

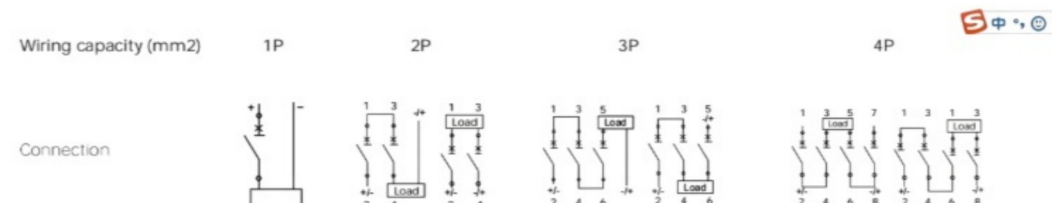


Description

DC Circuit Breaker – Reliable Overcurrent Protection for Photovoltaic and Battery Systems

Compact, high-performance overcurrent protection for photovoltaic, battery, and industrial DC systems. Rated up to 1000V DC and 1–63A, featuring arc-extinguishing technology for fast fault interruption. Modular 1–4 pole design, IEC/EN 60947-2 compliant, with optional auxiliary contacts. Reliable and space-saving protection for renewable energy applications.

Connection



Specifications

CY-63 Series Circuit Breaker		CY-63			
Frame Degree Rated Current (A)		63			
Pole		1P	2P	3P	4P
Rated Operating Voltage (V DC)		250	550/800/1000	750	1000/1200/1500
Rated Insulation Voltage U_i (V DC)		1200V			
Rated Current I_n (A)		3, 6, 10, 16, 20, 25, 32, 40, 50, 63A			
Rated Impact Voltage U_{imp} (KV)		4			
Ultimate Breaking Capacity I_{cu} (kA)		10			
Run Breaking Capacity $I_{cs}(\%I_{cu})$		100%			
Curve Type		C			
Trip Type		Thermal-magnetic			
Mechanical	Actual average value	7800			
	Standard value	7800			
Electric	Actual average value	200			
	Standard value	300 (accord to TUV standard)			

Characteristic Curve

CY-63 Characteristic curve

