



DADA

Shanghai DaDa Electric Co., Ltd

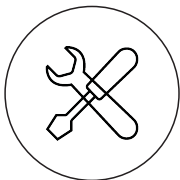
Molded Case Circuit Breaker

DAM3 series

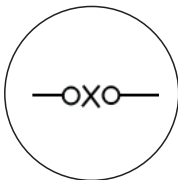
Compact size



Seven product highlights



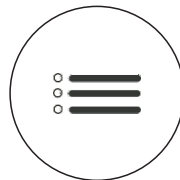
Easy
installation



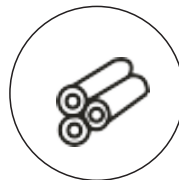
Short circuit
protection



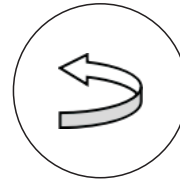
Overload
protection



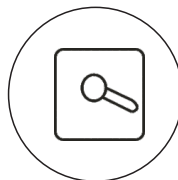
Variety
of wiring



Optimizing
material



High breaking
capacity



Complete
accessory



DaDa

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Molded Case Circuit Breaker

- Various Product Range 25A-1600A
- Reinforced Breaking Capacity 15-70 kA (at 400 V)
- Rated Insulation Voltage (U_i) 1,000 V
- Rated impulse withstand voltage (U_{imp}) 8KV



DAM3-160



DAM3-250



DAM3-400



DAM3-630



DAM3-1000



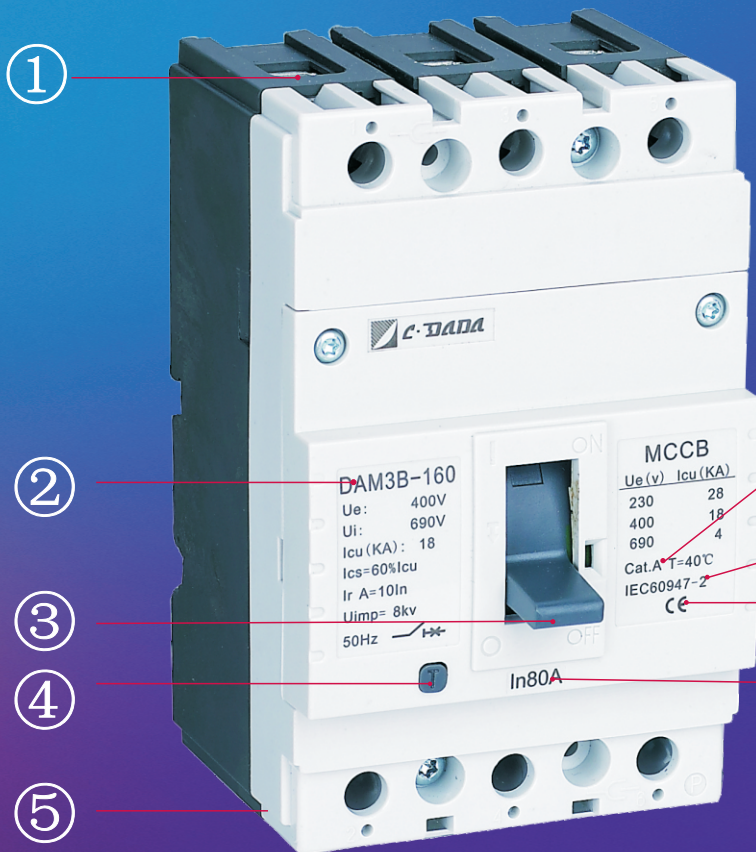
DAM3-1600



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External structure




- **Ui**: Rated insulation voltage
- **Uimp**: Rated impulse withstand voltage
- **Ue**: Rated operational voltage
- **Icu**: Rated short-circuit breaking capacity
- **Ics**: Service short-circuit breaking capacity

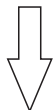
Molded Case Circuit Breaker

- | | | |
|----------------------|----------------------|------------------------|
| ① Line side terminal | ④ Test button | ⑦ CE marking |
| ② Model name | ⑤ Load side terminal | ⑧ Standards |
| ③ Operating handle | ⑥ Rated current | ⑨ Utilization Category |

Technical Features

DAM3 series MCCB									
Rated current of frame size Inm		[A]	[A]	160	250	400	630	1000	1600
Rated current		[A]		12.5-160	100-250	200-400	315-630	630 800 1000	1000 1250 1600
Number of poles				2/ 3 / 4	2 / 3 / 4	3 / 4	3 / 4	3 / 4	3 / 4
Rated operating voltage	(AC)50-60HZ	[V]		400/690	400/690	400/690	400/690	400/690	400/690
	DC	[V]		250/1000	250/1000	250/1000	250/1000	250/1000	250/1000
Rated impulse withstand voltage Uimp		[KV]		8	8	8	8	8	8
Rated insulation voltage Ui		[V]		1000	1000	1000	1000	1000	1000
Test voltage at industrial frequency for 1 min		[V]		3000	3000	3000	3000	3000	3000
Rated ultimate short-circuit breaking capacity Icu		[KA]		B	C	N	N	N	S
(AC)50-60HZ 220/230V		[KA]		25	36	55	55	55	80
(AC)50-60HZ 400/415V		[KA]		16	25	36	36	36	55
(AC)50-60HZ 690V		[KA]		4	8	15	15	15	20
(DC)250V-2 Poles in series				12	22	35	35	35	50
(DC)500V-2 Poles in series				6	12	18	18	18	22
(DC)750V-4 Poles in series				10	18	30	30	30	42
(DC)1000V-4 Poles in series				8	15	25	25	25	35
Rated service short-circuit breaking capacity, Ics		[KA]							
(AC)50-60HZ 220/230V		[%Icu]		60%	60%	60%	60%	60%	60%

Advantage for your benefit



Green indicator
OFF(O)



Red indicator
ON(I)



without color
Tripped

01

Visual Safety

Indication window

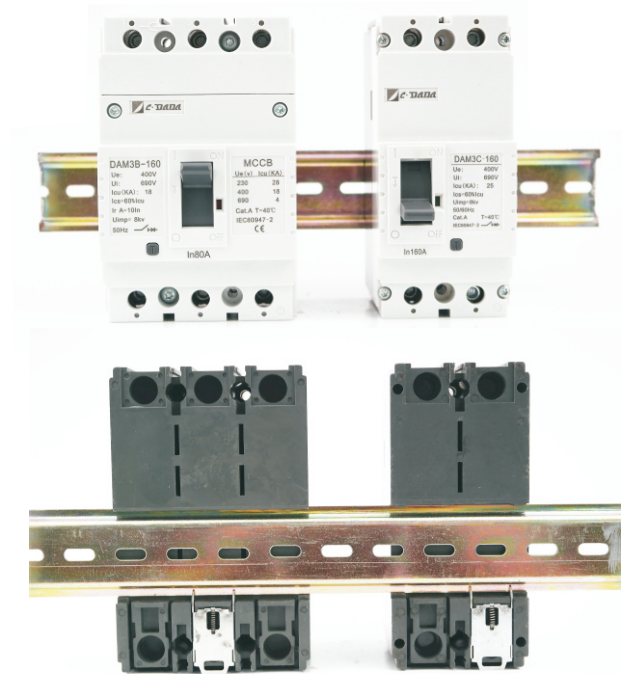
Coloured indicators display the ON or OFF status.

The indicators are fully covered if the breaker trips, and black is the only visible colour.

02

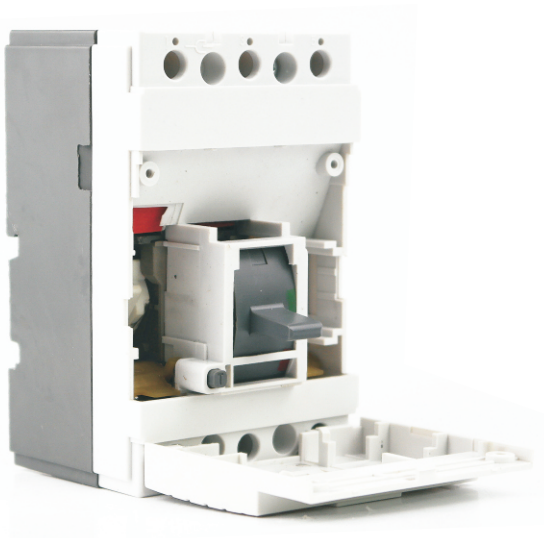
Mounting on 35mm DIN Rail

• It is easily fitted to the rear of 2/3 pole DAM3-160 models to allow clip mounting of the MCCB to 35mm DIN rail.



F
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t

B
a
c
k



03

Touch Safety

- The risk of touching live parts has been minimized by design. These features reduce the risk of touching live parts:
 - .There are no exposed metal screws on the front face
 - .IP20 protection at the terminals
 - .IP30 protection at the toggle
 - .If the toggle is broken by accident or misuse, no live part is exposed
 - .No live parts are exposed when fitting accessories

04

Multiple mounting options

- Numerous wiring accessories are available to assist installation.

Cable,lugs,extention terminals all available



Extention busbar



Cable

05

Arc chamber

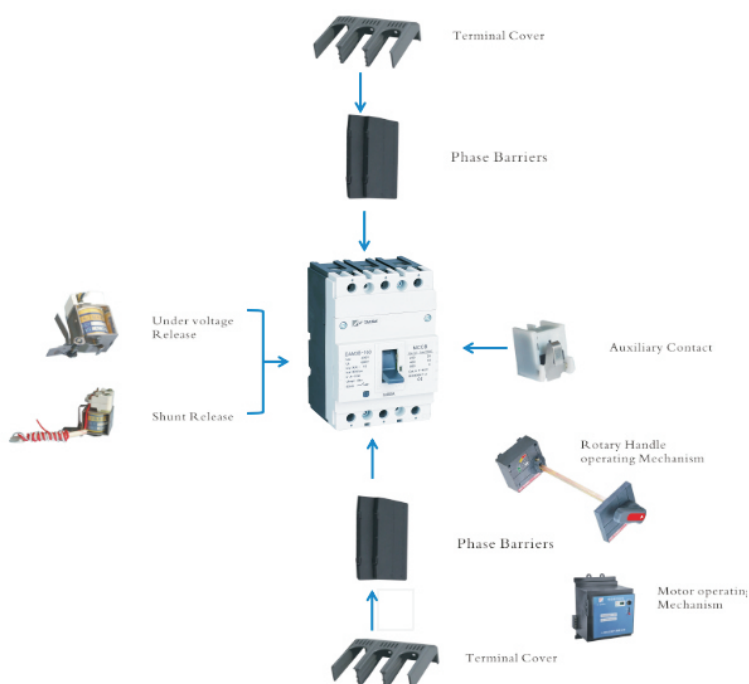
- Very outstanding arc chamber performance to reduce arc voltage in a very short period of time



06

Complete accessory

- Shunt release
- Alarm contact
- Under voltage
- Auxiliary contact
- Handle operating
- Electrical operating mechanism
- Plug-in device
- Draw-out device



Brand

CDADA

Series

DAM3 series

Model

DAM3-160

Breaking capacity

10/16KA

Pole

2P/3P/4P

Rated Current

12.5/16/25/32/40/50/63/80/100/125/160A

Ue

400/415V

Ui

1000V

Uimp

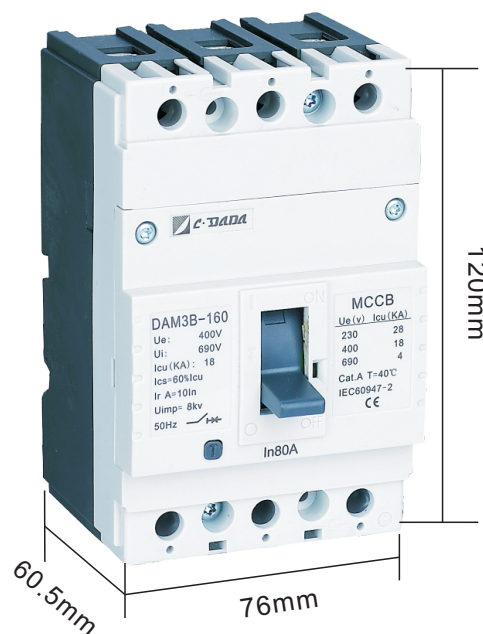
8kV

Feature

overload/short circuit protection

Certificate

CE,CB,CCC,ROHS



Brand	CDADA
Series	DAM3 series
Model	DAM3-250
Breaking capacity	18/25/35KA
Pole	3P/4P
Rated Current	63/80/100/125/160/200/250A
Ue	400/415V
Ui	1000V
Uimp	8kV
Feature	overload/short circuit protection
Certificate	CE,CB,CCC,ROHS



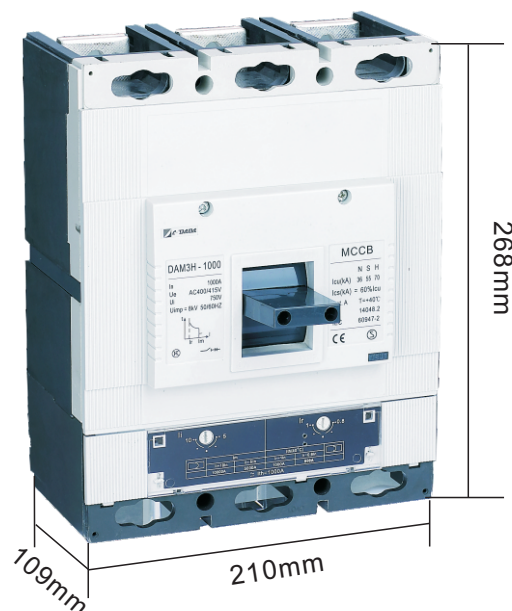
Brand	CDADA
Series	DAM3 series
Model	DAM3-400
Breaking capacity	30/36/55KA
Pole	3P
Rated Current	200/250/315/400A
Ue	400/415V
Ui	1000V
Uimp	8kV
Feature	overload/short circuit protection
Certificate	CE,CB,CCC,ROHS



Brand	CDADA
Series	DAM3 series
Model	DAM3-630
Breaking capacity	36/55KA
Pole	3P
Rated Current	200/250/315/400/500/630A
Ue	400/415V
Ui	1000V
Uimp	8kV
Feature	overload/short circuit protection
Certificate	CE,CB,CCC,ROHS



Brand	CDADA
Series	DAM3 series
Model	DAM3-1000
Breaking capacity	36/55/70KA
Pole	3P
Rated Current	400/500/630/800/1000A
Ue	400/415V
Ui	1000V
Uimp	8kV
Feature	overload/short circuit protection
Certificate	CE,CB,CCC,ROHS



Brand	CDADA
Series	DAM3 series
Model	DAM3-1600
Breaking capacity	55/70/85KA
Pole	3P
Rated Current	1000/1250/1600A
Ue	400/415V
Ui	1000V
Uimp	8kV
Feature	overload/short circuit protection
Certificate	CE,CB,CCC,ROHS



➤ Quality is Guaranteed

All products supplied from this catalogue carry a guarantee against defects in materials and workmanship for a period of 12 months from date of purchase as standard.

