

New product update

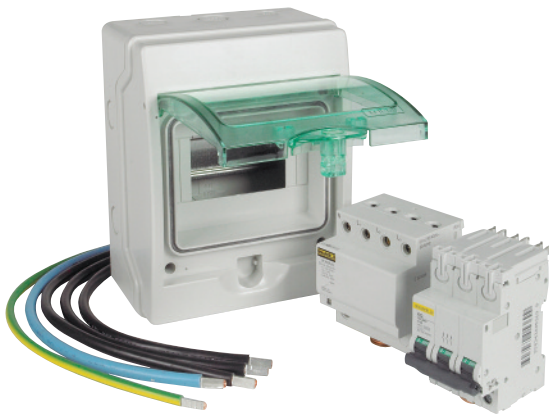
Surge protection

Single/three phase and neutral wall mounted for transient over-voltage protection

> February 2009



These are our new ready to install offer which is supplied with everything you require to install next to a distribution board either on a new build or for retrofit. Designed to protect from the effects of external or internal voltage surges, these fixed surge protection devices will safeguard from the effects of a localised lightning strike to ground. They also fully meet the needs of the 17th edition in respect to lightning and switching surges on a TNS or TT earthed electrical system.



Application

- > For wall mounted installation next to distribution boards.
- > The CF all-contained, multiple pole surge arrester range is especially adapted to TT and TN-S earthing systems.
- > Surge arresters have local indication.
- > Each surge arrester in the range has a specific use:
CF40 are recommended for incomer end.
Secondary protection: the CF8 ensures the secondary protection of loads to be protected and is placed in a cascading configuration with surge arrestors at the incomer end.
- > They are supplied as wall mounting kits or as DIN rail mounted units

Content of kit

- > Surge arrester 3PN or 1PN.
- > Correctly rated KQ disconnection miniature circuit breaker.
- > Insulated high IP rated enclosure with transparent cover and lock.
- > L1, L2, L3, N, E connecting cables.

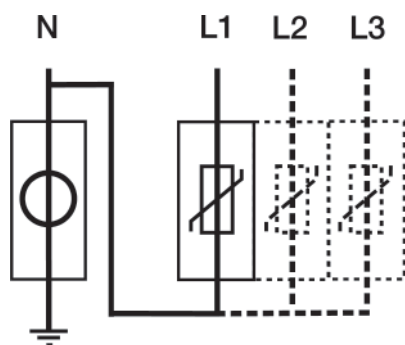
Product Specification

> Technical

Operating frequency	50/60 Hz
Operating voltage	230/400 V AC
Ic permanent operating current	< 1 mA
Response time	< 25 ns
End of life indication	by green/red mechanical indicator
Green in operation	Red at end of life
Type of connection	terminals tunnel terminals, 2.5 to 35 mm ²
Operating temperature	-25 iC to +60 iC
Standards	IEC 61643-1 T2 and EN 61643 11 Type 2
Earthing Systems	TT and TNS

Performance		Wall Mounted Kit	CF3PN40	CF3PN8	CF1PN40	CF1PN8
		Din Rail Kit	SD15688	SD15696	SD15687	SD15695
Imax - (kA) Maximum current discharge			40	8	40	8
In - (kA) Nominal discharge current			15	2.5	15	2.5
Up - (kV) Voltage protection level						
CM	N/E		<1.5	<1.5	<1.5	<1.5
DM	L/N		<1.5	<1.1	<1.5	<1.1
Un - (V) Rated voltage network			230/400	230/400	230	230
Uc-(V) Maximum continuous operating voltage						
CM	N/E		260	260	340	340
DM	L/E		340	340	340	340
MCB protection device C curve (supplied with CF3 and CF1)			40 amp	20 amp	40 amp	20 amp

Connections



For further information please
contact us on 0870 608 8 608 or
visit www.schneider-electric.co.uk