Application DC MCB

TOB1Z-63 Series DC Miniature Circuit Breaker, apply to rating current 63A or less, Direct current, rating voltage 250V and 1000V. It is mainly used for the overloading and short circuit protection in DC, distribution system Equipment and electric equipment. It can be widely used in electric, post, traffic, miningenterprise and different kinds of fields.

Specifications

Item		DC MINI CIRCUIT BREAKER			
Code		TOB1Z-63			
Pole		1P	2P	3P	4P
Voltage		250VDC	600VDC	800VDC	1000VDC
Current		6A,10A,16A,20A,25A,32A,40A,63A			
Rated impact volt Uimp (KV)		4			
Run breaking capacity ICs(%Icu)		75%			
Standard		IEC/EN60947			
Trip type		thermal magnetic			
Breaking Capacity		6KA			
Characteristic Curve		C			
Mechanical	Actual average value	20000			
	Standard value	8500			
Electric	Actual average value	2500			
	Standard value	1500			
Working Temperature		“-5°”to +70°			
Relative humidity		≤95%			
Pollution Level		3			
Installation Environment		No obvious shock and vibration			
Protection Degree		IP20			
Electrical life		More than 8000times			
Mechanical life		More than 2000times			
Dimension(W)X(H)X(D)		18X80X71	36X80X71	54X80X71	72X80X71
Installation		35MM DIN RAIL			
Accessory		YES			
Installation Altitude		≤2000M			
Weight(KG)		0.12	0.24	0.36	0.48

Wiring:

Diagram A: **1P**
Wiring diagram of one pole DC 250V

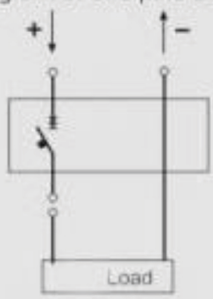


Diagram B: **2P**
Wiring diagram of two poles DC **600V**

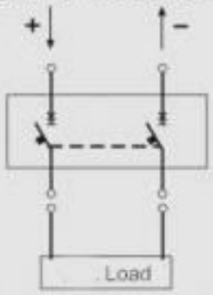


Diagram C: **3P**
Wiring diagram of three poles DC **800V**

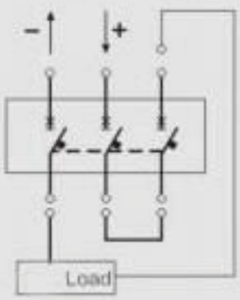


Diagram D: **4P**
Wiring diagram of four poles DC 1000V
(1)

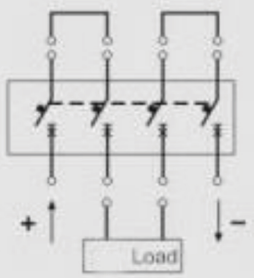


Diagram D: **4P**
Wiring diagram of four poles DC 1000V
(2)

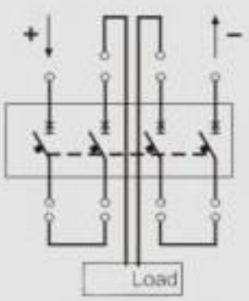
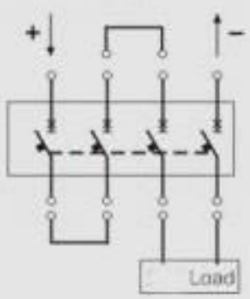


Diagram D: **4P**
Wiring diagram of four poles DC 1000V
(3)



○ Wiring Diagram Instructions

1.Power supply positive pole, power supply negative pole

2.L+ load positive pole, L− load negative pole

3.Forbid to connect power positive and negative pole inversely.