

DEL7-63DC SERIES

DC Miniature Circuit Breaker



PRODUCT APPLICATION

The circuit breaker has the functions of short circuit protection, overload protection, control, isolation and so on. It is suitable for terminal power distribution, civil construction, energy control, communication, and infrastructure construction fields.

PRODUCT BENEFITS

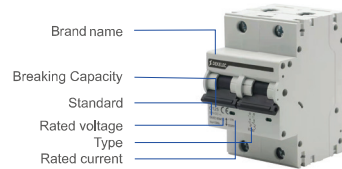
- Overload and the short circuit protection function
- Rated short circuit breaking capacity up to 6kA
- Non-polarity and Polarity both available
- Rated Current In up to 63A
- Rated Voltage up to 1200V
- Designed for PV, energy storage and other DC applications
- AS 60947.3:2018 and IEC60947.1:2015 standard
- 2 years warranty, product insurance, and recall insurance available

SELECT CODE

DE L7 - 63 D C / □□ / □ □
 1 2 3 4 5 6 7 8

Code	Name	Description
1	brand	DE
2	Structure	L7
3	Frame Current	63A
4	DC	D
5	Tripping curve	B C
6	Rated current	6:6A 10:10A 32:32A 16:16A 40:40A 20:20A 50:50A 25:25A 63:63A
7	Poles	1:1P 2:2P 3:3P 4:4P
8	Voltage	250V;550V;750V;1000V

APPEARANCE INTRODUCTION



TECHNICAL DATA

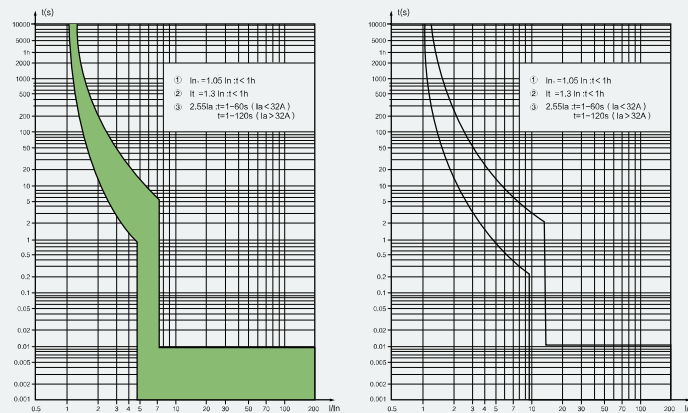
According to EN60947-2, AS/NZS IEC 60947.2:2015.

Pole		1P		2P		3P		4P		
		250V	300V	500V	600V	800V	750V	900V	1000V	1200V
Rated Working Voltage	Ue(DC)	250V	300V	500V	600V	800V	750V	900V	1000V	1200V
Frame Current		63A								
Rated Current	In	6A,10A,16A,20A,25A,32A,40A,50A,63A								
Rated Insulation Voltage	Ui	1200V								
Rated Impulse Withstand Voltage	Uimp	6kV								
Tripping Characteristics		B/C								
Tripping Type		Thermal Magnetic								
Rated Ultimate Short-Circuit Breaking Capacity	Icu	6KA		6KA		4.5 KA		6KA		6KA
Rated Service Short-Circuit Interrupting Capacity	Ics	6KA		6KA		4.5 KA		6KA		6KA
Electrical Life	Actual	500 Cycles(63A Frame)								
	Standard	300 Cycles								
Mechanical Life	Actual	10000 Cycles(63A Frame)								
	Standard	9700 Cycles								
Overvoltage Category		III								
Pollution Degree		3								
Ingress Protection		IP40; Wiring port IP20								
Resistance to humidity and heat		Class 2								
Relative Humidity		≤95%								
Vibration		acc. to IEC60068-2-6								
Shocks		acc. to IEC60068-2-27								
Terminal capacity		2.5×35mm ²								
Fastening Torque of Terminals		2.0℃3.5Nm								
Ambient Temperature		-30℃~70℃								
Storage Temperature		-40℃~85℃								
Installation Method		DIN								
Elevation		≤2000m								
Dimension		Width:72mm								
		High:87.5mm								
		Depth:76mm								
Weight		0.12kg/Pole								

CONTACTS CONFIGURATIONS

Pole	1P	2P	3P	4P
Contacts Configurations				

TRIPPING CHARACTERISTICS



DIMENSIONS

