

DNB1Z-63 MCB



Suitable range

The rated working voltage of DNB1Z-63 mini DC circuit breaker can be up to DC 250V (1P)、DC800V(2P)、DC800V (3P)、DC1200V(4P), There is a special arc extinguishing and current limiting system in the MCB, which can quickly disconnect the fault current of the DC distribution system.

It can protect important components in the solar power generation system, ensures the operation of the solar photovoltaic power generation system is reliable.

Usage environment

The altitude is lower than 2000 meters, Can be if altitude higher than 2000m Please contact the manufacturer for other special requirements.

The ambient temperature is - 25C, and the 24-hour average temperature does not exceed + 35 °C ; When the ambient temperature is higher than + 40 °C or lower than - 25 °C , please contact the manufacturer

The product shall be installed in the waterproof distribution box .

DNB1Z-63

MCB

Model and Meaning

DN	B	1	Z	-	63	/	□	□
↓	↓	↓	↓		↓		↓	↓
Company code	MCB	Design No.	DC		Size		Poles	Rated current

Technical Parameter

Entry Name	Technical Parameter
Rated insulation voltage (UI)	1250V
Rated operating voltage (UE)	DC(1P):15V,60V,100V,180V,250V ; DC(2P):125V,375V . 550V,600V,800V DC(3P):750V,800V ; DC(4P):800V.1000V 1200V
Rated current of frame	63A
Different currents of the same shell frame	6A、 10A、 16A、 20A、 25A、 32A、 40A、 50A、 63A
Rated operating short-circuit breaking capacity (ICS = ICU)	6kA
Rated operating short-circuit breaking capacity (ICS = ICU)	2P 800V \ 4p 1200V 2kA
Mechanical life	2000second
Electrical life	10000second (BelowDC125V/1P, Below DC250V/2P) , 1000second (Other voltage specifications)
Certificate	CB CE CCC
Rated impulse withstand voltage Uimp	6KA
Tripping characteristics / tripping type	B/C; Thermal porcelain
Overvoltage level	III
class of pollution	3
Protection grade	IP40; Connection port IP20
Damp heat resistance	Class 2
Relative humidity	≤ 95%
Standard	IEC 60947-2 GB/T 14048.2
Seismic resistance	Basis IEC 60068-2-6
Mechanical shock resistance parameters	Basis IEC60068-2-27
Operating ambient temperature	-30°C ~70°C
Damp heat resistance	Db Class (Temperature 55°C 6 Cycle)
Storage environment temperature	-30°C ~70°C
Altitude	≤ 2000m
Weight	0.12kg/P
enclosure	OF/SD/MX/MN/MX+OF
MX control voltage Us	DC:12V, 24V,220V; AC:110V, 220V, 380V It is recommended that the power supply should not be lower than 75W
Mn rated voltage UN	AC220V AC380V

