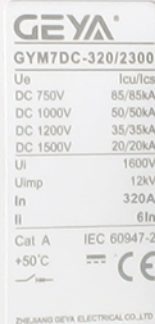


New energy high voltage circuit breaker



- Zero arc, +50°C
- It complies with UL 489 standard
- Single pole DC1500V Ics=10kA
- No capacity derating, no polarity, no capacity derating for reversing line



PUSH TO TRIP

Supreme • Prospective

Model	GYM7DC-320		GYM7DC-400/630		GYM7DC-1600			
Rated current	63、80、100、125、140、160、180、200、225、250、315、320		225、250、320、350、400、500、630		800A、1000A、1250A、1500A、1600A			
Number of poles	2P		2P		3P		4P	
Rated working voltage Ue DC	1500		1500		1500			
Rated insulation voltage Ui (V)			1800		1800			
Rated impulse withstand voltage Uimp (V)			12		12			
Power frequency withstand voltage (1min) (kV)			3500		3500			
Rated ultimate short-circuit breaking capacity Icu (V)	DC1200V	DC1500V	DC750V	DC1000V	DC750V	DC1000V	DC1200V	DC1500V
Rated service short-circuit breaking capacity Ics (kA)	35kA	20kA	85kA	50kA	50kA	30kA	15kA	10kA
Mechanical life (kA)			4000					
Electrical life (times)			10000		500			
Arc distance (times)	50、0 (with arc extinguishing chamber)				100			
Basic dimension W×L×H(mm)	90×215×136		110×275×152		3P: 210×340×244 4P: 280×340×244			
Instantaneous release (mm)			5In or 10In					
Reference ambient temperature (°C)			50℃					

New energy DC circuit breaker

Installation details of internal accessories for GYM7DCDC series molded case circuit breaker

Internal accessory code and installation location	Model		GYM7DC-320	GYM7DC-400/630	GYM7DC-1600	
	Number of poles		2P	2P	3P	4P
Accessory name						
00	None		—	—	—	—
08	Alarm contact					
10	Shunt release					
18	Shunt release+alarm contact		—			
20	Single auxiliary contact					
27	Dual auxiliary contacts					
28	Single auxiliary contact+alarm contact					
29	Dual auxiliary contacts+alarm contact		—			
30	Undervoltage release					
38	Undervoltage release+alarm contact		—			
40	Shunt release+single auxiliary contact		—			
48	Shunt release+auxiliary alarm contact		—			
62	Two sets of dual auxiliary contacts		—			
68	Single auxiliary contact+auxiliary alarm contact					
69	Dual auxiliary contacts+auxiliary alarm contact		—			
70	Undervoltage release+single auxiliary contact		—			



Note 1:
Code 50: 125, 160 require customized left undervoltage release; 250 requires customized left shunt release, with optional range of shunt and undervoltage voltage: DC24V, DC110V, DC220V, AC230V, AC400V; conventional: AC230V.