

FPV-125

Solar DC Mini Circuit Breaker (DC MCB)

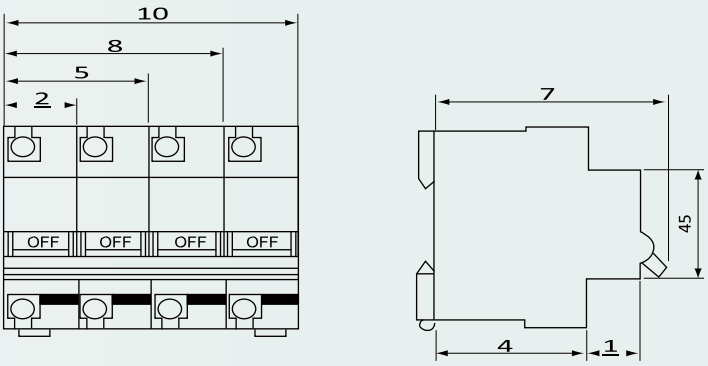
FPV-125 high breaking capacity circuit breaker is specially for solar PV system. The current is form 63A to 125A and voltage up to 1000VDC. Standard according to IEC/EN60947-2.



Specifications

Rated Current	63,80,100,125A			
Rated Voltage (V DC)	250	550V/800	750	1000/1200/1500
No. of Pole	1P	2P	3P	4P
Mechanical Life	7800 times (C.O.)			
Electrical Life	20000 times			
Icu	10KA			
Ics	10KA			
Weight(G)	150	300	460	620

Dimensions



Current correction values used at different ambient temperatures

Rated Current (A)	-35	-30	-20	-10	0	10	20	30	40	50	60	70
63A	90.4	88.52	84.75	80.55	76.55	72.45	67.75	63	57.65	51.98	46.51	40.95
80A	114.8	112	106.8	101.6	96.4	90.8	85.6	80	74	67.6	60.8	53.2
100A	143.5	140.5	134.5	127.5	121	113.5	107.5	100	92.5	84.5	75.5	66.5
125A	178.75	173.75	164.38	156.25	148.75	140.63	135	125	116.25	107.5	97.5	85

Current correction factor used at different altitudes

Rated Current (A)	Different altitude correction factors		
	< 2000m	2000-5000m	≥ 5000m
63,80,100,125A	1.0	0.9	0.8

Characteristic Curve

