DELIXI ELECTRIC | NAVIGATOR SERIES



CDM3T Transparent Moulded Case Circuit Breaker

Born to impress

Great shape, Priced right, Built to last

Great shape

The aesthetic inspiration ensures the quality. The D elements used unify the exterior design style; the new layout is used for easy identification, and the industrial aesthetics put into an unparalleled visual experience. Imported PC material is used with high transparency and with clear and visual breaking capacity.

Priced right

Each experience is meticulous, and the NAVIGATOR is honored. With its excellent performance, nationwide sales network, 400 hotline service and strong support of after-sales team, the product's cost performance is outstanding.

Built to last

Process ensures the quality, details upgrade brand. Innovative platform design, focusing to details for continuous innovation.

Safe and durable products can help each NAVIGATOR break the dilemma for ploughing on.

CDM3T Transparent Moulded Case Circuit Breaker



Small size, new trends, making safety visible

CDM3T series transparent moulded circuit breaker is suitable for AC circuit with rated operating voltage AC400/415V and with rated current 16-630A. It is a high-quality, transparent, and visual product to provide a stable electricity for temporary electrical applications such as industries, business, civil buildings, and infrastructures for electrical energy distribution and for protection of lines and power equipment to prevent fault risks such as overload, short circuit, and electric leakage.

Selling Points

- **Breaking visual**
  Imported PC material, high transparency and clear and visual breaking point
- **Complete frame specifications**
  Five frame specifications for selection by client
- **Safe and reliable**
  Flip cover design; the first dual-layer case transparent MCCB, dual insulation;rated min.residual operating current is 30mA; the non-delay type residual current breaking time is <0.1s
- **Wide application**
  Impact resistance, corrosion resistance, high flame retardance, adapt to harsh working enviroment such as construction site

Applications





Infrastructure construction sites, temporary construction sites for urban construction;



Rural infrastructure, such as vegetable greenhouses,and agricultural irrigation;



Electricity applications such as aquaculture,wood workshops, new drought drought resistance and flood drainage in abnormal years.

CDM3T Transparent Moulded Case Circuit Breaker

Product Overview

■ Applied standard

- GB 14048.1 General
- GB14048.2 Circuit breaker
- IEC 60947-1 General
- IEC 60947-2 Circuit breaker



■ Pollution level

- The CDM3 running pollution level is Level 3
- Used in the environment (industrial environment) defined in the IEC 60947-1 and 60664-1

■ Resistance to humid heat

- Dry cold, dry heat, humid heat

■ Ambient temperature

- CDM3T series can work in the -5~40°C normal environment and running temperature conditions for long time
- When the working environment exceeds 40°C (motor protection exceeds 60°C), please refer to the temperature rerating coefficient table, or contact our company
- Storage temperature: -20°C~70°C

■ Altitude

- The altitude of the normal working and installation site does not exceed 2000m
- If installed at places where the altitude exceeds 2000m, the factors such as changes of dielectric strength and air temperature reduction must be considered. Refer to the altitude derating coefficient table, or contact our company.

■ Humidity

Under the normal working condition, the following requirements shall be met:

- When the ambient air temperature is +40°C, the relative humidity of atmosphere does not exceed 50%. If the temperature is lower, the product can work under the higher relative humidity conditions.
- The monthly mean relative humidity of the wettest month is 90%.
- The influence of the condensation generated on the product surface on the product performance shall be considered.

■ Reliable contact indicator with isolation function

CDM3T series moulded case circuit breaker complies with the isolation requirements defined in the IEC standard 60947-2

- The isolation position corresponds to the O (OFF) position
- Only when the contact opens truly, the operating handle can indicate the “OFF” position
- Rotating the handle or manual mechanism may not change the reliability of the contact indicating system

By test, the isolation function must ensure:

- Mechanical reliability of contact indicating system
- No leakage current
- There is a certain overvoltage withstand capacity between the inlet and outlet terminals

■ Protection grade

- Circuit breaker body: the IP protection grade is IP20
- Circuit breaker installed in the switchgear: circuit breaker with a toggle handle: IP40
  Circuit breaker with a motor mechanism: IP40

Product Selection

■ CDM3T moulded case circuit breaker

Product model	Frame current	Breaking capacity		Number of poles	Trip way	Accessories	Protection type	Operating method	Installation method	Rated current
CDM3T	- 100	S	/	3	3	00	2	Default	Default	63A
	100:100A 125:125A 160:160A 250:250A 400:400A 630:630A	S L F		3: 3-pole	2: Single magnetic trip 3: Thermal magnetic trip	00: No accessory 08: Alarm 10: Shunt 20: Aux. 30: Undervoltage 40: Shunt + Aux. 50: Shunt + Undervoltage 60: Two sets of aux. 18: Shunt + Alarm 28: Aux. + Alarm	Default, power distribution protection 2: Motor protection	Default: Operation via handle	Default: Fixed type front-panel	16A 20A 25A 32A 40A 50A 63A 80A ... 630A

Note:

1.Shunt/aux./alarm contact has terminal and lead wire types; lead wire type is as standard configuration; the default length of lead wire is 500mm;

2.Standard configuration of common product: phase partition, mounting screw (no wiring copper busbar);

3.For breaking capacity, refer to the catalogue or the front information on product.

■ CDM3LT moulded case circuit breaker

Product model	Frame current	Breaking capacity		Number of poles	Trip way	Accessories	Protection type	4-pole type	Operating method	Installation method	Rated current	Rated residual operating current	Extreme non driving time
CDM3LT	- 125	S	/	4	3	00	2	A	Default	Default	63A	03/1/3	
	125:125A 250:250A	S		4: 4-pole	2: Single magnetic trip 3: Thermal magnetic trip	00: No accessory 08: Alarm 10: Shunt 20: Aux. 40: Shunt + Aux. 60: Two sets of aux. 18: Shunt + Alarm 28: Aux. + Alarm	Default, power distribution protecion 2: Motor protection	A: Three protective poles are equipped with unopenable and un-closeable neutral lines B: Three protective poles, N pole can be openable and closeable	Default: Operation via handle	Default: Fixed type front-panel	16A 20A 25A 32A 40A 50A 63A ... 250A	30/100/300mA 100/300/500mA	Default: Non-delay 1:0.1/0.2/0.3s delay 2:0.4/0.5/1s

30/100/300mA: 03/1/3
100/300/500mA:1/3/5

Note:

1.Shunt/aux./alarm contact has terminal and lead wire types; lead wire type is as standard configuration; the default length of lead wire is 500mm;

2.Standard configuration of common product: phase partition, mounting screw (no wiring copper busbar);

3.The fixed type delay product shall be ordered specially;

4.For breaking capacity, refer to the catalogue or the front information on product;

5.Rated residual operating current 30/100/300mA is available only for non-delay product.

Technical Parameters

■ CDM3T moulded case circuit breaker

Frame current		CDM3T-100	CDM3T-125	CDM3T-250	CDM3T-400	CDM3T-630
Rated volage Ue(V)				AC400/415V		
Rated insulation voltage Ui(V)		AC800V	AC800V	AC800V	AC800V	AC800V
Rated impulse withstand voltage Uimp(kV)		8	8	8	8	8
Rated current In(A)		16, 20, 25, 32, 40, 50, 63, 80, 100	40, 50, 63, 80, 100, 125	100, 125, 140, 160, 180, 200, 225, 250	200, 225, 250, 315, 350, 400	400, 500, 630
Number of poles		3	3	3	3	3
		S	L	S	F	F
Rated limit short-circuit breaking capacity Icu(kA)	AC400/415V	25	35	35	50	50
Rated run short-circuit breaking capacity Ics(kA)	AC400/415V	15	21	21	30	30
Mechanical life	AC400/415V	20000	20000	20000	10000	10000
Electrical life	AC400/415V	8000	8000	8000	7500	7500
Protection type	Power distribution protection	■	■	■	■	■
	Motor protection	■	■	■	■	■
Trip mode	Thermal magnetic trip	■	■	■	■	■
	Single magnetic trip	■	■	■	■	■
Installation method	Fixed type front-panel wiring	■	■	■	■	■
Optional accessories	Undervolage release	■	■	■	■	■
	Shunt release	■	■	■	■	■
	Alarm contact	■	■	■	■	■
	Aux. contact (one-open and one-closed)	■	■	■	■	■
	Aux. contact (two-open and two-closed)	■	■	■	■	■
	Extended terminal	■	■	■	■	■
	Phase partition	■	■	■	■	■
Independent Installation of accessories		■	■	■	■	■
Isolation function		■	■	■	■	■
Usage category		Class A	Class A	Class A	Class A	Class A
Certification		CCC	CCC	CCC	CCC	CCC
Outline dimensions L*W*H	3P(mm)	75*130*68	92*150*75.5	107*165*76	150*257*107.5	150*257*107.5

Notes:
CDM3T-100/125AF, When the rated current is 40A and below, for power distribution protection and motor protection, the short-circuit operating current is 400A;
When the rated current is greater than 40A, for power distribution protection, the short-circuit operating current is 10In; for motor protection, the short-circuit operating

■ CDM3LT moulded case circuit breaker

Frame current		CDM3LT-125	CDM3LT-250
Rated voltage Ue(V)		AC400/415V	AC400/415V
Rated insulation voltage Ui(V)		AC800V	AC800V
Rated impulse withstand voltage Uimp(kV)		8	8
Rated current In(A)		16, 20, 25, 32, 40, 50, 63, 80, 100, 125	100, 125, 140, 160, 180, 200, 225, 250
Number of poles		4 (A, B)	4 (A, B)
Rated residual operating current IΔn mA (three gears adjustable)	Non-delay type	30mA,100mA,300mA	30mA,100mA,300mA
		100mA,300mA,500mA	100mA,300mA,500mA
	Delay type	100mA,300mA,500mA	100mA,300mA,500mA
Rated residual operating current IΔn mA(fixed type) (ordered specially)		30,100,300,500mA	30,100,300,500mA
Non-delay type: breaking time s		<0.1	<0.1
Fixed delay: Limit non-drive time when 2IΔn, s (specially ordered)		0.1/0.2/0.3/0.4/0.5/1s	0.1/0.2/0.3/0.4/0.5/1s
Delay adjustable type: Limit non-drive time when 2IΔn, s (conventional)		Delay 1: 0.1/0.2/0.3s	Delay 1: 0.1/0.2/0.3s
		Delay 2: 0.4/0.5/1s	Delay 2: 0.4/0.5/1s
		S	S
Rated limit short-circuit breaking capacity Icu(kA)	AC400/415V	35	35
Rated run short-circuit breaking capacity Ics(kA)	AC400/415V	21	21
Mechanical life	AC400/415V	20000	20000
Electrical life	AC400/415V	8000	8000
Protection type	Power distribution protection	■	■
	Motor protection	■	■
Trip mode	Single magnetic trip	■	■
	Thermal magnetic trip	■	■
Installation method	Fixed type front-panel wiring	■	■
Optional accessories	Shunt release	■	■
	Alarm contact	■	■
	Aux. contact (one-open and one-closed)	■	■
	Aux. contact (two-open and two-closed)	■	■
	Extended terminal	■	■
	Phase partition	■	■
Independent Installation of accessories		■	■
Isolation function		■	■
Usage category		Class A	Class A
Certification		CCC	CCC
Outline dimensions L*W*H	4P (mm)	122*150*93.5	142*165*94

Notes: 1. When the rated residual current IΔ n is 300mA-100mA-300mA, its delay time only selects non-delay type;
2. For 4P A type, no isolation function is available.

■ Derating coefficient table

Working at the 2000m or below altitude will not cause influence on the performance of circuit breaker. If the altitude exceeds this value, the reduction factor of air insulation features and cooling capacity must be considered: the coefficient listed in the table below must be used for correction.

	2000	2500	3000	3500	4000	4500	5000
	800	728	728	664	664	616	616
Impulse withstand voltage Uimp (kV)	8	7	7	6.5	6.5	6	6
Max. operating voltage Ue (V)	690	690	690	660	600	600	550
Rated operating current under 40°C environment In (A)	1.0In	0.98In	0.94In	0.92In	0.88In	0.86In	0.85In

Note:
In the plateau environment, the breaking capacity shall be derated according to the corresponding rated operating voltage, generally 75%~50% is selected, which is inversely proportional to the altitude. For details, please contact the Delixi Electric Technical Department.
Refer to the GB/T 20645 Special environmental conditions - Technical requirements of low-voltage appliances for plateaus.

■ Temperature influence characteristics

Influence of high temperature on the release performance (high temperature derating characteristics)

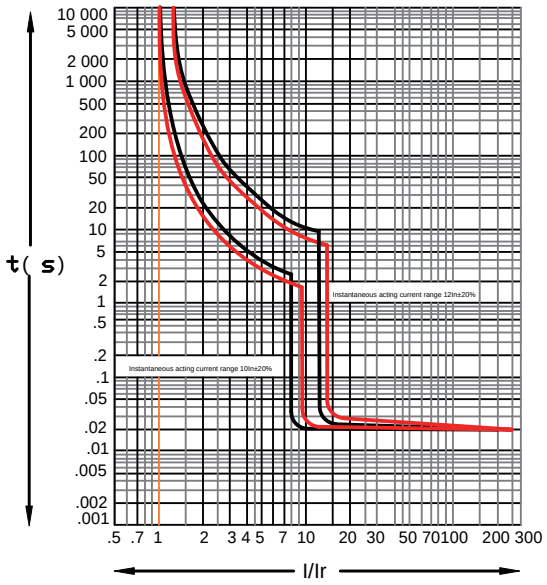
When the temperature exceeds 40°C, the overload protection will change very slightly. In the release time/current curve, the Ir setting value of circuit breaker must be corrected according to the coefficient listed in table below:

Circuit breaker model	Ambient temperature °C				
	40	45	50	55	60
CDM3T-100	1	0.96	0.89	0.83	0.75
CDM3T-125 CDM3LT-125	1	0.96	0.89	0.83	0.75
CDM3T-250 CDM3LT-125	1	0.92	0.85	0.79	0.71
CDM3T-400/630	1	0.94	0.87	0.81	0.73

■ Trip curve

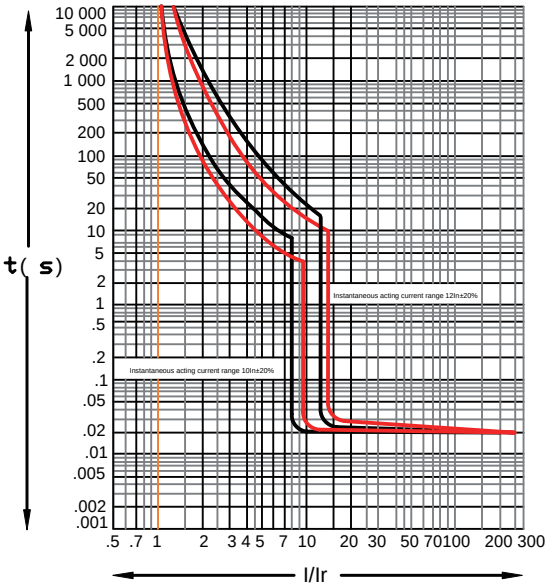
CDM3T-100/125 CDM3LT-125

CDM3T-100/125 40-100A CDM3LT-125 black line is for power distribution protection, and the red line for motor starting protection;



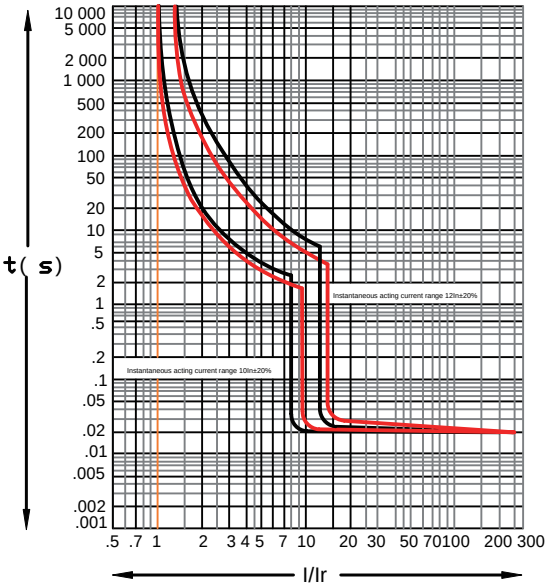
CDM3T-250 CDM3LT-250

CDM3T-250 CDM3LT-250 100A-250A black line is for power distribution protection, and the red line for motor starting protection;



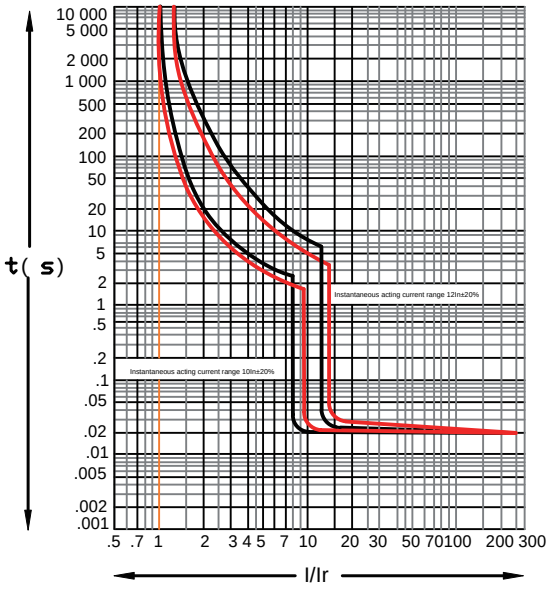
CDM3T-400

CDM3T-400 200A-400A black line is for power distribution protection, and the red line for motor starting protection;



CDM3T-630

Black line is for power distribution protection, and the red line for motor starting protection;



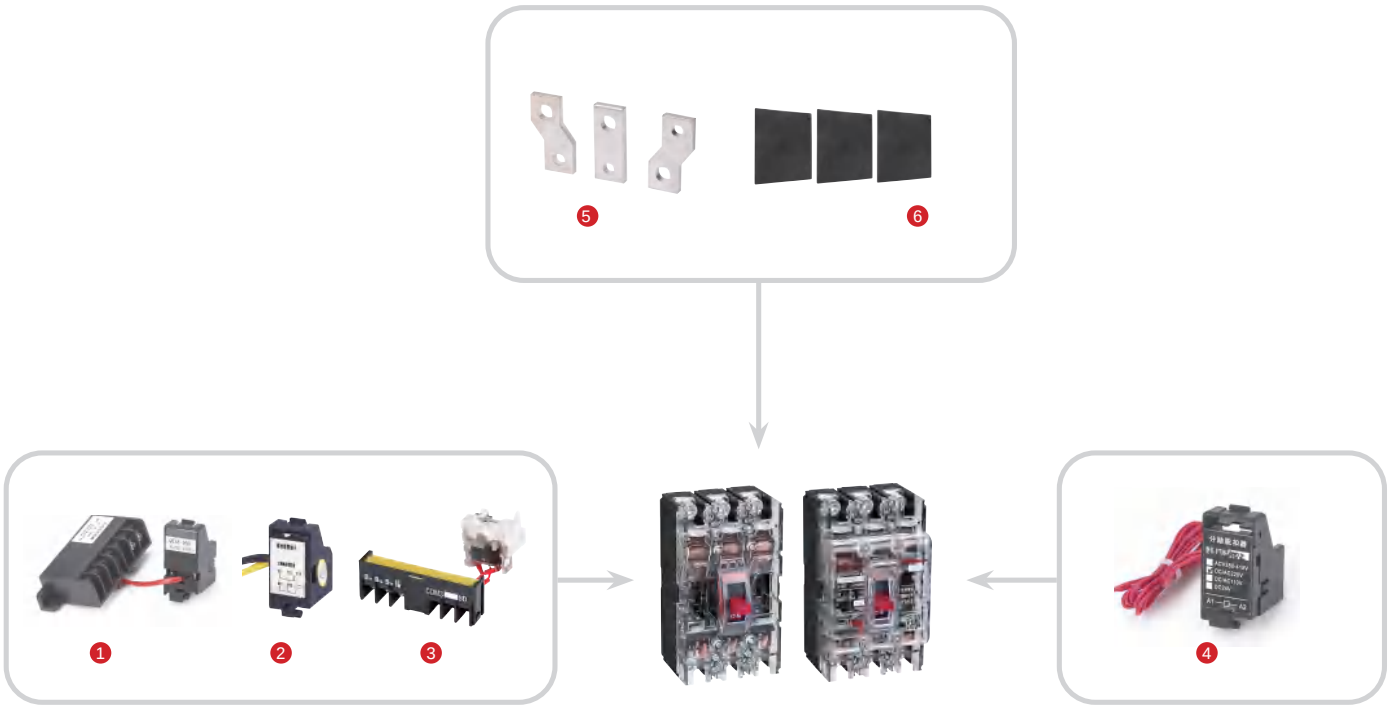
Product Accessories

■ Accessory products list

· Electrical accessories: shunt release, undervoltage release, aux. contact, alarm contact, aux. alarm integration

· Mechanical accessories: phase partition, extended terminal

■ Accessories exploded view



1	Undervoltage release	3	Alarm contact	5	Extended terminal
2	Aux. contact	4	Shunt release	6	Phase partition

■ CDM3T Electrical accessories installation position

□ Alarm contact ■ Aux. contact ● Shunt release ○ Undervoltage release






Accessory code		Accessory name	Product name		
Electromagnetic type	Combined type		CDM3T-100/125	CDM3T-250	CDM3T-400/630
208	308	Alarm contact	□	□	□
210	310	Shunt release			
220	320	Aux. contact	■	■	■
230	330	Undervoltage release			
240	340	Aux. + Shunt	■	■	■
250	350	Undervoltage + Shunt			
260	360	Two sets of aux. contacts	■■	■■	■■
218	318	Alarm + Shunt	□	□	□
228	328	Aux. + Alarm	□■	□■	□■

Note: 200 means that the circuit breaker has only an electromagnetic release; 300 means that the circuit breaker has thermal trip + electromagnetic release;

■ CDM3T Electrical accessories installation position

□ Alarm contact ■ Aux. contact ● Shunt release





Accessory code		Accessory name	Product name	
Electromagnetic type	Combined type		CDM3LT-125	CDM3LT-250
208	308	Alarm contact	□	□
210	310	Shunt release		
220	320	Aux. contact	■	■
240	340	Aux. + Shunt	■	■
260	360	Two sets of aux. contacts	■■	■■
218	318	Alarm + Shunt	□	□
228	328	Aux. + Alarm	□■	□■

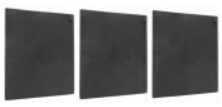
Notes: 1. All shunt release accessories of product are only installed at the left side;

2. For 4PA product, only one accessory is installed at the left side;

3. For 4PB product, two accessories are installed, but the shunt release must be installed at the left side;

■ Mechanical accessories

Phase partition



· The phase partition can enhance the insulation performance of conductor located between phases; even after the switch is installed, it can be mounted from the front chute.

· Phase partitions are as standard configuration, and one circuit breaker has 4 pieces (for 3P) or 6 pieces (for 4P).

Extended terminal



The extended terminal can be connected to the standard terminal of the circuit breaker, to provide multiple wiring schemes in a smaller space;

· Straight extended terminal

· Pole spacing extended terminal

■ Electrical accessories

Aux. contact



· It is an accessory connected in the auxiliary circuit of the switching device to indicate the circuit breaker is in the energized (ON) or de-energized (OFF or Trip) state;

Alarm contact



It is an accessory used to indicate the circuit breaker is in the non-trip (ON or OFF) or trip (Trip) state; when the alarm contact indicates that the circuit breaker is at the Trip state, there are five fault situations:

· Overload or short circuit fault

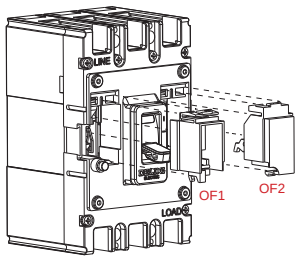
· Residual current fault

· Artificial test button trip

· Shunt release action

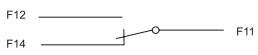
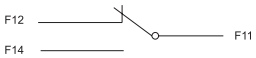
· Line fault, undervoltage release action

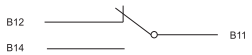
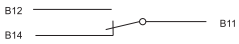
Electrical parameters of alarm contact			
Resistive current (A)		3A	
Usage category (GB14048.5-1)		AC15	DC13
Operating voltage 50/60Hz	AC400V	0.3A	-
	DC220V	-	0.15A



Auxiliary contact Installation diagram

Electrical wiring diagram

Accessory name	ON	OFF/Trip
Aux.		

Accessory name	ON/OFF	Trip
Alarm		

Shunt release



· When the voltage is 70%-110% of the rated control power voltage, the shunt release can work to reliably trip the circuit breaker;

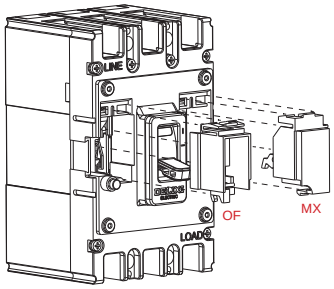
· The circuit breaker can reset locally after trip by the shunt release.

Circuit breaker model	Shunt coil power (W)		
	AC400V	AC230V	DC24V
CDM3T-100	91.6	76.1	91.2
CDM3T-125 CDM3LT-125	96.8	73	91.2
CDM3T-250 CDM3LT-250	112	68.6	85.3
CDM3T-400	67	62.3	100
CDM3T-630	68	58.2	100



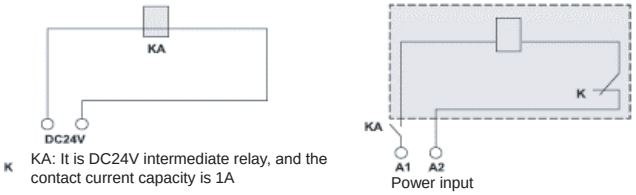
When the rated control voltage of the shunt release is DC24V, the maximum length of copper wire meets the following requirements:

Sectional area of wire / Rated control power voltage Uc (DC24V)	1.5mm^2	2.5mm^2
100%Uc	150m	250m
85%Uc	100m	160m



MX installation diagram

If failed to meet the requirements of the above table, it is recommended to design the shunt release control circuit according to the figure below:



KA: It is DC24V intermediate relay, and the contact current capacity is 1A

Power input

Undervoltage release

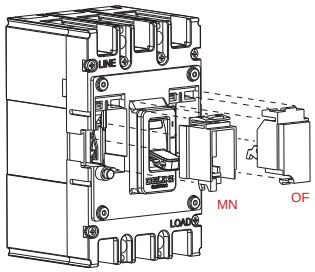
· When the voltage is 35%-70% rated operating voltage, the undervoltage release shall work to make the circuit breaker trip reliably;

· When the voltage is 80%-110% rated operating voltage, the undervoltage release shall work to close the circuit breaker;

· When the voltage is below 35% rated operating voltage, the undervoltage release shall prevent the circuit breaker from being closed;

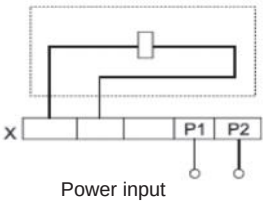


Circuit breaker model	Undervoltage coil power (W)	
	AC400V	AC230V
CDM3T-100	4	3.1
CDM3T-125	3.9	3.2
CDM3T-250	4.3	3.3
CDM3T-400	3.6	2.5
CDM3T-630	3.4	2.5



Undervoltage release Installation diagram

Undervoltage release electrical wiring diagram

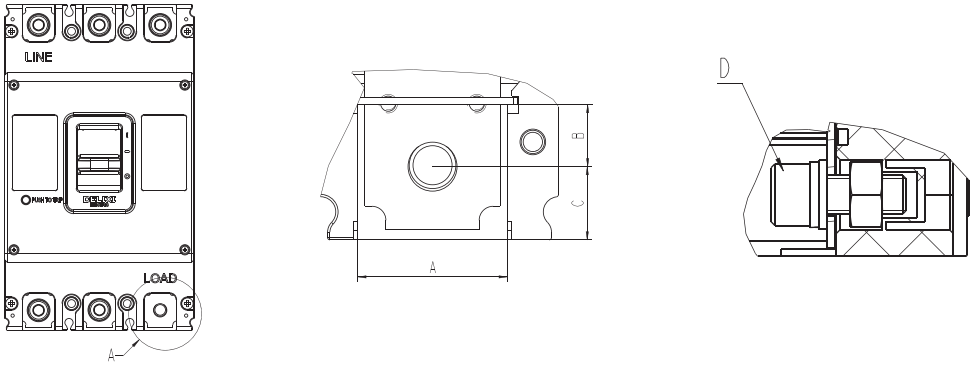


Power input

Wiring diagram
Note: X-Wiring terminal block
Note: The internal accessory wiring diagram of circuit breaker is marked in the dashed box

Outline and Installation Dimensions

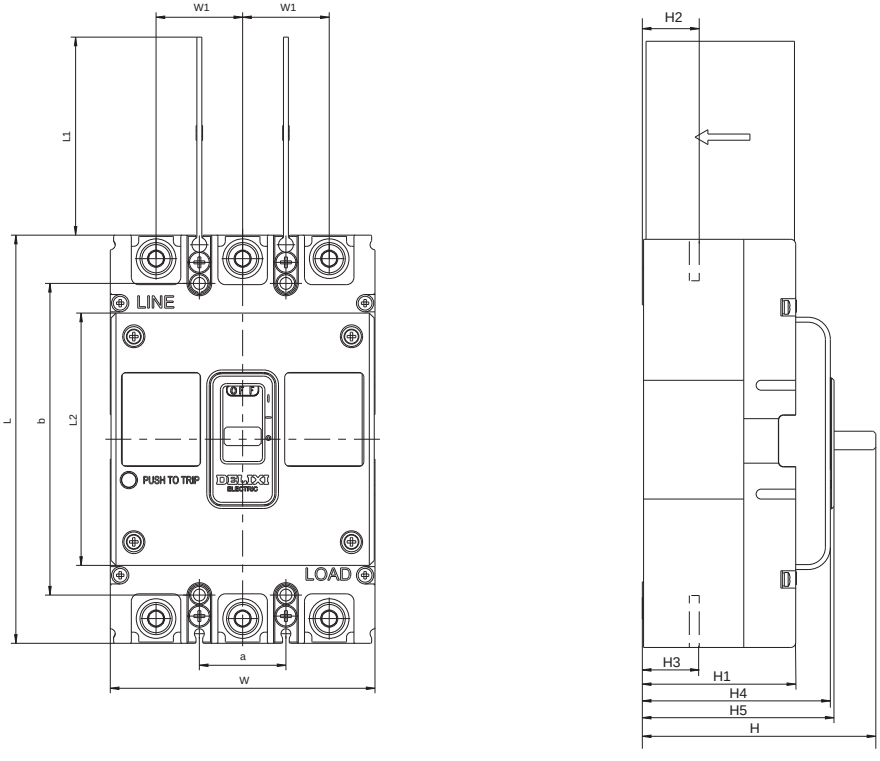
■ CDM3T terminal block mounting hole diagram



Model	A	B	C	D	Max. wiring capacity of DIN46235 cable lug
CDM3T-100	16	7.5	7	M8X16	25mm^2
CDM3T-125	18	7.5	9	M8X16	25mm^2
CDM3T-250	25	12.5	9.5	M8X20	70mm^2
CDM3T-400	32	14	16	M10X25	120mm^2
CDM3T-630	32	14	16	M10X35	120mm^2

Notes: 1. The above models of circuit breaker can be equipped with DIN46235 cable lugs;
2. If out of the wiring capacity, please purchase the extended terminal accessories from our company.

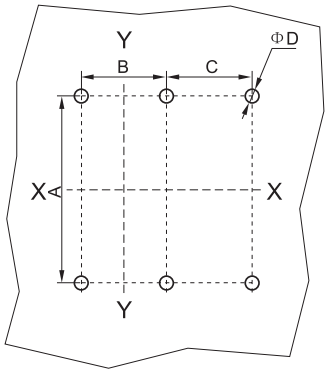
■ CDM3T fixed-type front-panel installation dimensions



Frame	Number of poles	Outline dimensions											Installation dimensions	
		L	L1	L2	W	W1	H	H1	H2	H3	H4	H5	a	b
100	3P	130	50	83	75	25	81.5	56	24	24	68	70.5	25	111
125	3P	150	50	96	92	30	93.5	63	24	24	75.5	77.5	30	129
250	3P	165	80	102	107	35	94.5	62	23	23	76	77.5	35	126
400	3P	257	104.5	150	150	48	145.9	96.2	36	36/36.5	107.5	112.5	44	215
630	3P	257	104.5	150	150	48	145.9	96.2	38	39	107.5	112.5	44	215

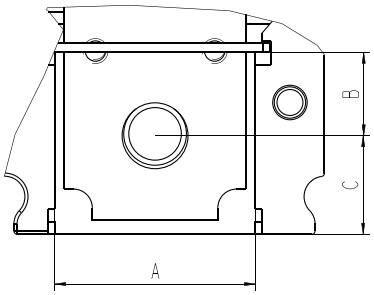
■ CDM3T fixed type front-panel mounting hole dimensions

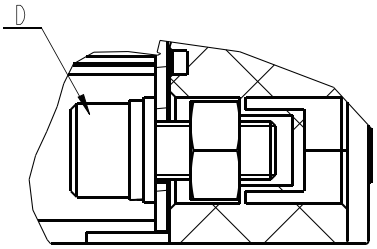
Frame	Number of poles	A	B	C	D
100	3P	111	25	/	4.5
125	3P	129	30	/	5
250	3P	126	35	/	5.5
400/630	3P	215	44	/	6.5



Note: X-X and Y-Y are center of three-pole circuit breaker

■ CDM3LT terminal block mounting hole diagram

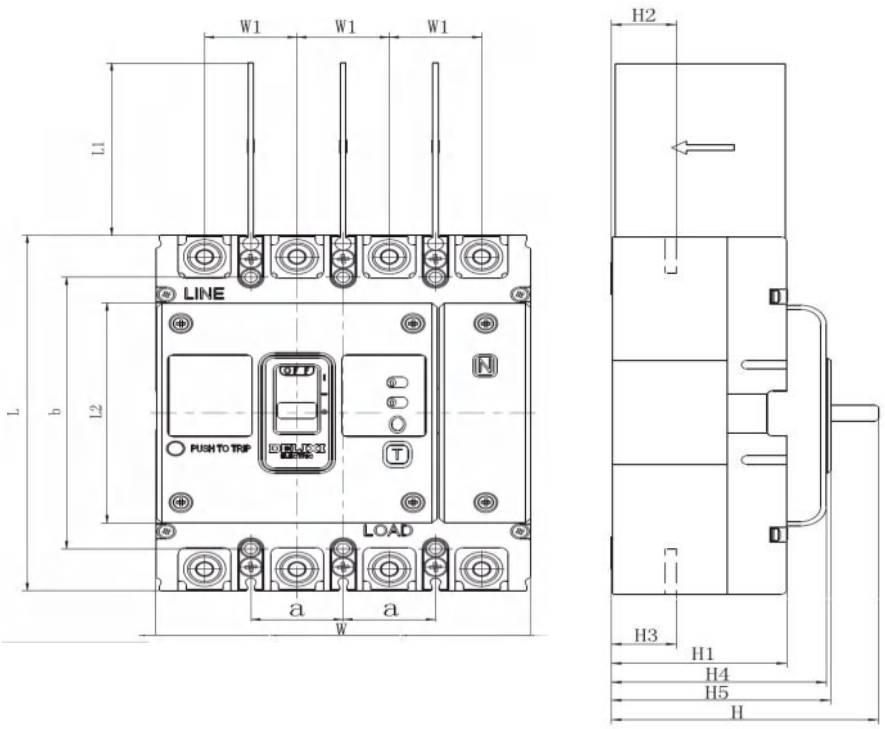




Model	A	B	C	D	Max. wiring capacity of DIN46235 cable lug
CDM3LT-125	18	7.5	9	M8×16	25mm^2
CDM3LT-250	25	12.5	9.5	M8×20	70mm^2

Notes: 1. The above models of circuit breaker can be equipped with DIN46235 cable lugs;
2. If out of the wiring capacity, please purchase the extended terminal accessories from our company.

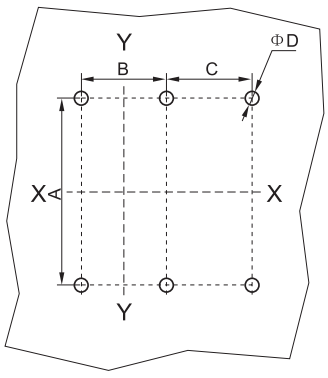
■ CDM3LT fixed-type front-panel installation dimensions



Frame	Number of poles	Outline dimensions											Installation dimensions	
		L	L1	L2	W	W1	H	H1	H2	H3	H4	H5	a	b
125	4P	150	50	96	122	30	111.5	81	28.5	28	93.5	95.5	30	129
250	4P	165	80	102	142	35	112.5	80	23	23	94	95.5	35	126

■ CDM3LT fixed type front-panel mounting hole dimensions

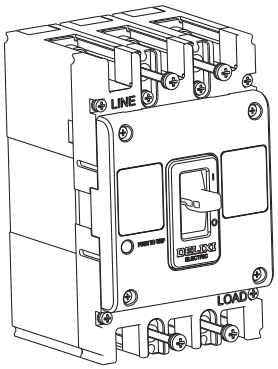
Frame	Number of poles	A	B	C	D
125	4P	129	30	30	5.0
250	4P	126	35	35	5.5

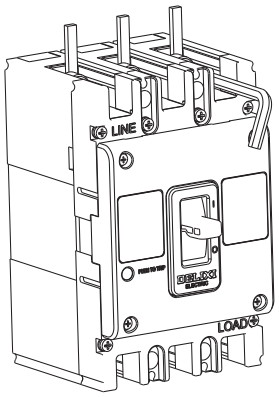


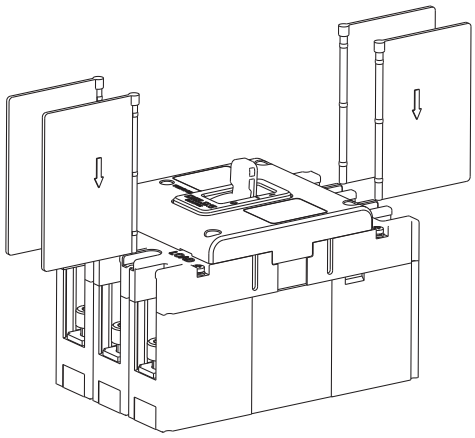
Note: X-X and Y-Y are center of three-pole circuit breaker

Maintenance and Service

■ CDM3T torque table and connecting wire







Torque table

Frame	Hex	Torque N.m
100	M8	9.5 - 10.5
125	M8	9.5 - 10.5
250	M8	9.5 - 10.5
400/630	M10	19.5 - 20.5

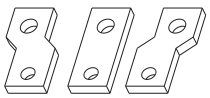
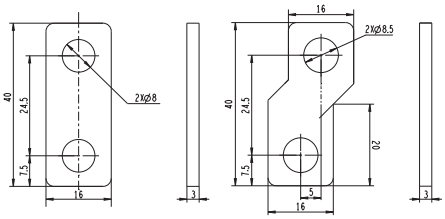
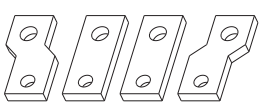
Connecting wire table

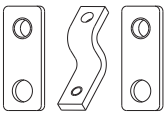
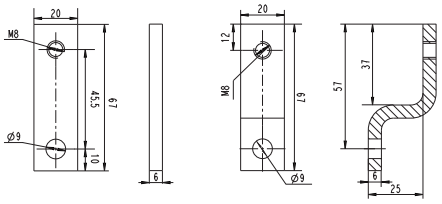
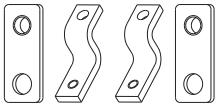
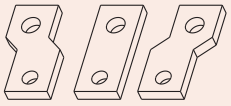
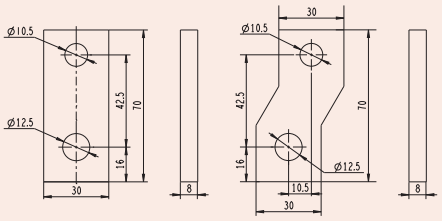
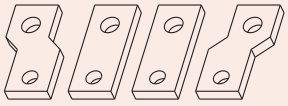
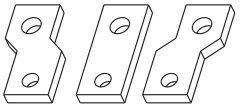
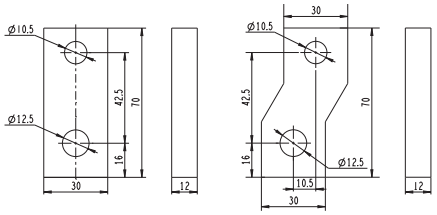
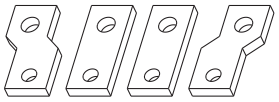
Rated current A	10	16/20	25	32	40/50	63	80	100	125	140	160	180/200/225	250	315	400	500	600
Sectional area of wire mm^2	1.5	3	4	6	10	16	25	35	50	50	70	95	120	185	240	2*150	2*185

■ CDM3T extended terminal

The extended terminal is connected to the standard terminal of circuit breaker to provide multiple wiring schemes in a small space:

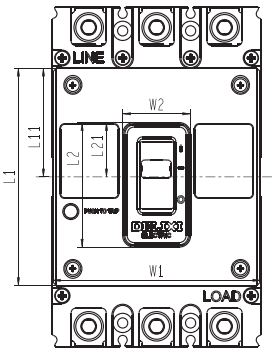
Busbar and extended terminal can be connected to the inlet terminal or outlet terminal of circuit breaker.

Model	Number of poles	Reference picture	Dimensions
CDM3T-100/125	3P		
	4P		

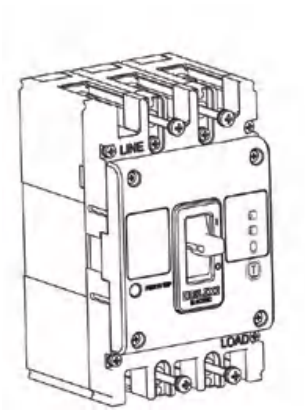
Model	Number of poles	Reference picture	Dimensions
CDM3T-160/250	3P		
	4P		
CDM3T-400 CDM3T-630 400A and below current	3P		
	4P		
CDM3T-630 400A and above current	3P		
	4P		

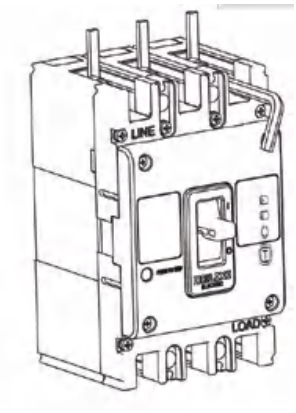
■ CDM3T-100A~630A fixed type circuit breaker panel hole dimensions

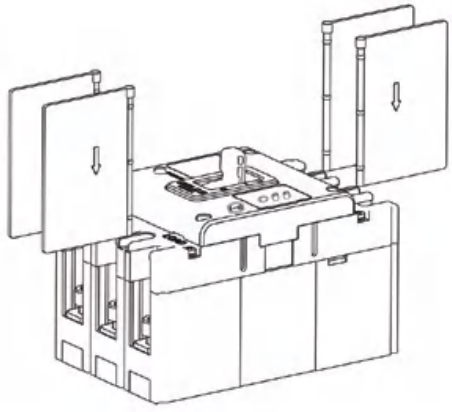
Model	Number of poles	Exposed front cover and toggle handle			Exposed toggle handle		
		W1	L1	L11	W2	L2	L21
CDM3T-100	3P	75	83	41.5	22	50	26
CDM3T-125	3P	92	96	48	30	55	24
CDM3T-250	3P	107	102	51	26	54	27
CDM3T-400 CDM3T-630	3P	150	150	75	52.5	75.5	41



■ CDM3LT torque table and connecting wire







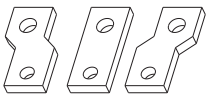
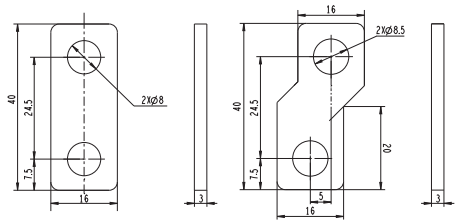
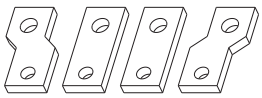
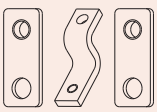
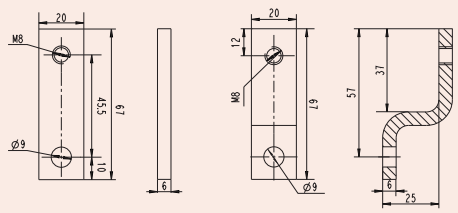
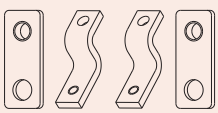
Attached torque table, connecting wire table

Frame	Hex	Torque N.m
125	M8	9.5 - 10.5
250	M8	9.5 - 10.5

■ CDM3LT extended terminal

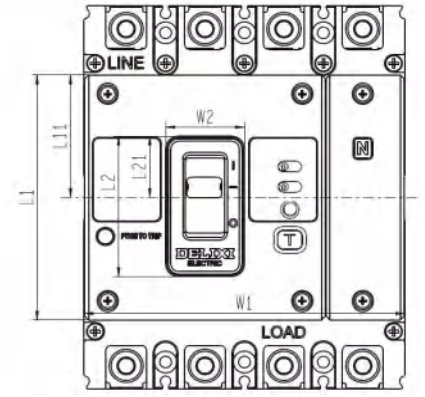
The extended terminal is connected to the standard terminal of circuit breaker to provide multiple wiring schemes in a small space:

Busbar and extended terminal can be connected to the inlet terminal or outlet terminal of circuit breaker.

Model	Number of poles	Reference picture	Dimensions
CDM3LT -125	3P		
	4P		
CDM3LT -250	3P		
	4P		

■ CDM3LT-125A~250A fixed type circuit breaker panel hole dimensions

Model	Number of poles	Exposed front cover and toggle handle			Exposed toggle handle		
		W1	L1	L11	W2	L2	L21
125	4P	122	96	48	30	55	24
250	4P	142	102	51	26	54	27



■ Key material order number

CDM3T Thermal-magnetic type Power distribution protection

Standard material No	Product name
MB72S6500000000000	CDM3T-100S/3300 32A
MB72S8500000000000	CDM3T-100S/3300 50A
MB72S9500000000000	CDM3T-100S/3300 63A
MB72SA500000000000	CDM3T-100S/3300 80A
MB72SB500000000000	CDM3T-100S/3300 100A
MB73L7500000000000	CDM3T-125L/3300 40A
MB73LC500000000000	CDM3T-125L/3300 125A
MB76SE500000000000	CDM3T-250S/3300 160A
MB76SF500000000000	CDM3T-250S/3300 180A
MB76SG500000000000	CDM3T-250S/3300 200A
MB76SH500000000000	CDM3T-250S/3300 225A
MB76SI500000000000	CDM3T-250S/3300 250A
MB78FI500000000000	CDM3T-400F/3300 250A
MB78FK500000000000	CDM3T-400F/3300 315A
MB78FL500000000000	CDM3T-400F/3300 350A
MB78FM500000000000	CDM3T-400F/3300 400A
MB79FO500000000000	CDM3T-630F/3300 500A
MB79FP500000000000	CDM3T-630F/3300 630A

CDM3LT Thermal-magnetic type Power distribution protection

Standard material No	Product name
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MB83S480000000A000	CDM3LT-125S/4300A 20A 03/1/3
MB83S580000000A000	CDM3LT-125S/4300A 25A 03/1/3
MB83S680000000A000	CDM3LT-125S/4300A 32A 03/1/3
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