Max. discharge (I _{max}) L-N(PEN)/ N-PE	40 kA
Max. overcurrent protection device, parallel connection (fuse)	100 A

Equipment

With remote signalling contact	No
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Frequency

Frequency	50 - 60 Hz
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Installation, mounting

Nominal tightening torque	1.2 - 2.5 Nm
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Network configuration

Network type	TN-S TT
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Standards

Requirement class IEC 61643	T2
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Use conditions

Operating temperature	-40 - 60 °C
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Voltage

Continuous operating voltage U _c according to IEC 61643-1	275 V
Rated operational voltage U _e	230 - 230 V
Voltage level U _p L-N/PEN IEC 61643-11	1.5 kV

Sustainability

REACH conform	Yes
RoHS conform	Yes

