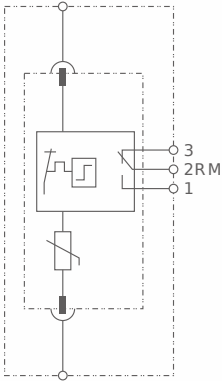
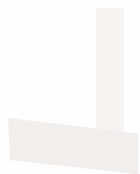
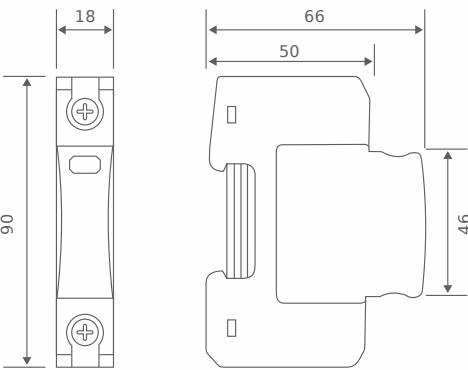


VLCD20

- Standard single chip structure, pluggable
- Consist of varistor and thermal disconnection device
- High discharge capacity, quick response
- Double thermal disconnection devices, provide more reliable protection
- Multifunctional terminals for connection of conductors and busbars
- Green window will change when fault occurs , also provide remote alarm terminal at the same time



VLCD20 Basic circuit diagram



VLCD20 Dimensions diagram

Type	VLCD20	
Rated voltage (max.continuous a.c.voltage) [ U <sub>c</sub> ]	275V or 385V	
Nominal discharge current (8/20) [ I <sub>n</sub> ]	10kA	
Maximum discharge current [ I <sub>max</sub> ]	40kA	
Voltage protection level [ U <sub>p</sub> ]	≤ 1.5kV	
Response time [ t <sub>x</sub> ]	≤ 25ns	≤ 25ns
Max. backup fuse	125A gL/gG	125A gL/gG
Operating temperature range [ T <sub>v</sub> ]	- 40°C...+80°C	- 40°C...+80°C
Cross- sectional area	1.5mm <sup>2</sup> ~ 25mm <sup>2</sup> solid / 35mm <sup>2</sup> flexible	
Mounting on	35mm DIN rail	
Enclosure material	Purple (module) / light gray (base) thermoplastic, UL94- V0	
Dimension	1 mod	
Test standards	IEC 61643- 1; GB 18802.1; YD/T 1235.1	
Certification	CE ROHS ISO9001 CQC TUV	
Type of remote signalling contact	Switching contact	
Switching capacity a.c.	250V/0.5A	
Switching capacity d.c.	250V/0.1A; 125V/0.2A; 75V/0.5A	
Cross- sectional area for remote signalling contact	Max. 1.5mm <sup>2</sup> solid/flexible	
Degree of protection	IP20	
Type	VLCD20	
Packing unit	4pc(s)	
Weight	120g	