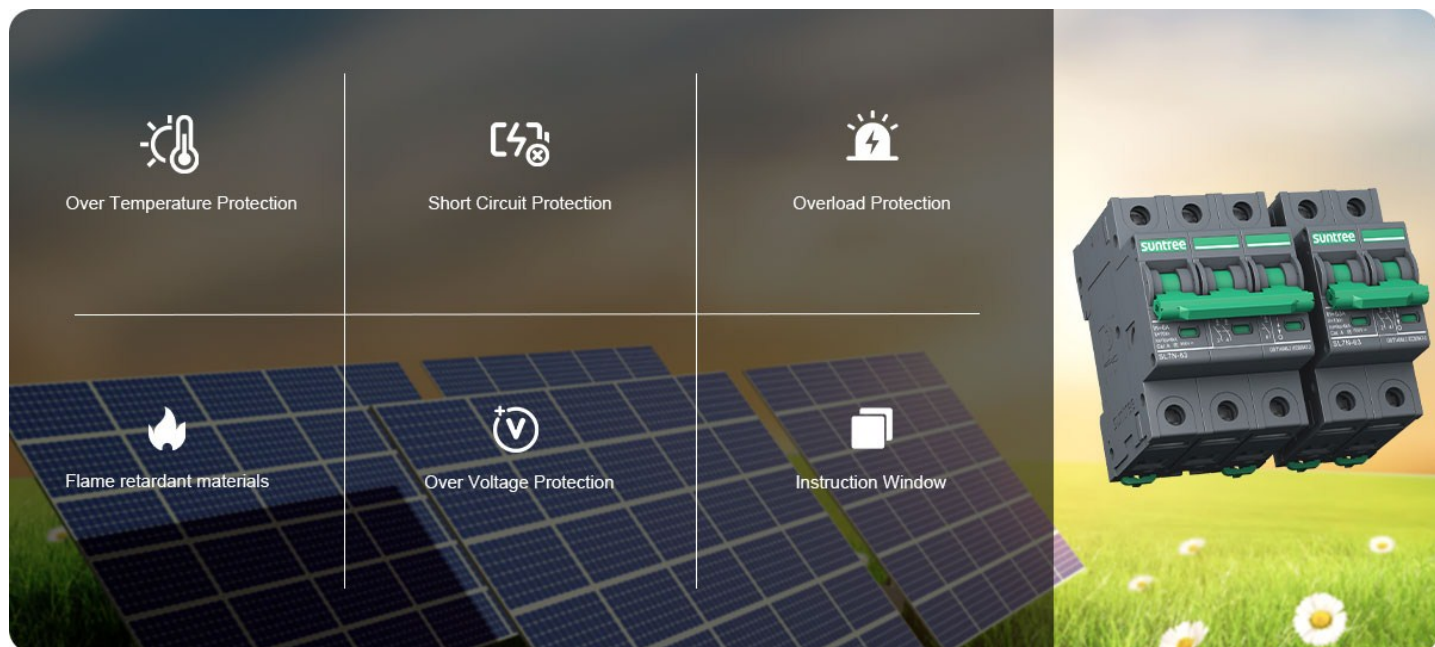


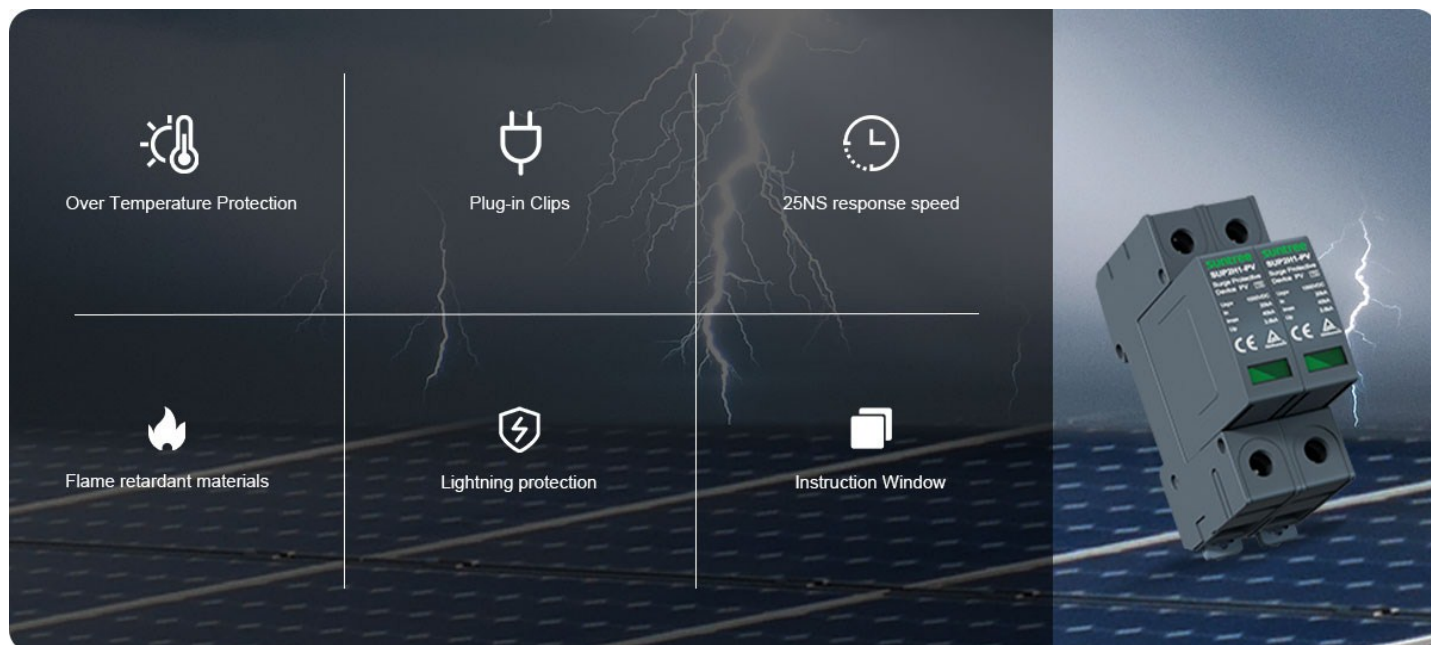


ELECTRICAL TECHNICAL REFERENCE



SL7N-63	
Rated insulation voltage (Ui)	1250V
Rated service voltage (Ue)	DC (1P):15V,60V,100V,180V,250V; DC (2P):125V,375V,550V,600V,800V DC (3P):750V,800V; DC (4P):800V,1000V 1200V
Rated current of current shell frame	63A
Different currents in the same current shell frame	6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A
Rated service short-circuit breaking capacity Ics=Icu	Ics=Icu=6kA(2P800V/4P1200V Ics=Icu=2KA)
Mechanical life	8500 Times
Electrical life	1500 Times (< DC125V/1P, < DC250V/2P) 1000 times (other voltage specifications)
Certificate	CB CE A
Rated impulse withstand voltage Uimp	6kV
Trip characteristics I trip type	B/C
Overvoltage category	III
Class of pollution	3

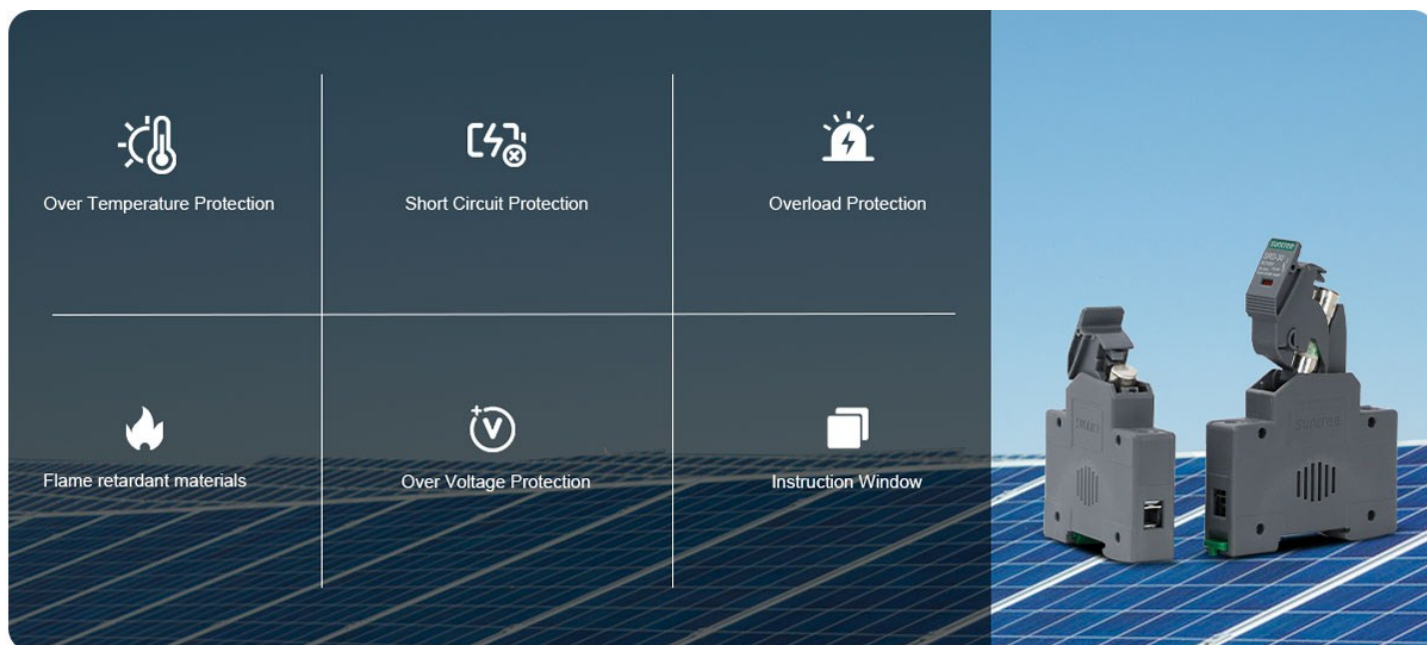
Ingress protection	IP40; terminal IP20
Resistance to heat and humidity	Class 2
Relative humidity	≤95%
Standards compliant	IEC 60947-2 GB/T 14048.2
Shock resistance	According to IEC60068-2-6
Mechanical shock resistance parameters	According to IEC60068-2-27
Service ambient temperature	-30°C~70°C
IEC60068-4Resistance to heat and humidity(IEC60068-4)	Class Db (temperature 55°C 6 cycles)
Storage ambient temperature	-40°C~85°C
Altitude	≤2000m
Weight accessories	0.12kg/P
Accessories	OFISD/MX/MN/MX+OF
MX control voltage Us	DC:12V,24V,220V; AC:110V,220V,380V power supply recommended not less than 75W
MN rated voltage Un	AC220V AC380V



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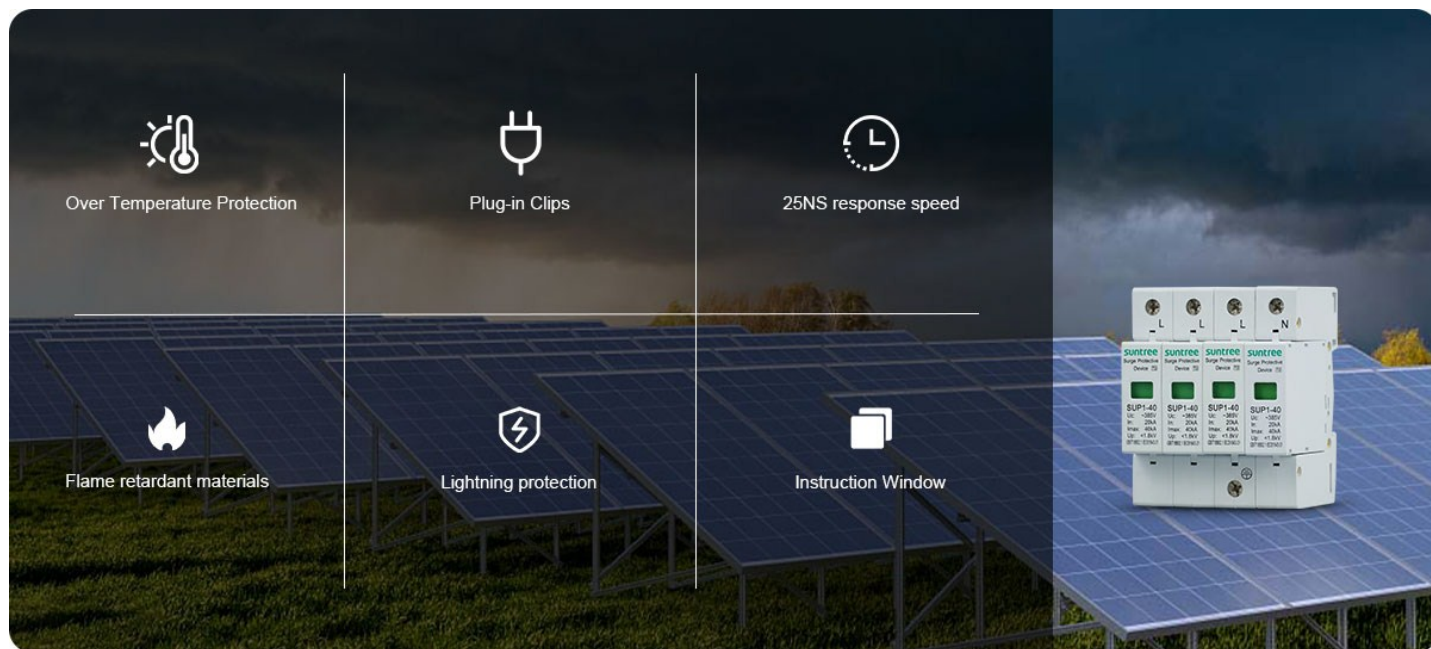
ELECTRICAL TECHNICAL REFERENCE

Product Model	SUP2H-PV		
Max. continuous operating voltage (Ue)	500VDC	600VDC	800VDC
Max. discharge current (max) (8/20μs)	20, 40KA		
Protection level (in) Up	2.8kV	2.8kV	3.0kV
Service temperature	-40°C~+70°C		
Relative humidity	≤95% (25°C)		
Installation mode	35mm standard guide rail		
Window indication	Normal: green; Failure: Red		
Ingress protection	IP20		
Numbers of poles	2P		
Leakage 0.75u mA (uA)	≤20		



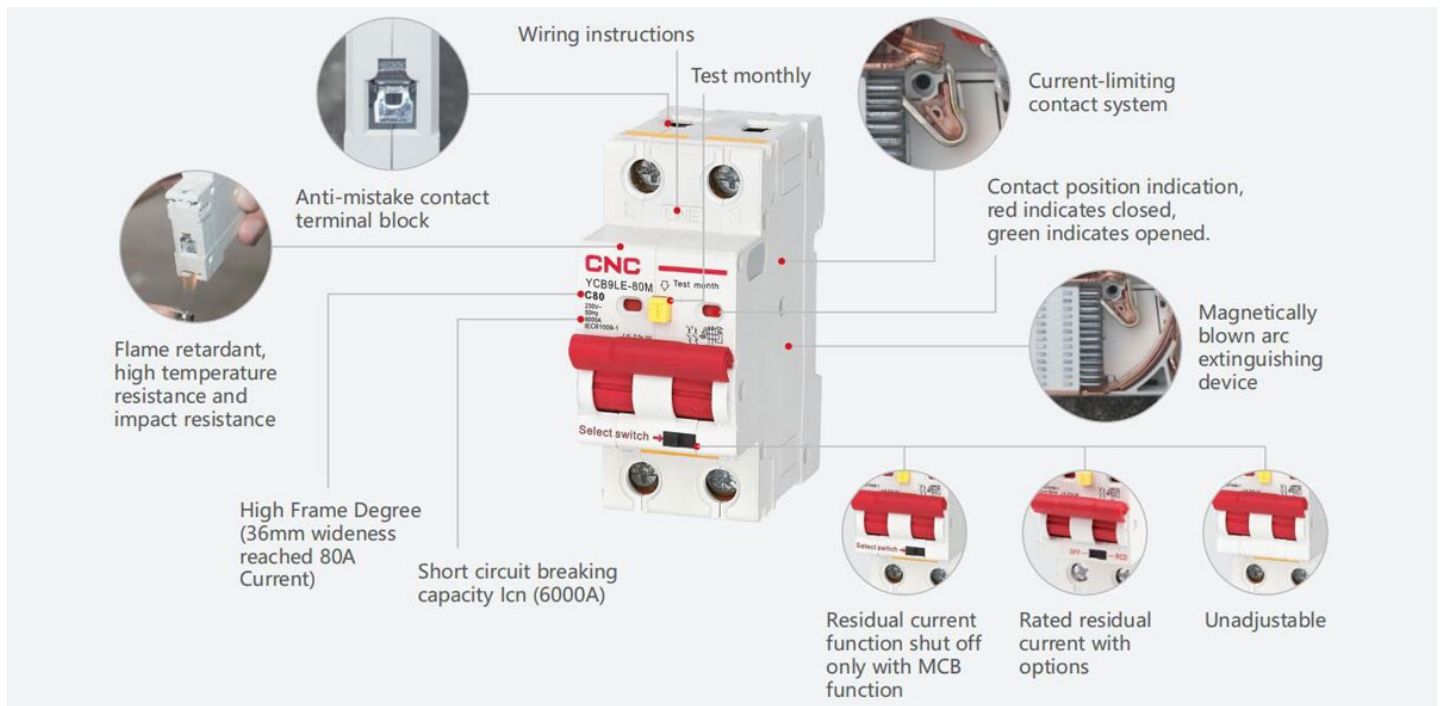
ELECTRICAL TECHNICAL REFERENCE

SRD SERIES PV DC FUSE	SRD-30	SRF-30
Citation standards	IECEN60947-1 IEC/EN60947-3	EN 60269-1 EN 60269-6
Rated insulation voltage U_i	1200V	/
Rated service voltage U_e	DC1100V	DC1000V
Rated service current I_e	63A	63A
Different currents in the same current shell frame	1A-30A	6A, 8A, 10A, 12A, 15A, 16A, 20A, 25A, 30A, 32A
Rated impulse withstand voltage U_{imp}	6kA	/
Rated acceptable power dissipation	$\leq 4W$	$\leq 4W$
Numbers of poles	1P	/
Rated limiting short circuit current	30kA	20kA
Fuse dimensions for use	$\phi 10mm \times 38mm$	$\phi 10mm \times 38mm$
Ingress protection	IP20	/
Use category	PV-0	PV-0



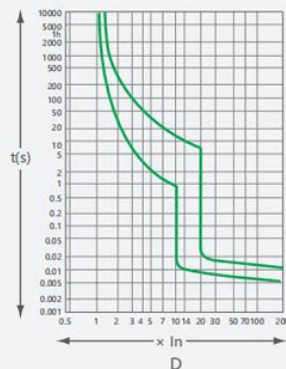
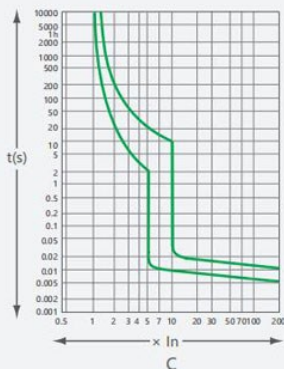
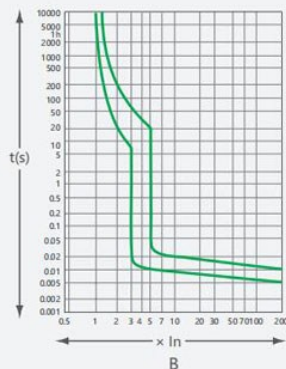
ELECTRICAL TECHNICAL REFERENCE

TECHNICAL PARAMETERS						
Protection Level B,C,D Grade	D.C.B					
Rated Operating Voltage Un(V-)	380V / 220V					
Maximum Continuous Operating Voltage Uc(V-)	275V	320V	385V	385V	385V	420V
Voltage Protection Level Up(V-)kV	≤1.0	≤1.2	≤1.8	≤2.0	≤2.2	≤2.8
Nominal Discharge Current In(8/20s)kA	5	10	20	30	40	60
Maximum Discharge Current Imax(8/20s)kA	10	320	40	60	80	100
Response Time (ns)	<25					
Test Standard	IEC61643.1,GB18802.1					
Operating Environment (centigrade)	-40°C~+85°C					
Max Connection Line	35mm² hard wíel 35mm² sand wine cpe lne					
Recommended Connection Line	16mm² nand wíel 25mm² stard we coplne					
Installation	Standard Rail 35mm					
Material of Outer Covering	Buming-proof Nyon					



Type	Test current	Tripping time	Expected result
B,C,D	$1.13I_n$	$t \leq 1h (I_n \leq 63A)$	Not tripping
	$1.13I_n$	$t \leq 2h (I_n > 63A)$	
B,C,D	$1.45I_n$	$t < 1h (I_n \leq 63A)$	Tripping
	$1.45I_n$	$t < 2h (I_n > 63A)$	
B,C,D	$2.55I_n$	$1s < t < 60s (I_n \leq 32A)$	Tripping
	$2.55I_n$	$1s < t < 120s (I_n > 32A)$	

Type	Test current	Tripping time	Expected result
B	$3I_n$	$t \leq 0.1s$	Not tripping
C	$5I_n$	$t \leq 0.1s$	
D	$10I_n$	$t \leq 0.1s$	
B	$5I_n$	$t < 0.1s$	Tripping
C	$10I_n$	$t < 0.1s$	
D	$20I_n$	$t < 0.1s$	



Type	Standard		IEC/EN 61009-1
Electrical features	Poles	P	2, 4
	Type(wave form of the earth leakage sensed)		A/AC
	Thermo-magnetic release characteristic		B, C, D
	Rated current I_n	A	1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63, 80
	Rated voltage U_e	V	230/400
	Rated sensitivity Δn	A	0.03, 0.05, 0.1, 0.2
	Rated residual making and breaking capacity Δm	A	500($I_n \leq 40A$) 630($I_n > 40A$)
	Rated short-circuit capacity I_{cn}	A	6000
	Break time under Δn	s	≤ 0.1
	Rated frequency	Hz	50/60
	Rated impulse withstand voltage(1.2/50) U_{imp}	V	4000
	Dielectric test voltage at ind.Freq.for 1min	kV	2
	Insulation voltage U_i	V	500
	Pollution degree		3
Mechanical features	Electrical life	t	4000
	Mechanical life	t	10000
	Contact position indicator		Yes
Connection and Installation	Protection degree		IP20
	Connection capacity	mm ²	1~35
	Circumstance temperature	°C	-25~+70
	Elevation	m	≤ 2000
	Pollution degree		3
	Terminal connection type		Cable/Pin-type busbar
	Installation Environment		No obvious vibration and shock
	Installation category		III
	Mounting		On DIN rail EN60715(35mm)by means of fast clip device
	Connection		From top

