

GDM1 Moulded Case Circuit Breaker(AC MCCB)

● GDM1 series moulded case circuit breaker is a new type product developed and manufactured by Adopting international advanced technology. It is supplied with rated insulation voltage 800V and used for circuit of AC 50Hz, rated operation voltage AC 400V or below rated operation current up to 1600A for infrequent changing over and starting of the motors.



- In compliance with IEC/EN60947-2.
- With indicator function in the contact position.
- The circuit breaker can also be installed vertically or horizontally,
- Small size, high breaking capacity, short arcing.

The main technical parameters

Type	GDM1-125M-4P
Frame class rated current / Inm (A)	125 A
Rated current / In (A)	125 A
Rated working voltage / Ue (V)	400 V AC
Rated insulation voltage / Ui (V)	690 V AC
Ultimate breaking capacity / Icu (kA) 400/690V	50/10 kA
Service breaking capacity / Ics (kA) 400/690V	35/5 kA
Pole	4
Arcing distance	≥50
Order Code	260396

Action characteristics

No.	Test current name	I/Ir	Appointment time	Starting state
1	Conventional non-tripping current	1.05	2h(In>63A), 1h(In≤63A)	Cold state
2	Conventional tripping current	1.30	2h(In>63A), 1h(In≤63A)	Immediately after Test 1

Action characteristics

No.	Set current	appointment time	Starting state	Remark
1	1.0In	>2h	Cold state	
2	1.2In	≤2h	Immediately after Test 1	
3	1.5In	≤4min	Cold state	10≤In≤225
		≤8min	Cold state	225≤In≤630
4	7.2In	4s≤T≤10s	Cold state	10≤In≤225
		6s≤T≤20s	Cold state	225≤In≤630

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- With indicator function in the contact position.
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- Small size, high breaking capacity, short arcing.

The main technical parameters

Type	GDM1-250M-4P
Frame class rated current / Inm (A)	250 A
Rated current / In (A)	250 A
Rated working voltage / Ue (V)	400 V AC
Rated insulation voltage / Ui (V)	690 V AC
Ultimate breaking capacity / Icu (kA) 400/690V	50/10 kA
Service breaking capacity / Ics (kA) 400/690V	35/5 kA
Pole	4
Arcing distance	≥50
Order Code	260396

Action characteristics

No.	Test current name	I/Ir	Appointment time	Starting state
1	Conventional non-tripping current	1.05	2h(In>63A), 1h(In≤63A)	Cold state
2	Conventional tripping current	1.30	2h(In>63A), 1h(In≤63A)	Immediately after Test 1

Action characteristics

No.	Set current	appointment time	Starting state	Remark
1	1.0In	>2h	Cold state	
2	1.2In	≤2h	Immediately after Test 1	
3	1.5In	≤4min	Cold state	10≤In≤225
		≤8min	Cold state	225≤In≤630
4	7.2In	4s≤T≤10s	Cold state	10≤In≤225
		6s≤T≤20s	Cold state	225≤In≤630