

# Technical Datasheet

## Surge Protection Device



The VCP1S2 is type 2 surge protective device in conformity with IEC/EN 61643-11 standards. It s of one module size with MOV and GDT in combination. This compact design is space saving and ideal for installation in consumer unit.

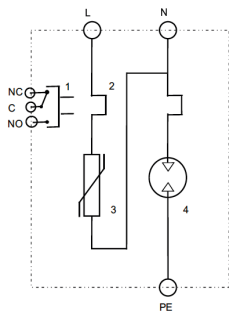
### Type 2 Surge Protection Device

- Compact design with MOV and GDT in one module
- Pluggable module for easy replacement
- Din rail mounting for cabinet installation
- Optional remote signal for convenient checking
- Coloured indicator for operation status display
- Protective structure avoid wrong insertion of module

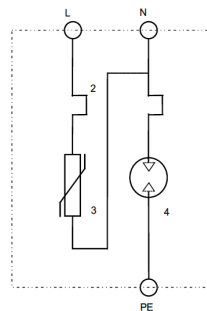


### Wiring Diagrams

With remote signal

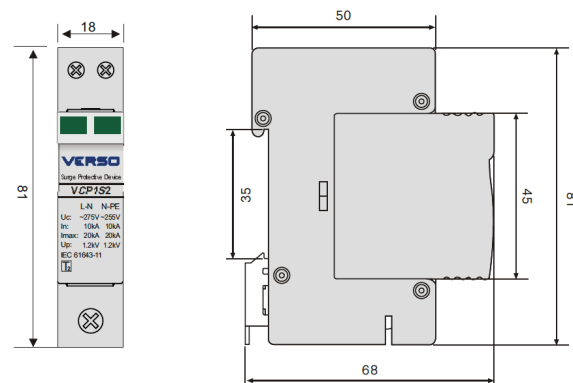


Without remote signal



1.Output contact, 2. Disconnecter, 3. MOV, 4.GDT

### Dimensions



### Technical data

Max.continuous operating voltage Uc	275V AC (L–N) , 255V AC (N–PE)	
Max.discharge current Imax(8/20µs)	20kA	40kA
Nominal discharge current In(8/20µs)	10kA	20kA
Voltage protection level Up	1.2kV	1.5kV
Combination method	1+1	
Short circuit current rating Iscc	500 A	
Status indicator	Green window:Functional / Red window:Failed	
Output contact	C–NC:conduction / C–NO:Open	
Wiring capacity	2.5mm <sup>2</sup> (L–N), 4mm <sup>2</sup> (N–PE)	
Degree of protection (IP code)	IP 20	
Power supply network	TN,TT,IT	
TOV [L–N] (Ur)	385V / 5 sec.	
Installation method	35mm DIN rail	
Ambient temperature	–40°C ~ + 80°C	
Ambient humidity	5%–95%	
Altitude	< 2000m	
Standard conformity	IEC61643–11:2011, EN61643–11:2012	