

## HELIOS RDX7 Series (MCB-DC)

### Application

- RDX7-125DC DC circuit breaker is composed of shell, operating mechanism, thermal release, electromagnetic release contact system, arc extinguishing system, etc.

- It has overload and short circuit protection functions, unique design structure and powerful permanent magnet arc extinguishing.

- The system enables the product to have a short-circuit capacity of 10kA, a mechanical life of more than 20,000 times, and a beautiful appearance.

- The installation guide rail is TH35-7.5 standard steel installation rail, and has the following characteristics: The handle is designed above the front face, and it has a strong sense of safety during operation.

- Feel comfortable, must pay attention to the "+, -" polarity when wiring, the power supply is in and out, which is in line with the characteristics of the power supply line, easy to install and save wires.



	Poles	Current In	Voltage
TYPE	2	20A	500V
	2	32A	500V
	2	63A	500V
	2	125A	500V
	4	20A	1000V

### Mechanical Features and Installation Features

Installation category	Class II / Class III
Mechanical Life	20000
Standard	GB14048.2, IEC60947-2
Terminal Connection type	Cable/U-type busbar/Pin-type busbar
Mounting	On Din rail EN 60715 / TH35-7.5
Connection	Top and bottom

# HELIOS DIRECT CIRCUIT BREAKER

Specifications	
Rated Current $I_n$ (A)	20 - 125
Rated Voltage $U_e$ (V)	500 - 1000
Insulation Voltage (V)	1000
Poles	2, 4
Rate impulse withstand voltage $U_{imp}$	4kV
Rate breaking capacity $I_{cs}=I_{cu}$	6kA
Breaking Capacity (A)	6,000
Protection degree	IP20
Contact position Indicator	Yes

