



SL7 Polarity DC circuit breaker

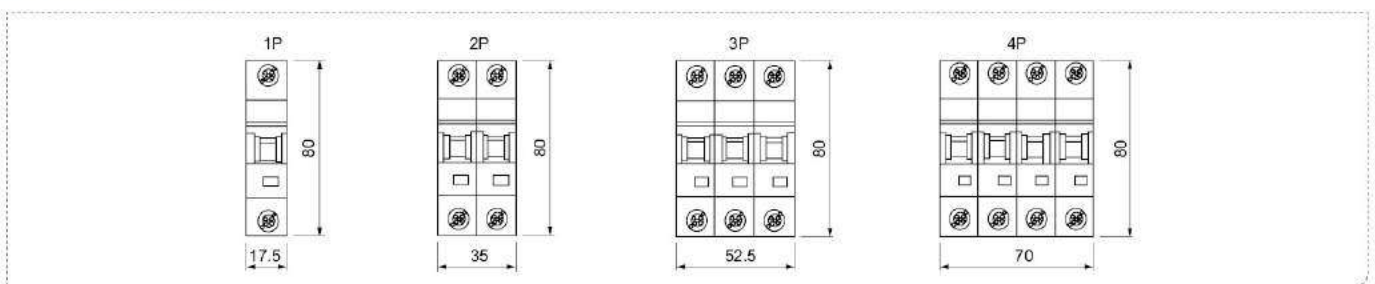
SL7 PV DC breaker supplementary protectors are designed to provide overcurrent protection within appliances or electrical equipment, where a branch circuit protection is already provided or not required. Devices are designed for direct current (DC) control circuit applications.



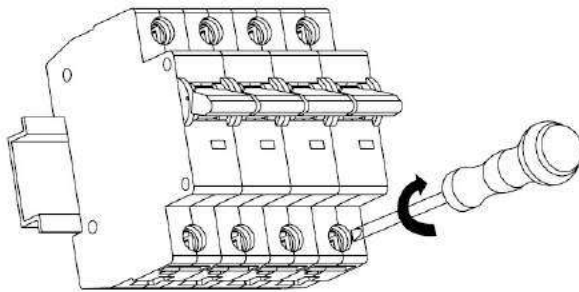
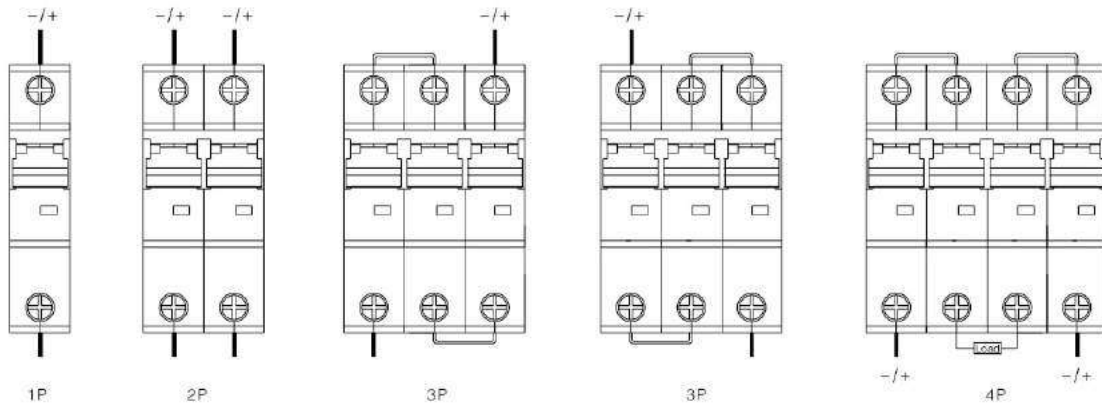
Specifications

SL7 PV Series Circuit Breaker		SL7-63			
Frame degree rated current (A)	63				
EI					
Ue Rated operating voltage (V DC)	2P: DC440V DC550V DC800V 4P:DC800V DC1000V DC1200V				
Rated Current In (A)	6-10-16-20-25-32-40-50-63				
Rated insulation voltage Ui (V DC)	2P: 800V 4P: 1200V				
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)					
Undervoltage release (UNT)					
Auxiliary contact (AX)	Option				
Alarm contact (AL)					
Connection and installation					
Wiring capacity (mm ²)	In≤32A, 1~25 mm ² , I≥40A, 10~35mm 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				
Dimensions(W)x(H)x(Deep)	W	17.5	35	52.5	70
	H	80	80	80	80
	Deep	71	71	71	71
Weight (kg)		0.12	0.24	0.36	0.48

Dimensions(mm)

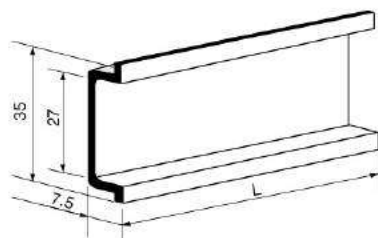


Wiring diagram



Rated current (A)	Sectional area of wire(mm ²)	Tightening torque of connecting wire(N.m)
1, 2, 3, 4, 5, 6	1	Both the power side and load side are 2.0
10	1.5	
16, 20	2.5	
25	4	
32	6	
40, 50	10	
63	16	

Installation diagram



TH35-7.5 Mounting Din-Rail

