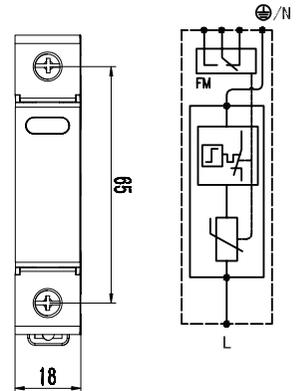
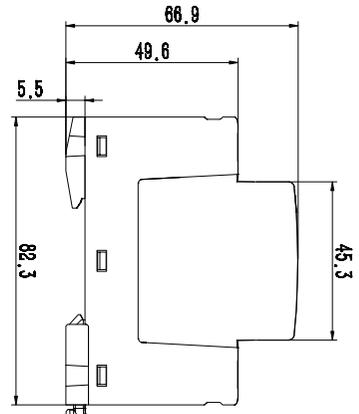


## WOSPD140 & WOSPD140C (Replacement Cartridge) Instructions

Ratings and technical specifications in accordance with IEC/EN61643-11

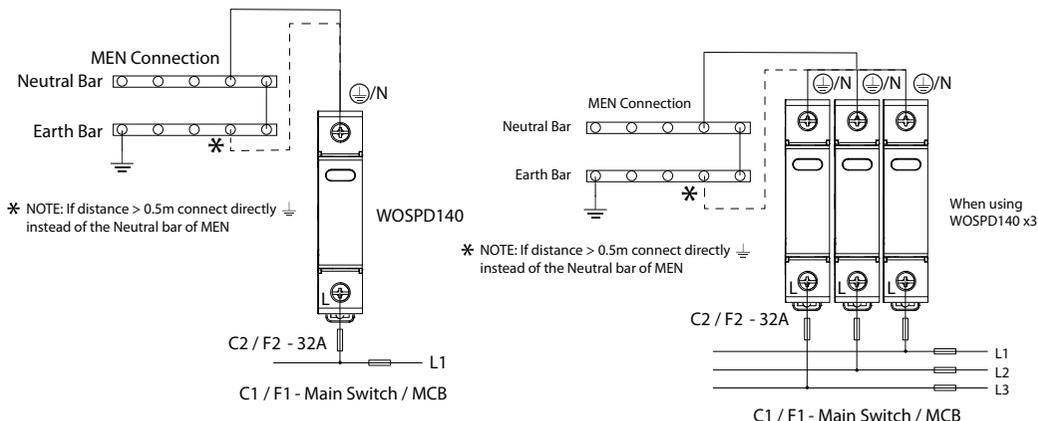
Standards IEC/EN 61643-11,BS/EN 61643-11	
Pole No.	1P
Max.continuous operating a.c.voltage U <sub>c</sub>	275V
Norminal discharge current (8/20μs) I <sub>n</sub>	20kA
Maximum discharge current (8/20μs) I <sub>max</sub>	40kA
Voltage protection level U <sub>p</sub>	≤1.5kV
Max.backup fuse/MCB	32A gL/32A
Response time t <sub>A</sub>	≤25ns
Operating temperature range T <sub>u</sub>	-40°C~80°C
Operating State/Fault Indication	Green/Red
Cross-section area (Min.)	6mm <sup>2</sup>
Cross-section area (Max.)	16mm <sup>2</sup>
35mm Din rail suitable	
IP20	
Housing polymer flammability rating UL94-V0	
Tightening torque	2.5Nm
Drive type	#2 Pozi-drive
Strip length	14mm



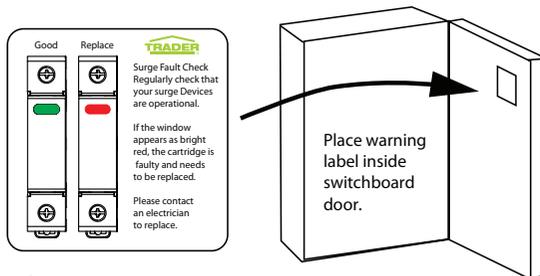
Warning all electrical work must be carried out by a licenced electrician and following the guidelines of AS/NZS3000 wiring rules.

Prior to undertaking electrical work, assess the installation to confirm the type of connection required as additional units may be required. A fuse or circuit breaker is also required to protect the WOSPD140 in case the main switch or limiting circuit breaker rating is too high. AS/NZS3000:2018 Clause F1.2.4 recommends a 32A rated circuit breaker for a 40kA SPD. Recommended to remove cartridges when Megger testing as may give false reading.

## Connection examples.

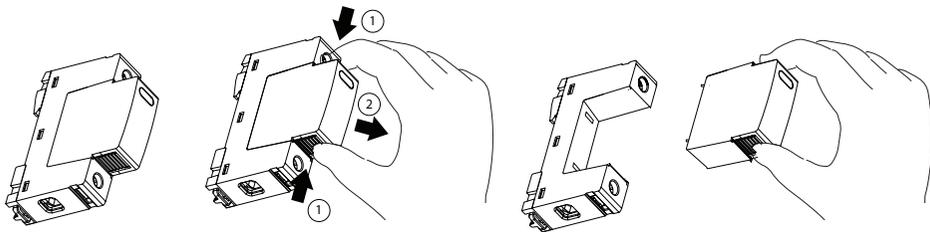


If the cartridge viewing window has discoloured from green to red the product needs to be replaced as shown (Product comes with an instruction sticker for the switchboard):



## Cartridge replacement

Care needs to be taken when replacing the cartridges, squeeze top and bottom (1) to remove the blown unit from the base assembly as shown below. The slide out carefully (2). Replace using only the correct replacement model WOSPD140C cartridge



Blown cartridges are not covered under warranty.  
Products are warranted for workmanship functional defects only.

Products are warranted for 2 years which covers workmanship of product defects only. Any damage caused to the equipment as a result of a lightning strike, or overvoltage due to failure of equipment for whatever reason will not be covered.

The repair or replacement of any fault because of malpractice or negligence of a customer, their agents or third parties will not be covered, or at the discretion of GSM Electrical (Australia) Pty Ltd. Any consequential loss or damages suffered by the customer as a result any defect in design of the installation or materials will not be covered.

Repair or replacement of any product where a product has been modified or altered by the purchaser or where the product has not been installed in accordance with the specifications is at the discretion of GSM Electrical (Australia) Pty Ltd.

