

MINIATURE CIRCUIT BREAKERS - DC



DC miniature circuit breakers in different current ratings are available for different installation requirements.

Suntree - Hongkong  **suntree**

Ordering Information

Order No	Model No	Product	Pole	Ampere	Voltage
295820	ST16 - 2	DC Circuit Breakers	2Pole	16A	550V
295822	ST25 - 2	DC Circuit Breakers	2Pole	25A	550V
295912	ST25 - 4 - 1000	DC Circuit Breakers	4Pole	25A	1000V
295914	ST32 - 4 - 1000	DC Circuit Breakers	4Pole	32A	1000V

Technical Specifications

SL7 PV Servies Circuit Breaker		SL7-63			
Frame degree rated current (A)		63			
Electrical performance					
Ue Rated operating voltahe (V DC)		AC250V ACV415V DC440V DC550V DC800V DC1000V			
Rated Current In (A)		6-10-16-20-25-32-40-50-63			
Rated Insulation voltage Ui (V DC)		1000V			
ated Impact voltage Uimp (kV)		4			
Ultimate breaking capacity Icu (kA)		6	6	6	6
Run breaking capacity Ics (96Icu)		75%	75%	75%	75%
Curve type		C			
Trip type		Thermal - magnetic			
MECHANICAL	Actual average value	20000			
	Standard value	8500			
ELECTRIC	Actual average value	2500			
	Standard value	1500			
Control and indication					
Shunt release (SHT)					
Undervoltage release (UNT)					
Auxiliary contact (AX)		Option			
Alarm contact (AL)					
Connection and installation		In ≤ 32A, I ~ 25mm ² , I ≥ 40A, 10~ 35mm ²			
Wiring capacity (mm ²)		-10~ 35			
Ambient temperature (°C)		≤ 2000			
Altitude		≤ 9596			
Relative humidity		3			
Pollution level		No obvious shock and vibration			
Installation Environment		Class III			
Installation category		DIN Standard rail			
Installation					
Dimensions(W)x(H)x(Deep)	W	17.5	35	52.5	70
	H	80	80	80	80
	Deep	71	71	71	7
Weight (kg)		0.12	0.24	0.36	0.48

Ordering Information

Order No	Model No	Product	Pole	Ampere	Voltage
294300	BB2-40	DC Circuit Breakers	2Pole	25A	1000V
294301	BB2-40	DC Circuit Breakers	2Pole	25A	1000V

Technical Specifications

Order No	BB2-40
Poles	1P 2P 3P
Standard	IEC60947.2
Utilization Category	DC-21B
Rated Operational Voltage (Ue)	600V, 1000V, 1500V
Rated Current	3A 4A 6A 10A 13A 16A 20A 25A 32A 40A
Mechanical Cycle	20000
Electrical Cycle	4000
Protection Degree	IP65 enclosure / IP20 switch body
Polarity	No Polarity
Certificate	CE