

ADM1

Moulded Case Circuit Breaker



ADM1-100S



ADM1-400S



ADM1-630S

Application

ADM1 moulded case circuit breaker series is one of products developed and manufactured by adopting international advanced technology. It's supplied with rated insulation voltage 800V, suitable for AC 50Hz /60Hz, and rated operating voltage is 415V, rated operating current from 6A up to 1250A for power distribution and protection circuit and power supply from the damage occurred by overload, short circuit, under voltage. It also can be used as infrequent start and protection of overload, short circuit and under voltage. The product conforms to IEC 60947-2 standard.

Ø Applicable Ambient Temperature: -5° C~40° C

Main Technical Data

Model NO.	Rated Current(A)	Icu(kA) 415V/690V	Ics(kA) 415V/690V
ADM1-100S	16,20,25,32,40,50,63,	35/8	17.5/4
ADM1-100H	80,100	50/10	25/5
ADM1-225S	100,125,160,180,200,	35/8	17.5/4
ADM1-225H	225	50/10	25/5
ADM1-400S	225,250,315,	50/10	25/5
ADM1-400H	350,400	65/10	32.5/5
ADM1-630S	400,500,630	50/10	25/5
ADM1-630H		65/10	32.5/5
ADM1-800S	630,700,800	75	37.5
ADM1-800H		100	50
ADM1-1250H	700,800,1000,1250	80	40

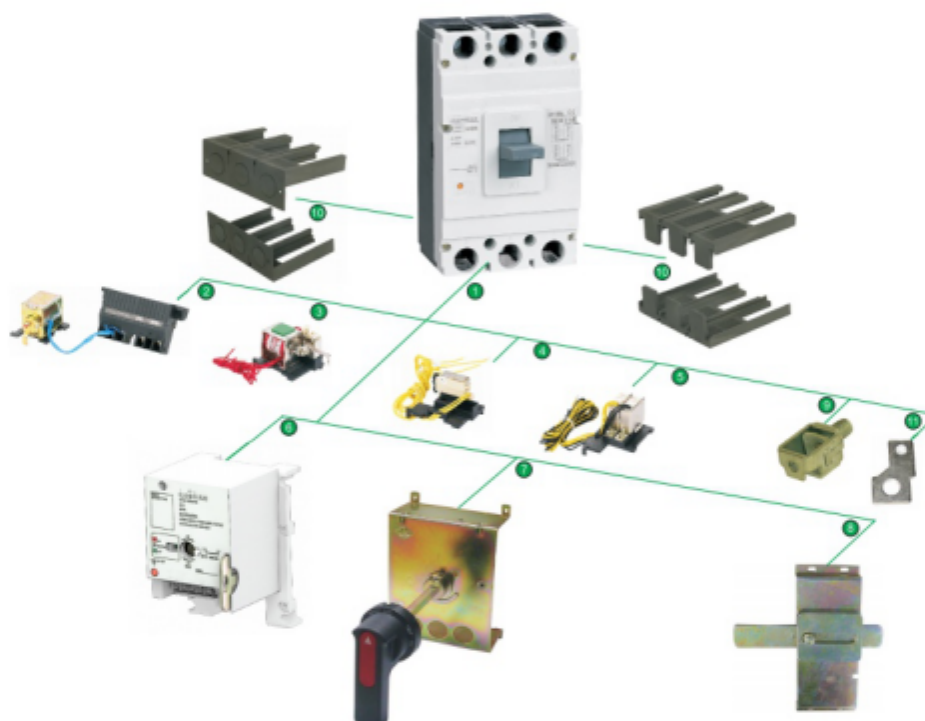
S-Standard Type;

H-High Breaking Ability;

Classification

Installation Type	Vertical installation, Horizontal installation
Wiring Type	Front connection, Back connection, Plug-in type
Handle Type	Direct operated handle , extend rotary handle, Motor operator
Tripping Type	Thermal magnetic tripping, Electronic tripping
Number of poles	3P, 4P

Modular System



1	MCCB (fixed type)
2	Under-voltage release
3	Shunt release
4	Alarm contact
5	Auxiliary contact
6	Motor-driven operation mechanism
7	Extended manual operation handle
8	Mechanical interlock
9	Cage clamp terminal
10	Terminal cover
11	Front connection plate

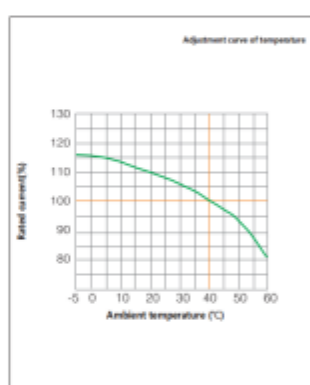
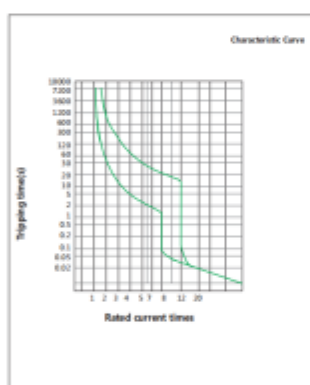
Tripping Characteristic

Electromagnetic tripping for Distribution protection

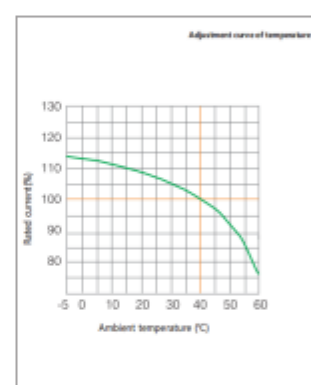
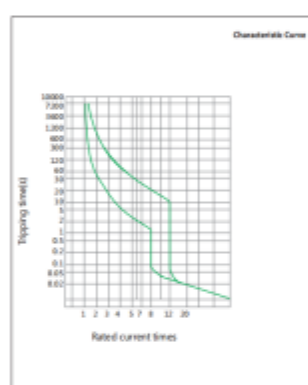
Rated Current(A)	Thermal tripping(Ambient temperature +40°C)		Electromagnetic trip action current (A)
	1.05In Cold state	1.30In Thermal state	
10 ≤ In ≤ 63	≥ 1	≤ 1	10In ± 20%
63 < In ≤ 100	≥ 2	≤ 2	5In ± 20%
100 < In ≤ 630	≥ 2	≤ 2	10In ± 20%

Electromagnetic tripping for Motor protection

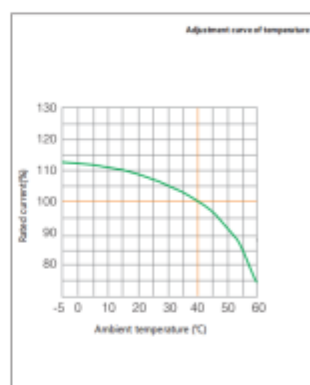
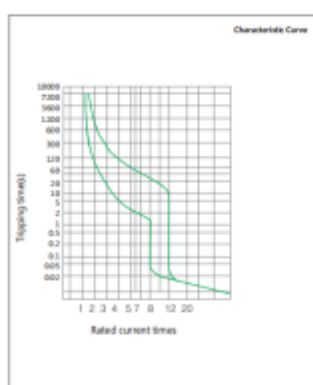
Rated Current(A)	Thermal tripping(Ambient temperature land type +40°C, ship type +45°C)				Electromagnetic trip action current (A)
	1.0In Cold state	1.2In Thermal state	7.2In Cold state	1.5In Thermal state	
100,160,225,250	≥ 2	< 2	≤ 4min	4s < Tp ≤ 10s	12In ± 20%
400,630	≥ 2	< 2	≤ 8min	6s < Tp ≤ 20s	



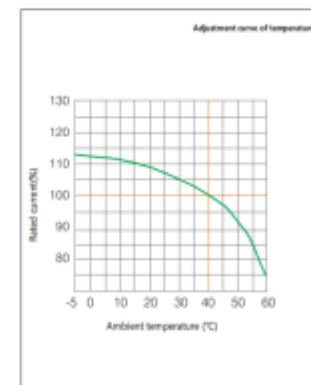
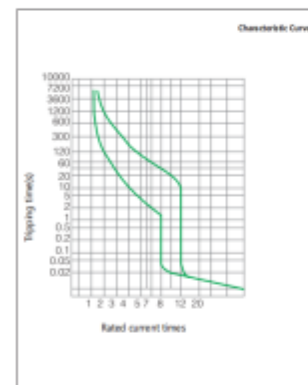
ADM1-100



ADM1-225



ADM1-400



ADM1-630/800