

E

Conductor Size

mm

mm

F

Wiring Method

Ungrounded system

Unipolar grounding system

G

Mounting Plate

H

Installation

I

Schematic Diagram

J

Terminal Cover Mounting

K

Phase Barrier

L

Derating

Temperature dereting coefficient

Model	Ambient temperature	-40℃	-30℃	-20℃	-10℃	0℃	10℃	20℃	30℃	40℃	50℃	60℃	70℃
Ex9MD3HV	Rated current												
	200A	1.4In	1.35In	1.3In	1.25In	1.2In	1.15In	1.1In	1.05In	1In	0.95In	0.9In	0.85In
	225A	1.4In	1.35In	1.3In	1.25In	1.2In	1.15In	1.1In	1.05In	1In	0.95In	0.9In	0.85In
	250A	1.4In	1.35In	1.3In	1.25In	1.2In	1.15In	1.1In	1.05In	1In	0.95In	0.9In	0.85In
	315A	1.4In	1.35In	1.3In	1.25In	1.2In	1.15In	1.1In	1.05In	1In	0.95In	0.9In	0.86In
	350A	1.4In	1.35In	1.3In	1.25In	1.2In	1.15In	1.1In	1.05In	1In	0.95In	0.84In	0.79In
	400A	1.4In	1.35In	1.3In	1.25In	1.2In	1.15In	1.1In	1.05In	1In	0.98In	0.93In	0.8In
	450A	1.4In	1.35In	1.3In	1.25In	1.2In	1.15In	1.1In	1.05In	1In	0.98In	0.92In	0.8In
500A	1.4In	1.35In	1.3In	1.25In	1.2In	1.15In	1.1In	1.05In	1In	0.98In	0.92In	0.8In	
630A	1.4In	1.35In	1.3In	1.25In	1.2In	1.15In	1.1In	1.05In	1In	0.92In	0.84In	0.78In	

Altitude dereting

There is no significant influence on circuit breaker performance when altitude below 2000m.But air dielectric strength reduction should be concerned when above.Table below shows corrected value when altitude above 2000m, breaking capacity remain unchanged.

Altitude ( m )	2000m	3000m	4000m	5000m
Rated Working Current (In)	1xIn	0.96xIn	0.93xIn	0.9xIn
Rated Working Voltage Ue (V)	1500	1350	1200	1050
Rated Insulation Voltage Ui (V)	1500	1350	1200	1050
Dielectric Properties (V) DC	3820	3500	3100	2700
Rated Insulation Impulse Voltage Uimp (kV)	12	10	8	8

Altitude derating curve

In order to protect the environment,when the product or its components are scrapped,please dispose of it as industrial waste;or hand it over to the recycling station for disaggregation,recycling and reuse according to relevant national regulations.

NOARK Electrics (Shanghai) Co., Ltd.

Add: 3857 Sixian Road, Songjiang District, Shanghai

Tel: 021-3779 1111

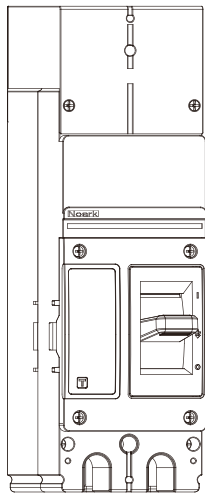
Customer Service Hotline: 400-1092-111

Printed with environmentally-friendly paper

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Ex9MD3HV

Ex9MD3HV Moulded Case Circuit Breaker

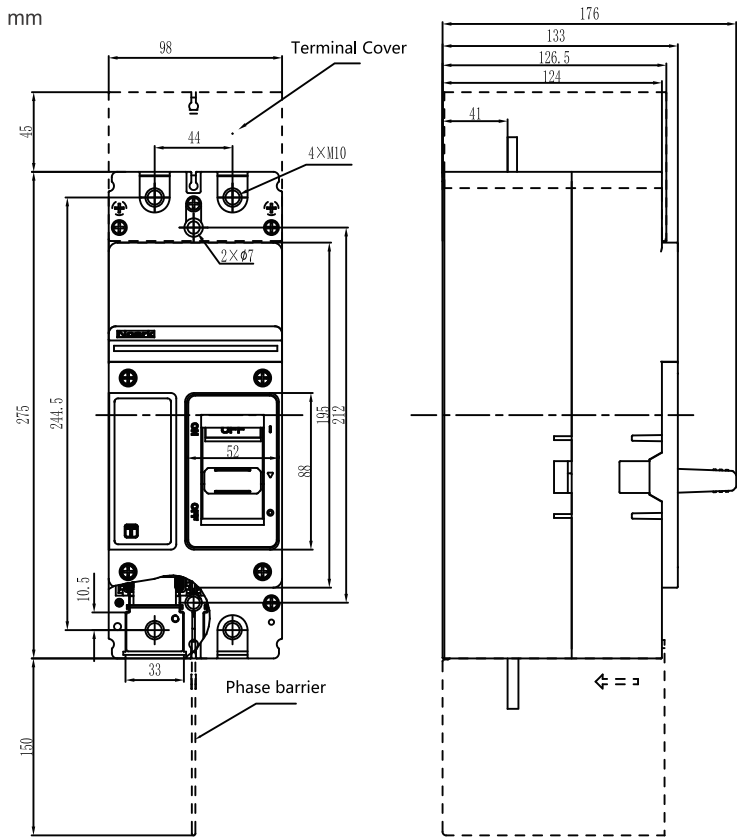


The MCCB series conforms to GB/T 14048.2、 IEC/EN 60947-2

The manufacturer assumes no responsibility for unfavourable consequence resulting from the non-application or incorrect application of the instructions provided herein.

NOARK

A Outline Dimension&Installation Dimension



B Standard Accessories & Necessary Tools

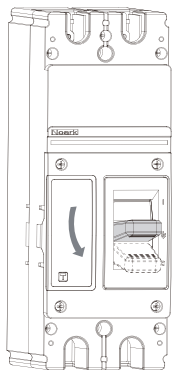
Standard Accessories

Items	Model	Number	Figure
Installation Bolt	M5X110	2	
Spring Washer	5	2	
Flat Washer	5	2	
Nut	M5	2	
Screw	ST3.5X13	4	
Phase Barrier		2	
Protective Cover		1	
Base Plate		1	

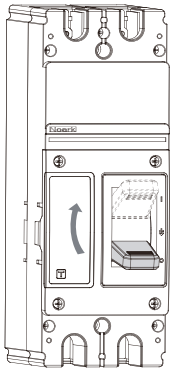
Necessary Tools

Hex key	Screw-driver
mm 	mm 

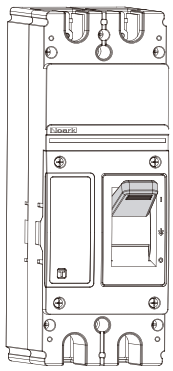
C Operating Test



1 TRIP → OFF

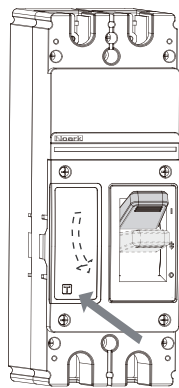


2 OFF → ON

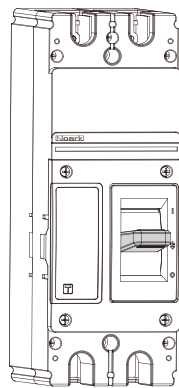


3 ON

Test :



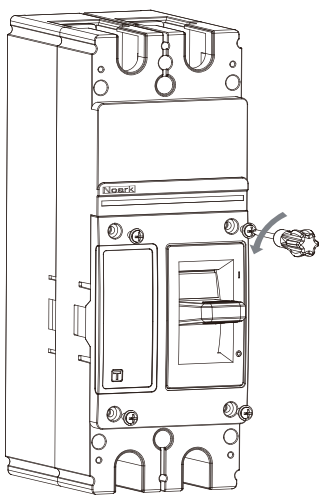
4 push to trip



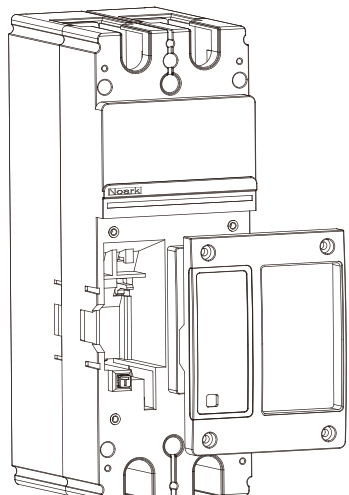
5 TRIPPED



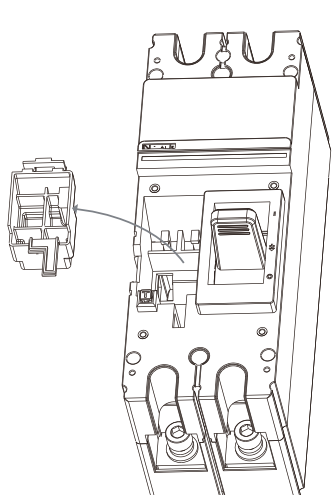
D Internal Accessories & Installation



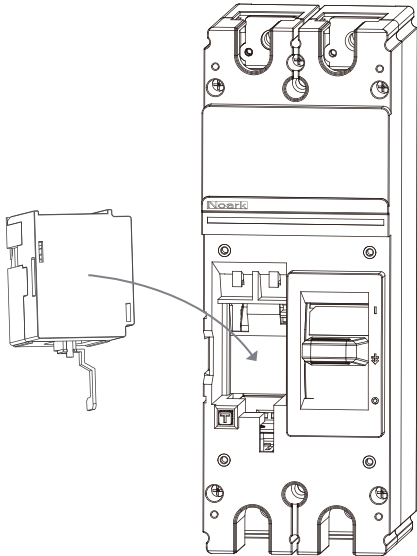
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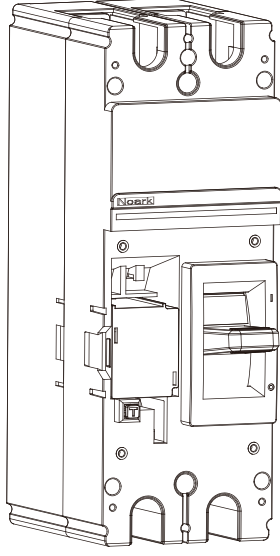
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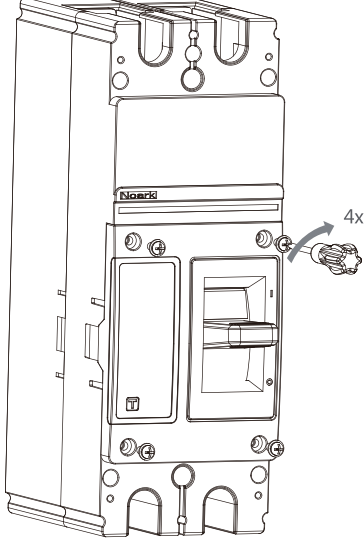
3



4



5



6

AX	Auxiliary Contact
AL	Alarm Contact
SHT	Shunt Release
AXL	Auxiliary Alarm Contact
SHTA	Shunt Auxiliary Integrated
SHTB	Shunt Auxiliary Alarm Integrated

E Lug Bus-bar

mm

