

DC MCB 1500V



Main function

SL7N-125D with overload delay protection, short circuit instantaneous protection, provide short-circuit protection, overload protection from the 1500VDC

Application

Widely used in DC panel, DC distribution cabinet, DC combiner box, energy storage, photovoltaic, wind power station distribution box system, communication distribution box protection system, and can also be used for infrequent on-off conversion of lines under normal conditions

MODEL AND SIGNIFICANCE

S

Enterprise code

L7N

Design Number

-

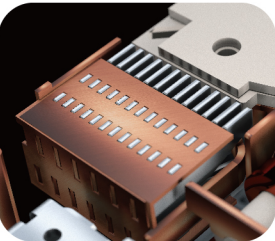
125

Case grade rated current

D

High voltage

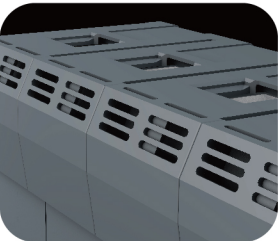
ADVANTAGE



Multi-gate interrupter
The arc extinguishing chamber adopts a multi-grid arc extinguishing chamber, and each pole is equipped with 2 arc extinguishing chambers to enhance the arc extinguishing capacity



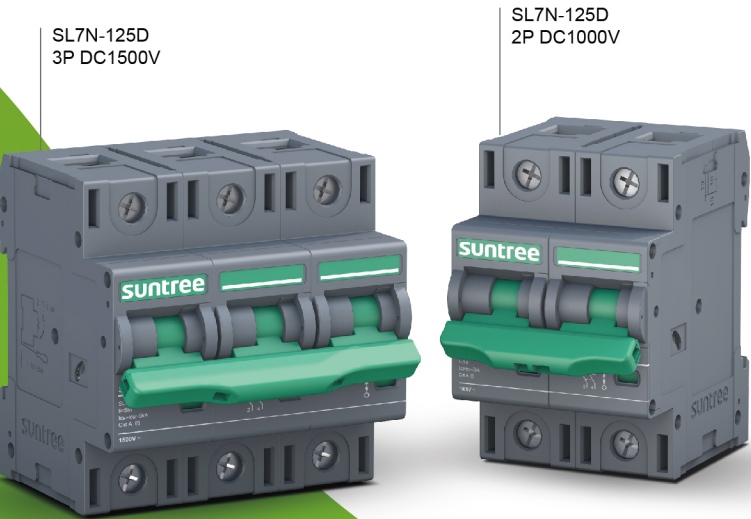
Static contact
The static contact arc ignition design is more conducive to the arc entering the arc extinguishing chamber



Vent design
New design of vent holes, arc out of gas more smoothly



PA66 flame retardant material
flame retardant rating of V-0



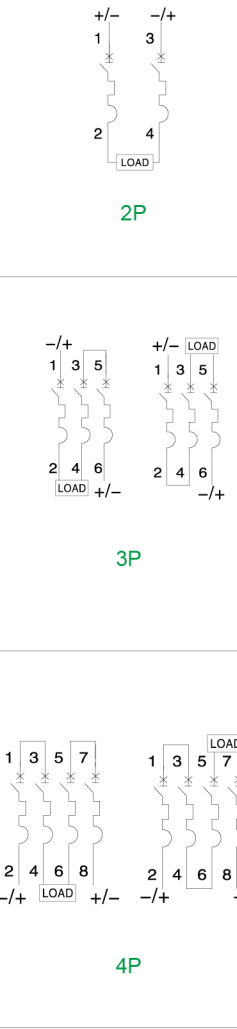
DC MCB
S L 7 N - 1 2 5 D

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SPECIFICATIONS

MODEL	SL7N-125D	
Products name	PV DC MCB	
Pole	1P、2P、3P、4P	
Rated operational voltage(Ue)	1P:DC48~250V;DC375V;440V;DC600V 2P:DC750V;DC800V;DC1000V 3P:DC1200V;DC1500V 4P:DC1500V	
Rated insulation voltage(Ui)	690V(1P);1000V(2P);1500V(3P/4P)	
Rated impulse withstand voltage(Uimp)	4KV(1P);6KV(2P);8KV(3P/4P)	
Case grade rated current(In)	125A	
Rated operational current(I _n)	16A;10A;16A;20A 25A;32A40A;63A;80A	1P:DC48~250V;DC375V;440V;DC600V 2P:DC750V;DC800V;DC1000V 3P:1200V/1500V; 4P:DC1500V
	100A;125A	1P:DC48V~250V 2P:DC375V;440V;DC600V 3P:DC750V;DC800V 4P:DC1000V;DC1200V
Rated ultimate short circuit breaking capacity(I _{cu})	2kA Type H: 6kA	
Running breaking capacity(I _{cs})	2kA Type H: 6kA	
Mechanical life	10000	
Electrical life	2000	
Installation	Din	
Relative humidity	+50℃ not more than 95%	
Wiring polarity requirements	NO	
Working temperature	-40℃ ~+75℃	

WIRING DIAGRAM



DIMENSION

