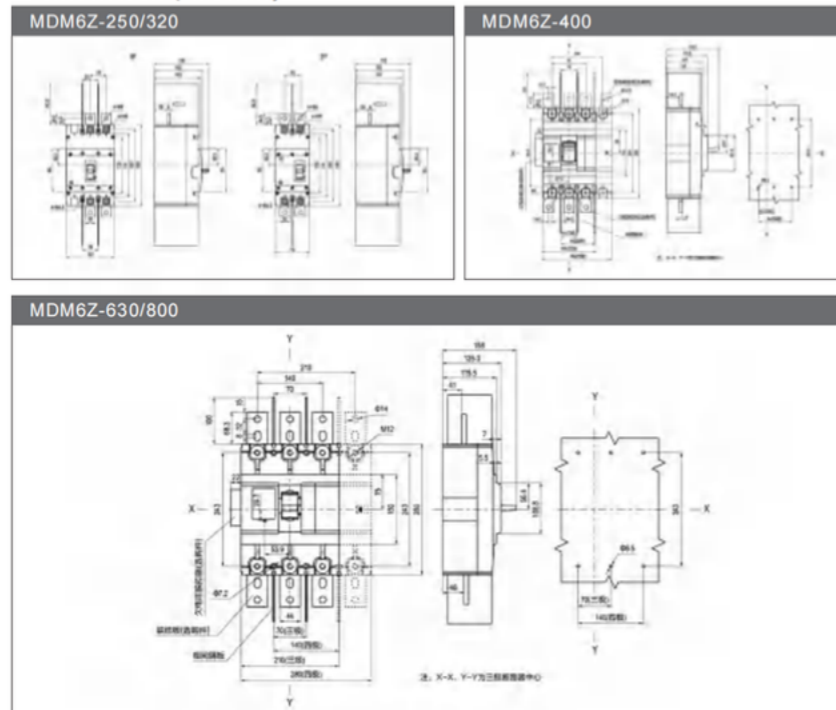


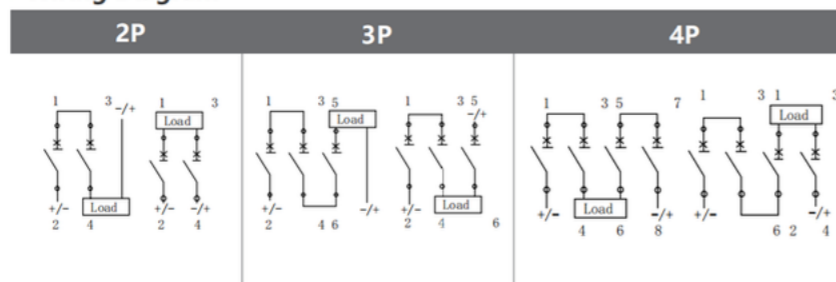
► Overview

MDM6Z series molded case circuit breaker, rated voltage up to DC1500V, current up to 400A. The breaking capacity of DC1500V is up to 10kA, which can reliably protect the system against short circuit.

► Dimensions(unit:mm)



► Wiring Diagram



► Technical Specification

Frame	MDM6Z-250		MDM6Z-320	MDM6Z-400				
	Number Of Poles	2		3	2		3	
Rated working voltage Ue(V)	DC500	DC1000	DC1500	DC250/500	DC750/1000	DC1250/1500	DC1250/1500	
Rated insulation voltage Ui(V)	DC1250		DC1500	DC1500				
Rated impulse withstand voltage Uimp(kV)	8		12	12				
Rated current In(A)	125, 140, 160, 180, 200, 225, 250		280, 315, 320	225, 250, 315, 350, 400				
Rated Ultimate Short-circuit Breaking Capacity Icu(ka)	H type	50	20	20	65	35	15	15 (2-pole String) 20 (3-pole String)
	R type	/	/	/	70	40	20	20 (2-pole String) 25 (3-pole String)
Rated Operating Short-circuit Breaking Capacity Lcs(ka)	Ics=100%Icu							
Wiring	Top In And Bottom Out, Bottom In And Top Out (2p, 320/3p) Bottom In And Bottom Out, Top In And Top Out (3p)							
Use Category	A							
Whether It Has Isolation Function	Tool							
Ambient Temperature	-35°C~+70°C							
Mechanical Life (times)	20000				10000			
Electrical Life (times)	3000	2000	1500	1000	1000	700	500	
Standards Compliant	IECJEN60947-2, GB/T14048.2							
Appendix	Excitation, Auxiliary, Alarm, Manual Operation, Electric Operation							
Certified	CCC, CE, TUV							
Size (L x W x H)	 180x76x126(2P) 180x107x126(3P)				 250x124x165(2P) 250x182x165(3P)			

Frame	MDM6Z-630				MDM6Z-800				
	Number Of Poles	2		3	2		3		
Rated working voltage Ue(V)	DC250/500	DC750/1000	DC1250/1500	DC1250/1500	DC250/500	DC750/1000	DC1250/1500	DC1250/1500	
Rated insulation voltage Ui(V)	DC1500								
Rated impulse withstand voltage Uimp(kV)	12				12				
Rated current In(A)	500 630				700 800				
Rated Ultimate Short-circuit Breaking Capacity Icu(ka)	H type	65	35	15	15 (2-pole String) 20 (3-pole String)	65	35	15	15 (2-pole String) 20 (3-pole String)
	R type	70	40	20	20 (2-pole String) 25 (3-pole String)	70	40	20	20 (2-pole String) 25 (3-pole String)
Rated Operating Short-circuit Breaking Capacity Lcs(ka)	Ics=100%Icu								
Wiring	Top In And Bottom Out, Bottom In And Top Out (2p, 320/3p) Bottom In And Bottom Out, Top In And Top Out (3p)								
Use Category	A								
Whether It Has Isolation Function	Tool								
Ambient Temperature	-35°C~+70°C								
Mechanical Life (times)	5000				5000				
Electrical Life (times)	1000	1000	700	500	1000	1000	700	500	
Standards Compliant	IECJEN60947-2, GB/T14048.2								
Appendix	Excitation, Auxiliary, Alarm, Manual Operation, Electric Operation								
Certified	CCC, CE, TUV								
Size (L x W x H)	 250x124x165(2P) 250x182x165(3P)				 250x124x165(2P) 250x182x165(3P)				

Remarks: 320 frame does not matter H: high breaking, R: current limiting type.