

DC Breaker – Suntime SL7-63C32 / 800V / 2 Poles



Feature of Non Polarity DC circuit breaker :

SL7 PV DC breaker supplementary protectors are designed to provide over current protection within appliances or electrical equipment, where a branch circuit protection is already provided or not required. Devices are designed for direct current (DC) control circuit applications.

Specifications of Non Polarity DC circuit breaker:

Frame degree rated current (A)	63			
Electrical performance				
Ue Rated operating voltage (V DC)	AC250V AC415V DC440V DC550V DC800V DC1000V			
Rated Current In (A)	6-10-16-20-25-32-40-50-63			
Rated insulation voltage Ui (V DC)	1000V			
Rated Impact voltage Uimp (kV)	4			
Ultimate breaking capacity Icu (kA)	6	6	6	6
Run breaking capacity Ics (%Icu)	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)	Option			
Undervoltage release (UNT)				
Auxiliary contact (AX)				
Alarm contact (AL)				
Connection and installation				
Wiring capacity (mm ²)	In ≤ 32A, I ~ 25 mm ² , I ≥ 40A, I0 ~ 35mm ²			
Ambient temperature (°C)	-20~70			
Altitude	≤ 2000			
Relative humidity	≤ 95%			
Pollution Level	3			
Installation Environment	No obvious shock and vibration			
Installation category	Class III			
Installation	DIN Standard rail			