

Europe

Italy

CHINT ITALIA INVESTMENT SRL

Add: Via Bruno Maderna 7 30174 Venezia
Tel: +39 041.446614
Fax: +39 041.5845900
E-mail: info@chint.it

Czech Republic

NOARK Electric Europe s.r.o.

Add: Sezemická 2757/2, 193 00 Prague 9
Tel: +420 226 203 120
E-mail: europe@noark-electric.com

Turkey

CHINT Turca Elektrik Sanayi VE Ticaret Anonim Sirketi

Add: Zumrutevler Mahallesi Ural Sokak No. 22/18 NAS PLAZA B Block KAT 1,
Maltepe, Istanbul
Tel: +90216 621 00 55
Fax: +90216 621 00 50
E-mail: fatura@chint.com.tr

Spain

CHINT ELECTRICS S.L.

Add: Calle José Echegaray, Num 8.Parque Empresarial Las RozasEdificio 3, Planta
Baja, Ofificina 7-8.C.P: 28232 Las Rozas (Madrid)
Tel: +34 91 645 03 53
E-mail: info@chint.eu

Latin America

Brazil

CHINT ELÉTRICOS AMÉRICA DO SUL LTDA.

Add: Av. Paulista, 1765 - Edifício Scarpa - Conjunto 22 ,
Bela Vista - CEP 01311-200 - São Paulo - SP
Tel: +55 (11) 3266-7786
E-mail: chintbr@chint.com

Peru

CHINT LATAM (PERU) S.A.C.

Add: Av. Camino Real No.348, Torre El Pilar, Oficina 603, San Isidro, Lima 27, Peru
Tel: +51 1 763 4917
E-mail: chintlatamp Peru@chint.com

Ecuador

CHINT ELECTRICS (HONG KONG) LIMITED (ECUADOR BRANCH)

Add: Calle: REP.DEL SALVADOR Número: 10-84 Intersección: AV NACIONES UNIDAS
Edificio: CENTRO COMERCIAL MANSION BLANCA
E-mail: lufz@chintglobal.com

Netherlands

CHINT ELECTRICS NETHERLANDS B.V

Add: Kabelweg 57, 1014 BA Amsterdam
Tel: +31 85 210 08 06
E-mail: salesnl@chintglobal.com

Kazakhstan

LLP CHINT KZ

Add: Almaty, Dostyk Avenue 210A, Business Centre "Koktem Grand, 5th Floor,
Office 51
Tel: +7 727 325 9990
E-mail: chint-kz@chintglobal.com

Romania

NOARK ELECTRIC ROMANIA

Add: Tudor Vladimirescu nr. 45 et. 5 cod postal 050881 Sector 5 , Bucuresti
Tel: +40 371 444 920
E-mail: InfoRO@noark-electric.com

Poland

NOARK ELECTRIC POLAND

Add: [w. Michała 62 61-005 Poznań
Tel: +48 785 765 825
E-mail: monika.malczewska@noark-electric.com

UK

CHINT GLOBAL (UK) LIMITED

Add: 4TH FLOOR 1-3 PEMBERTON ROW, LONDON, UNITED KINGDOM EC4A 3GB

France

CHINT ELECTRICS FRANCE

Add: Tour Trinity, 1b place de la Défense,92400 Courbevoie, France

North America

United States

NOARK Electric (USA) Inc

Add: 2188 Pomona Blvd., Pomona, CA 91768
Tel: 626-330-7007
Fax: 626-330-8035
E-mail: nasales@noark-electric.com

Mexico

CHINT SOLAR MEXICO S DE RL DE CV

Add: Blvd. Miguel de Cervantes 301, Piso 15, C.P 11520,
Colonia Granada, Alcaldía Miguel Hidalgo, CDMX
C.P. 11520 CDMX, México
Tel: +52 1-55-8881-6127
E-mail: info@chint-mexico.com

NM5G SERIES

Moulded Case Circuit Breaker



CHINT GLOBAL PTE. LTD.
Building A3, 3655 SiXian Road,
Songjiang District, Shanghai, China

Tel: +86-21-5677 7777 Web: www.chintglobal.com
E-mail: global-sales@chintglobal.com

A CHINT COMPANY



Our Solutions include

Crystalline Silicon Manufacturing

Wires & Cables

Low-voltage Electrical

New Energy

Power T&D

Meters

Power System & Energy Storage

Integrated Power Distribution

Building Electrical

CHINT was established in 1984. Over the years, thanks to our rapid development, CHINT has become the world’s leading provider of intelligent energy solution for the entire industrial chain, offering the most comprehensive range of products, from Plant to Plug. In 2023, our annual sales revenue exceeded 22.1 billion dollars, with total assets surpassing 25 billion dollars.

Over three decades of global expansion, our business network has grown to cover more than 140 countries and regions worldwide. We operate in various areas including low-voltage, power transmission and distribution, water, gas and electricity metering, and green energy sectors such as solar. CHINT employs more than 50,000 people worldwide, creating over 500,000 jobs in the supply chains.

Through the integration of businesses and continuous upgrading, CHINT Global has further established its supply chain. This market localization has also enabled us to adopt flexible business models such as smart operation and maintenance, financing, and other integrated technical services for the global market.

USD **22.1** Billion

Annual Sales Revenue of CHINT Group

USD **25** Billion

Annual Total Assets of CHINT Group

Business Covering **140+**

Countries and Regions

4%-12%

Annual R&D Investment Obtained from the Percentage of Sales

40+

Global Subsidiaries

24%

YoY Revenue Growth in 2023, CHINT Global

50,000+

Employees Worldwide

8,000+

Accumulated Authorized Patents

66%+

Localization Rate of CHINT Global Employees

ABOUT CHINT LOW VOLTAGE

Zhejiang CHINT Electrics Co., Ltd. is a wholly owned subsidiary of CHINT Group. Cultivating R&D, manufacturing and sales of low-voltage products, we provide system solutions for building, power supply, hoisting, HVAC, telecommunication and other industrial customers. For nearly 40 years since its founding, CHINT Electrics has provided reliable products and services to over 140 countries and regions. Today, CHINT has grown to be one of the world’s renowned low-voltage brands.

CHINT Honors

2022

- "AAAAA" standardized good behavior certificate
- "Global Partnership" and "Countries along the Belt and Road" in the "2021 Best Practices for Realizing the Sustainable Development Goals". CSR Impact Leading Enterprise

2021

- No. 1 in "China's Top 100 Private Enterprises with Social Responsibility" in 2021
- For 8 consecutive years, CHINT has won the sales champion of Tmall double 11 in electrical and hardware industry
- No. 92 in "2021 China's Top 500 Private Enterprises".
- No. 244 in "2021 Top 500 Chinese Enterprises"
- The intelligent manufacturing factory of low-voltage electrical appliances was selected as the national "2021 Intelligent Manufacturing Demonstration Factory".

2020

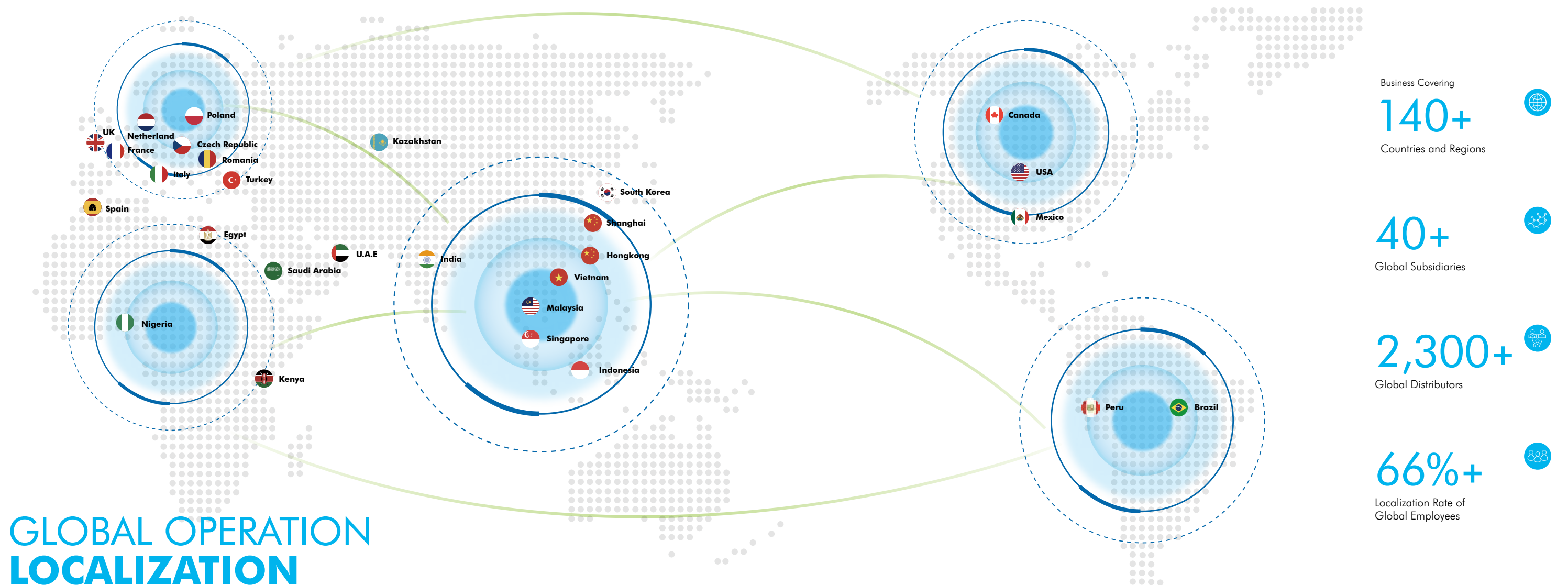
- CHINT was selected in the 2020 Zhejiang Province "Future Factory" recognized list, and was rated as the leading "Leading Goose Factory".
- The key inverter technology of CHINT won the second prize of China Electric Power Science and Technology.
- CHINT Astrometry was selected as the smart PV demonstration enterprise list of the Ministry of Industry and Information Technology and won the honor of "Influential PV cell/module brand", "Influential PV EPC / End User", "Influential PV power station operation and maintenance brand".

2019

- National Green Factory
- National Industrial Design Center of the MIIT
- Global Top 20 PV Enterprise
- China's Top 10 Successful PV Enterprise
- Top 100 Innovative Enterprises in Zhejiang Province
- Technology innovation system was awarded the 2018 Science and Technology Progress Award in Zhejiang

Qualification Certification

The products have been accredited through China Compulsory Certification (CCC) as well as UL of US, CE of EU, VDE and TÜV of Germany, KEMA of Netherlands, RCM of Australia, RCC of South Africa and other international product certifications.



GLOBAL OPERATION LOCALIZATION

Rooted Locally, Serving the Globe

After more than 30 years of overseas expansion, CHINT Global has subsidiaries and offices in Europe, North America, Asia-Pacific, West Asia & Africa and Latin America. Its business footprint covers more than 140 countries and regions worldwide, continuously providing the world with more efficient smart electricity and clean energy.



Sunlight **Singapore & Malaysia**
Main Products: Low-voltage Switchgears



Metering Factory **Uganda**
Main Products: Meters



Solar Factory **Thailand**
Main Products: PV Module, PV Cell



Haining Solar Intelligent Factory **China**
Main Products: PV Module, PV Cell



Power T&D Jiaxing Factory **China**
Main Products: MV and LV Switchgear, C-GIS, MV Circuit Breaker, Prefabricated Substation



Power T&D Shanghai Factory **China**
Main Products: Power Transformer, GIS, MV and LV Switchgear, HGIS, HV Circuit Breaker, Disconnect



Sunlight **Vietnam**
Main Products: MSB, MCC, SDB, DB, CU, Fire Pump Panel, Weatherproof Panel, String Combine Box, Solar Switchboard



SchneiTec CHINT **Cambodia**
Main Products: MV Equipment including 22kV Distribution Transformer, Switchgear, Smart RMU, Capacitor Bank



CHINT - EGEMAC **Egypt**
Main Products: Full Series of Low-voltage Switchgears



Wenzhou Low-voltage Intelligent Factory **China**
Main Products: Low-voltage Components



CHINT ATC **Saudi Arabia**
Main Products: RMU and Intelligent Power T&D Products of 33kV and below

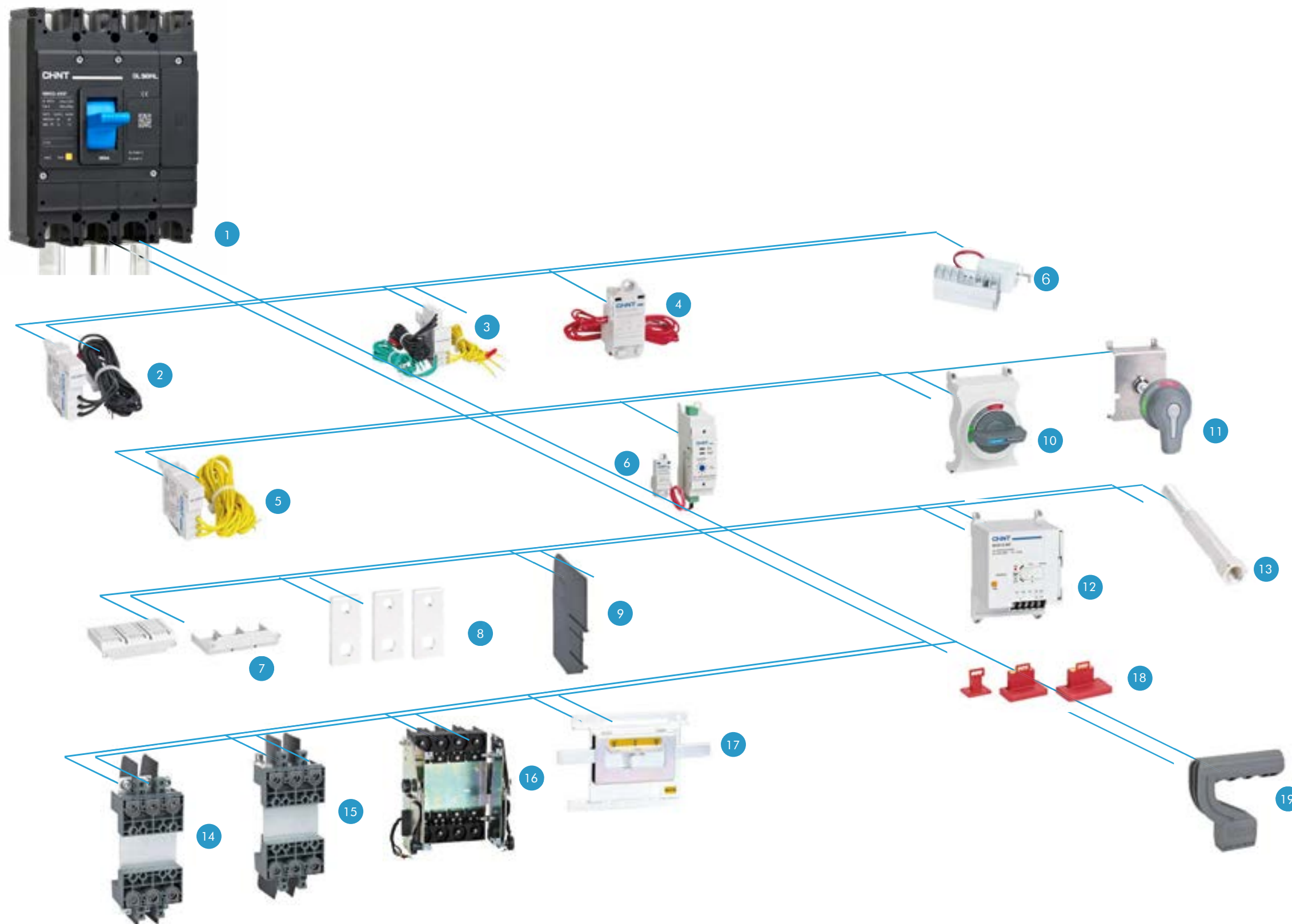


CHINT-AJLAN & Bros **Saudi Arabia**
Main Products: Low-voltage Components

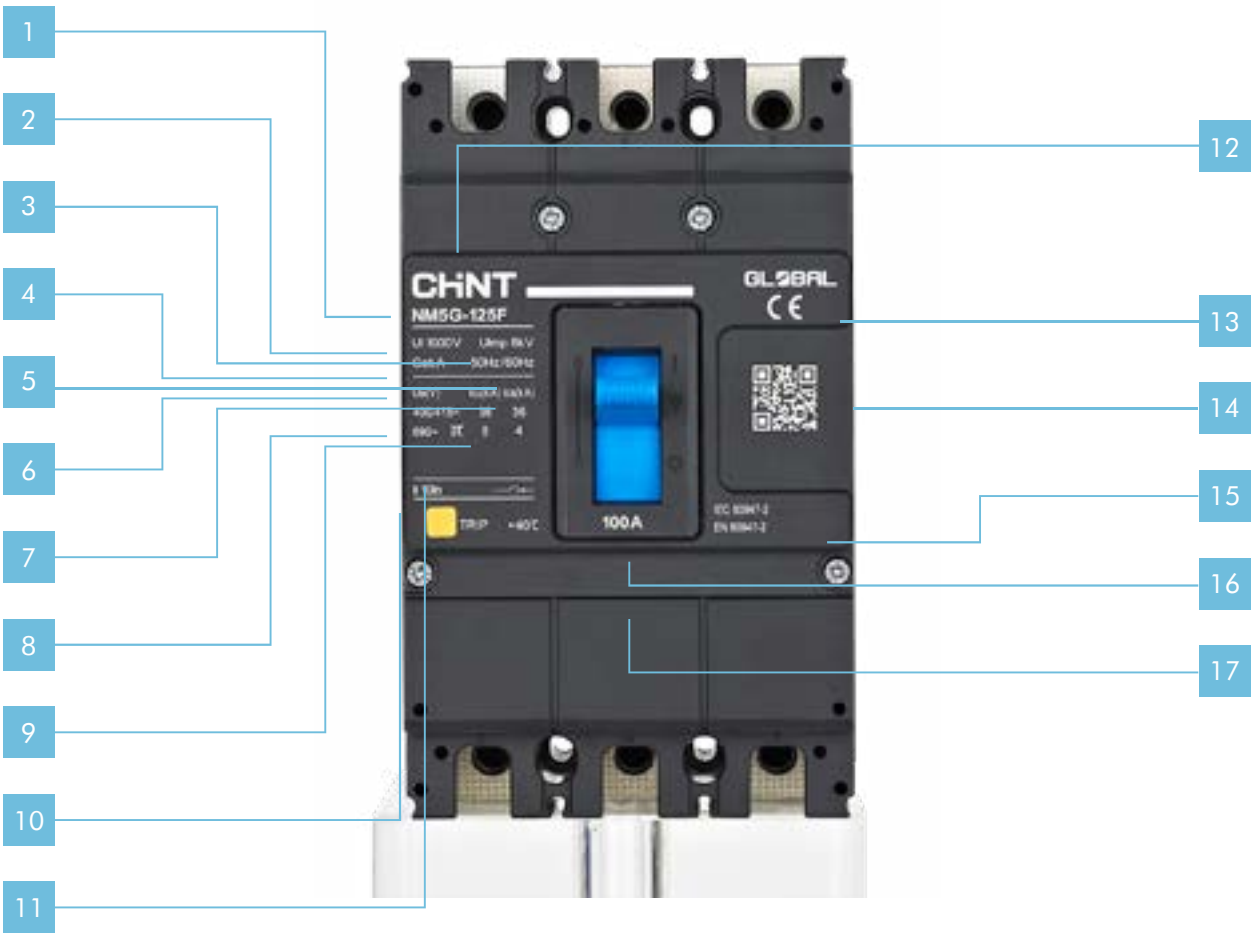
NM5G SERIES

Moulded case circuit breaker

Product structure	P-001
Appearance and nameplate	P-011
Model definition and description	P-011
Main technical parameters	P-011
Release	P-011
Tripping curve	P-011
Circuit breaker installation	P-011
Outline and mounting dimension	P-011
Wiring dimensions diagrams	P-011
Supplementary technical information	P-011
Accessories	P-011



- | | |
|----|--|
| 1 | Body |
| 2 | Auxiliary contact (optional) |
| 3 | Auxiliary alarm contact (optional) |
| 4 | Shunt release (optional) |
| 5 | Alarm contact (optional) |
| 6 | Undervoltage release/undervoltage delay release (optional) |
| 7 | Short terminal cover (optional) |
| 8 | Front connection plate (optional) |
| 9 | Interphase insulating barrier (standard) |
| 10 | Standard direct rotation handle (optional) |
| 11 | Economic lengthened rotation handle (optional) |
| 12 | Motor-driven operating mechanism (optional) |
| 13 | Board rear connection plate (optional) |
| 14 | Inserted accessories-board front (optional) |
| 15 | Inserted accessories-board rear (optional) |
| 16 | Draw-out type base(optional) |
| 17 | Mechanical interlock (optional) |
| 18 | Handle lock (optional) |
| 19 | Lengthened handle (optional) |



- 1

Product model: product type/frame size current/breaking capacity
- 2

Ui: rated insulating voltage
- 3

Uimp: rated impulse withstand voltage
- 4

F: rated frequency
- 5

Cat A: circuit breaker usage category A
- 6

Ii: rated instantaneous short circuit current setting
- 7

+40℃ : reference temperature
- 8

Ue: rated working voltage
- 9

Icu/Ics: rated limit short circuit breaking capacity/rated running short circuit breaking capacity
- 10

ER:With isolation function
- 11

En: Not applicable to IT system
- 12

M: company trademark
- 13

Product certification ID
- 14

KQ: product information
- 15

National/product conformity standards
- 16

EE1: rated current
- 17

KH: warning

N	M	5G	250	F	TM	250	3P	QAWT	+	AX
Company code	Type code	Design S/N	Frame size current (A)	Breaking capacity	Release type	Rated current (A)	Number of poles	Other functions		Accessories
Chint Electric	Plastic casing type circuit breaker	Series 5G	63 100	F: 25kA Q: 36kA	TM: thermal magnetic distribution protection M: EM type motor protection	10-1000A	3P: 2 poles 4A: 4 poles type A 4B: 4 poles type B 4C: 4 poles type C 4D: 4 poles type D	Default: none QAWT [®] : overload alarm, no tripping		Default: none AX: auxiliary contact AL: alarm contact SHT: shunt release
			125 250	F: 36kA Q: 50kA R: 70kA						
			400 630 800 1000	F: 50kA Q: 70kA R: 100kA						

Type selection example:

Meaning of model NM5G-250F TM 250 3P+AX+SHT A240:
NM5G plastic casing type circuit breaker, frame size 250, breaking capacity of 36kA, thermal magnetic type distribution protection, rated working current of 250A, 3-pole AC plastic casing type circuit breaker, with accessories of 1 NO + 1 NC auxiliary contacts and shunt release, and working voltage of AC220/230/240V.

Note: 1. QAWT overload alarm function without tripping is only applicable to type TM release. When QAWT function is selected for frame size 125~250, breaking capacity is type Q or R only.
2. For brief names of accessories, refer to accessories type selection table (P85-86).
3. 4A: 4 poles type A, i.e. neutral pole without protection, and always On.
4B: 4 poles type B, i.e. neutral pole without protection, and On/Off along with other 3 poles.
4C: 4 poles type C, i.e. neutral pole with protection, and On/Off along with other 3 poles.
4D: 4-poles type D, i.e. neutral pole with protection, and always On.

Rated current (A)	10	16	20	25	32	40	50	63	80	100	125	160	180	200	225	250	315	350	400	500	630	700	800	1000
Frame size current (A)	63	■	■	■	■	■	■	■																
	100	■	■	■	■	■	■	■	■	■														
	125	■	■	■	■	■	■	■	■	■	■													
	250																							
	400															■	■	■	■					
	630																	■	■	■	■			
	800																			■	■	■	■	
	1000																				■	■	■	■

Product model		NM5G-63				NM5G-100				NM5G-125				NM5G-250			
Rated working current In(A), 40°C		10-16-20-25-32-40-50-63				10-16-20-25-32-40-50-63-80-100				16-20-25-32-40-50-63-80-100-125				125-160-180-200-225-250			
Electrical performance																	
Rated insulation voltage Ui (V)		1000															
Rated impulse withstand voltage Uimp (kV)		8															
Rated working voltage Ue(V), AC 50/60HZ		380/400/415. 660/690															
Number of poles	3P	■															
	4P (3P+N, 4P)	■															
Breaking capacity		F	Q	F	Q	F	Q	R	F	Q	R						
Rated limit short circuit breaking capacity Icu(kA)	AC380/400/415V	25	36	25	36	36	50	70	36	50	70						
	AC660/690V	6	8	6	8	8	10	10	10	10	10						
Breaking capacity Ics (kA)	AC380/400/415V	25	36	25	36	36	50	50	36	50	50						
	AC660/690V	4	4	4	4	4	5	5	5	5	5						
Meeting standards		IEC/EN 60947-2, GB/T 14048.2															
Selected type		A															
Working environment temperature (°C)		-35-+70															
Overload alarm without tripping		-	-	-	-	-	-	-	■	■	-	■	■				
Prepay function		-	-	-	-	-	-	■	-	-	■	-	-				
Isolation function®		■															
Wiring mode		Up/down free incoming line ^[2]															
Arcover distance		≤50/zero arcover (install short terminal hood TCV)															
Mechanical life (times)	Maintenance-free	20000			20000			20000			20000						
	Maintenance required	40000			40000			40000			40000						
Electrical life (times)	AC380/400/415VIn	10000			10000			10000			10000						
Protection type	Distribution protection	■			■			■			■						
	Motor protection	■			■						■						
Installation and connections																	
Fixed type	Front connection							■			■						
	Rear connection							■			■						
Inserted type	Front connection							■			■						
	Rear connection							■			■						
Draw-out type	Front connection							-			-						
	Rear connection										-						
Outline dimensions																	
Outline dimensions (mm): (W)X(H)x(D) 	3P	75*130*65						92x155x75.5	92x155x91		107x165x76.5		107x165x101.5				
	4P	100*130*65						122x155x75.5	122x155x91		142x165x76.5		142x165x101.5				

Note: 1. Isolation function is not applicable to type 4A/4D circuit breakers.
2. For down incoming line wiring, breaking capacity needs to be reduced to 75% for use.

Product model		NM5G-400			NM5G-630			NM5G-800(W630)			NM5G-1000(W800)			
Rated working current In(A), 40℃		250-315-350-400			400-500-630			800:500-630-700-800 W630:400-500-630			1000:630-700-800-1000 W800:630-700-800			
Electrical performance														
Rated insulation voltage Ui (V)		1000			1000			1000			1000			
Rated impulse withstand voltage Uimp (kV)		12			12			12			12			
Rated working voltage Ue(V) fAC 50/60HZ		380/400/415. 660/690			380/400/415. 660/690			380/400/415. 660/690			380/400/415. 660/690			
Number of poles	3P	■			■			■			■			
	4P(3P+N. 4P)	■			■			■			■			
Breaking capacity		F	Q	R	F	Q	R	F	Q	R	F	Q	R	
Rated limit short circuit breaking capacity Icu (kA)	AC380/400/415V	50	70	100	50	70	100	50	70	100	50	70	100	
	AC660/690V	10	15	20	10	15	20	15	20	20	15	20	20	
Breaking capacity Ics (kA)	AC380/400/415V	50	70	70	50	70	70	50	70	70	50	70	70	
	AC660/690V	10	15	15	10	15	15	13	15	15	13	15	15	
Meeting standards		IEC/EN 60947-2, GB/T 14048.2												
Selected type		A												
Working environment temperature (℃)		-35-+70												
Overload alarm without tripping		■			■			■			■			
Prepay function		-			-			-			-			
Isolation function		■			■			■			■			
Wiring mode		Up/down free incoming line®												
Arcover distance		≤ 50/zero arcover (install short terminal hood TCV)												
Mechanical life (times)	Maintenance-free	10000			10000			10000			5000			
	Maintenance required	20000			20000			20000			10000			
Electrical life (times)	AC380/400/415V; In	8000			8000			800:5000 W630:8000			2500			
Protection type	Distribution protection	■			■			■			■			
	Motor protection	■			■			■			■			
Installation and connections														
	Front connection	■			■			■			■			
	Rear connection	■			■			■			■			
	Front connection	■			■			■			■			
	Rear connection	■			■			■			■			
	Front connection	■			■			■			■			
	Rear connection	■			■			■			■			
Outline dimensions														
Outline dimensions (mm): (W)X(H)x(D) 	3P	140x257x111						182x270x115			210x280x118			
	4P	184x257x111						240x270x115			280x280x118			

Note: 1. Isolation function is not applicable to type 4A/4D circuit breakers.
2. For down incoming line wiring, breaking capacity needs to be reduced to 75% for use.

Distribution protection-Thermal magnetic release

Thermal magnetic release	Frame size current Inm (A)	Rated current In (A)	Overload protection current setting mode	Tripping characteristics
Overload protection	63-125	10-125	Fixed	1.05In (cold state), no tripping in 2h (In>63A), no tripping in 1h (In<63A)
	250-1000	125-1000	Fixed	1.3In (hot state), tripping in 2h (In>63A), tripping in 1h (In<63A)

Thermal magnetic release	Frame size current Inm (A)	Rated current In (A)	Overload protection current setting mode	Short circuit protection current setting li (A) and tolerance	Short circuit protection single pole action current setting li (A)	Tripping time (S)
Short circuit protection	63	10-63	Fixed	10Inf ±20%; In < 40A, li=400A	14In; In < 40A, li=600A	<0.2
	100	10-100		10Inf ±20%; In < 40A, li=400A	14In; In < 40A, li=600A	
	125	16-125		10Inf ±20%	14In	
	250	125-250		10Inf ±20%	14In	
	400	250-400		10Inf ±20%	14In	
	630	400-630		10Inf ±20%	14In	
	800	500-800		10In, ±20%	14In	
	1000	630-1000		10Inf ±20%	14In	

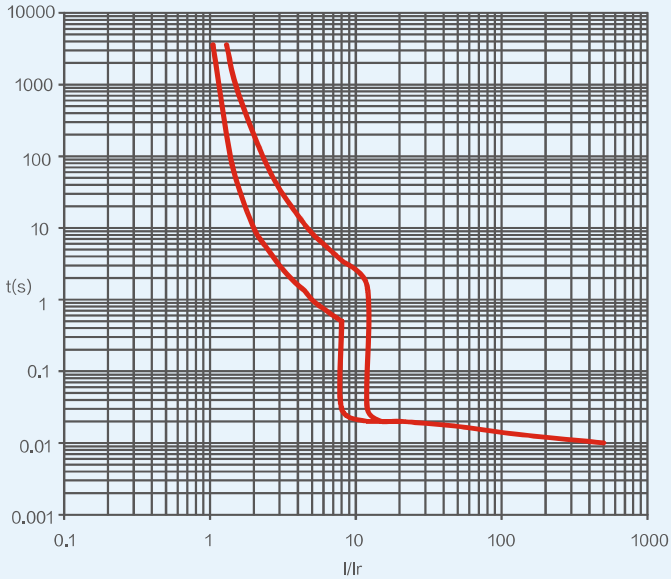
Note: Single pole action: short circuit release shall act at 120% aforesaid short circuit protection single pole action current setting.

Motor protection-EM type release

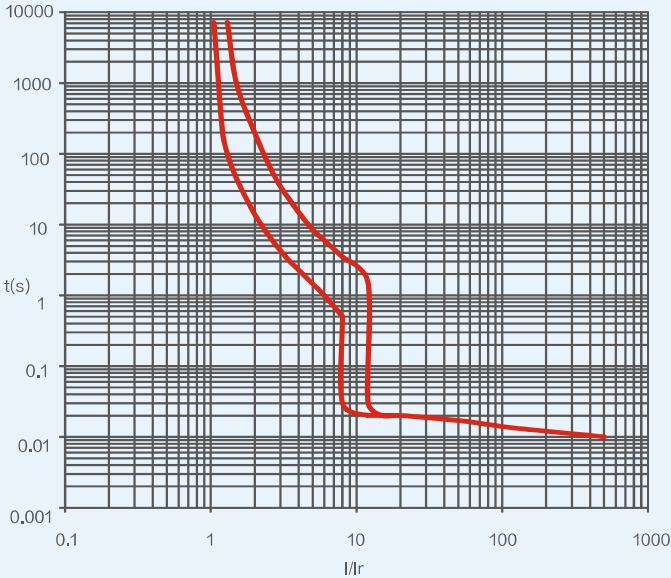
Thermal magnetic release	Frame size Inm (A)	Rated current In (A)	Overload protection current setting mode	Short circuit protection current setting li (A) and tolerance	Short circuit protection single pole action current setting li (A)	Tripping time (s)
Short circuit protection	63	10-63	Fixed	12Inf ±20%; In<40A, li=500A	17In; In < 40A, li=600A	<0.2
	100	10-100		12Inf ±20%; In < 40A, li=500A	17In; In<40A, li=600A	
	125	16-125		12Inf ±20%	17In	
	250	125-250		12Inf ±20%	17In	
	400	250-400		12In, ±20%	17In	
	630	400-630		12Inf ±20%	17In	
	800	500-800		12Inf ±20%	17In	
	1000	630-1000		12Inf ±20%	17In	

Note: Single pole action: short circuit release shall act at 120% aforesaid short circuit protection single pole action current setting.

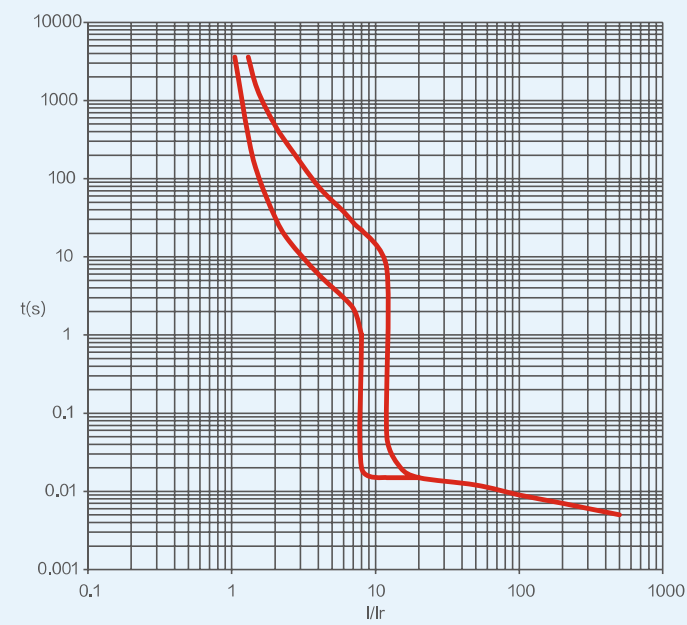
Distribution protection
NM5G-63/10010-63A



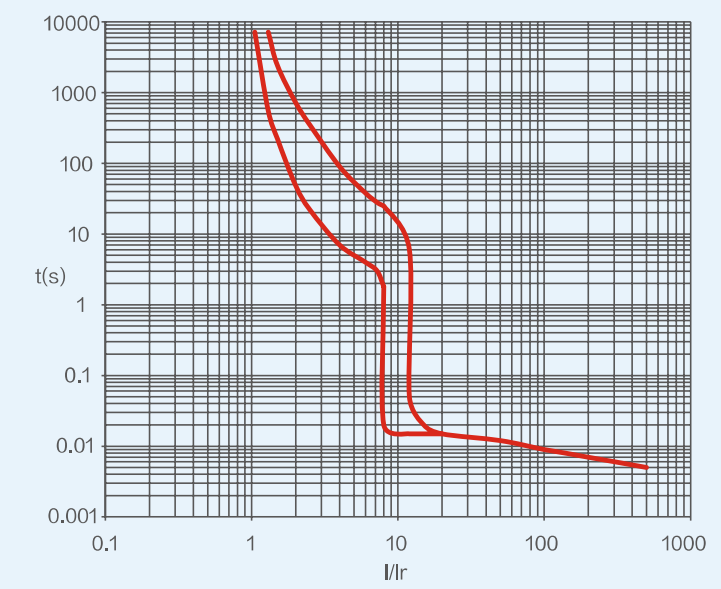
NM5G-63/100 65-100A



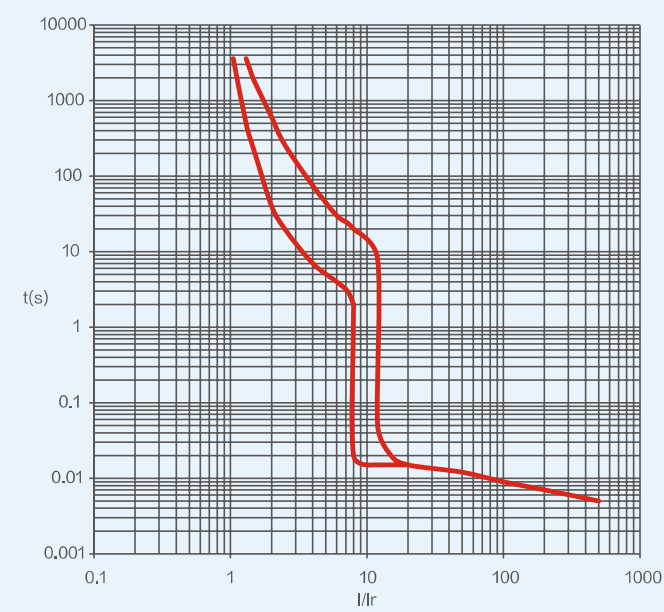
Distribution protection
NM5G-125 (16A~20A)



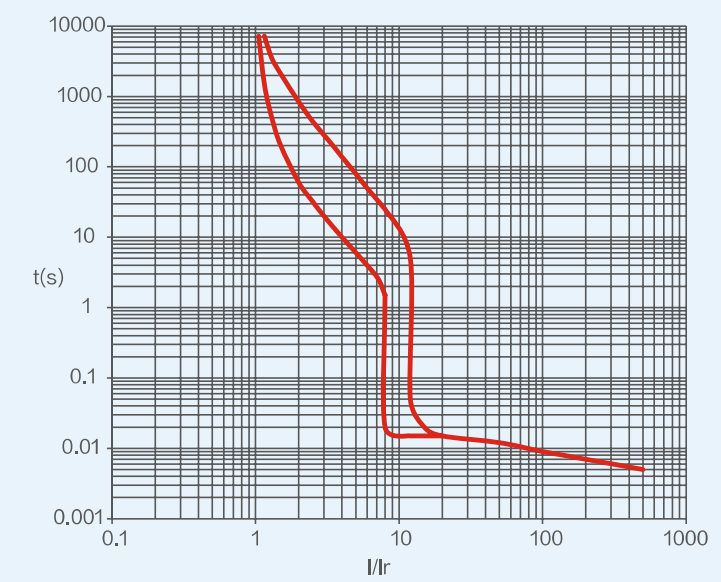
Distribution protection
NM5G-125 (80A725A)



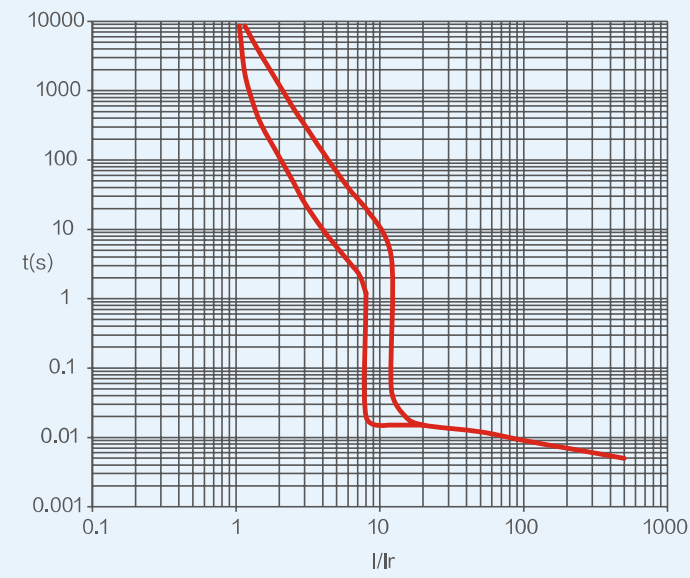
NM5G-125(25A~63A)



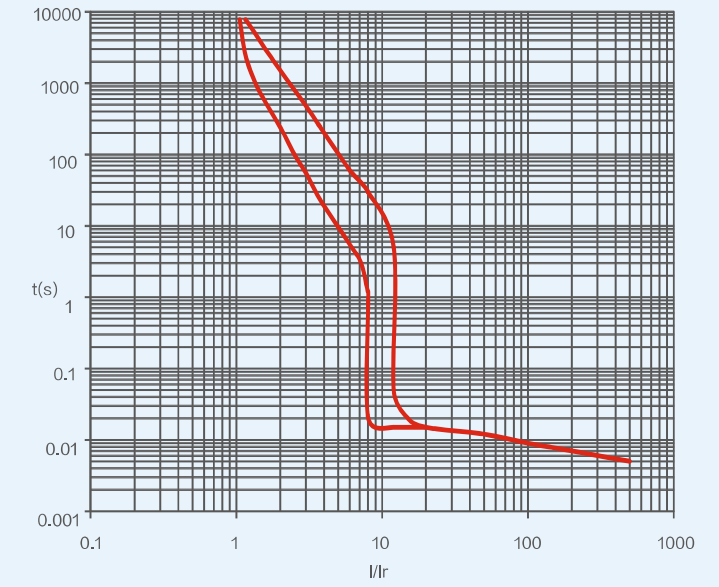
NM5G-250



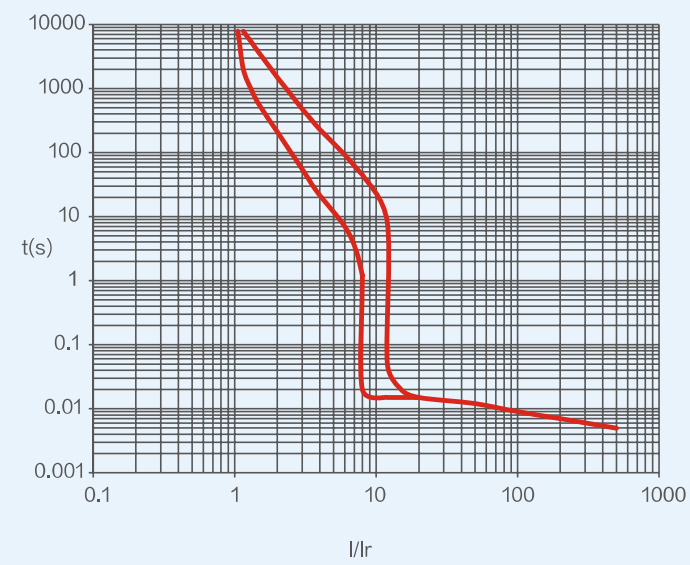
Distribution protection
NM5G-400



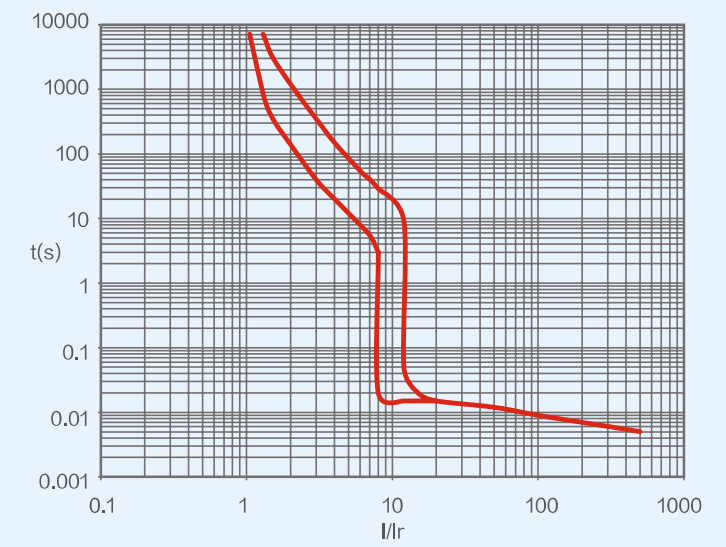
Distribution protection
NM5G-800, W630



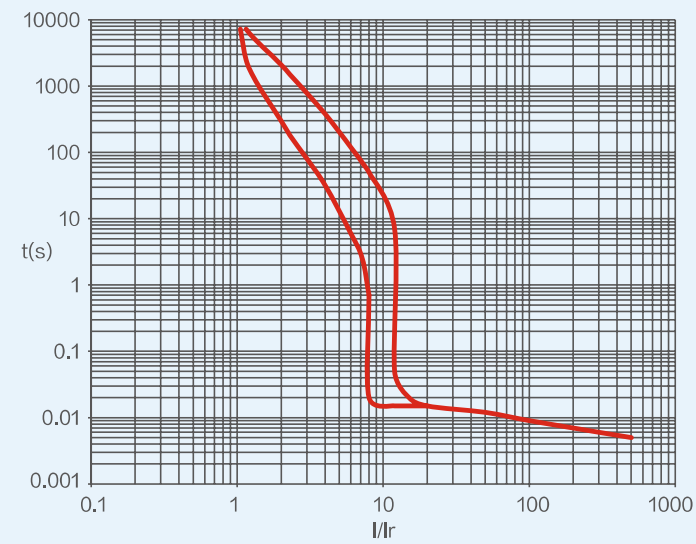
NM5G-630



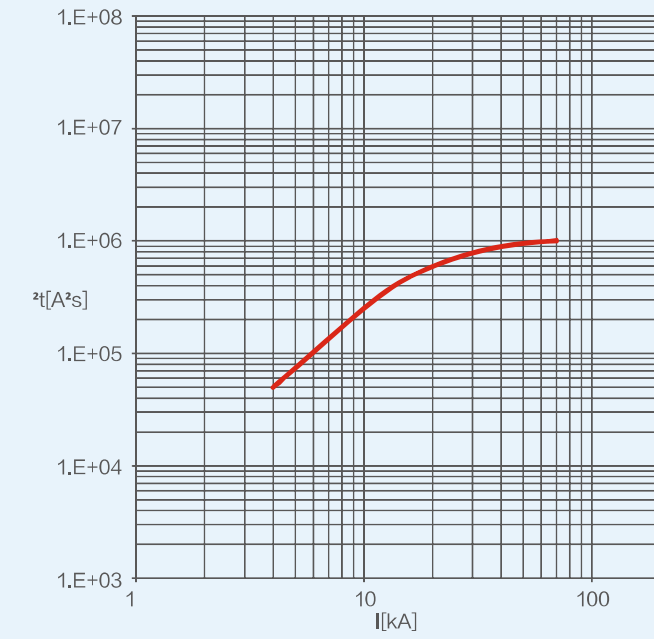
NM5G-W800 tripping curves



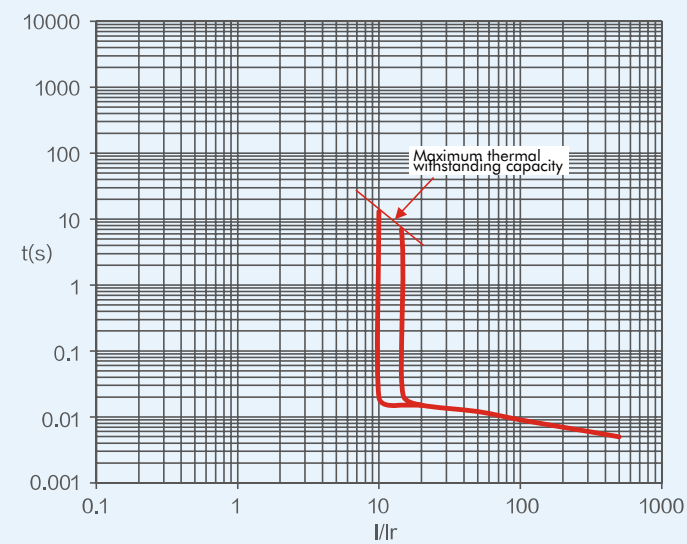
Distribution protection
NM5G-1000



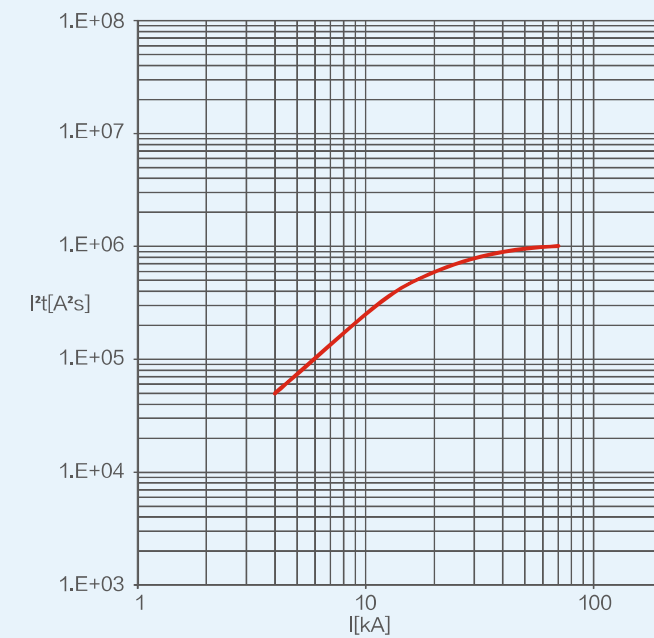
Let-through curve
NM5G-63



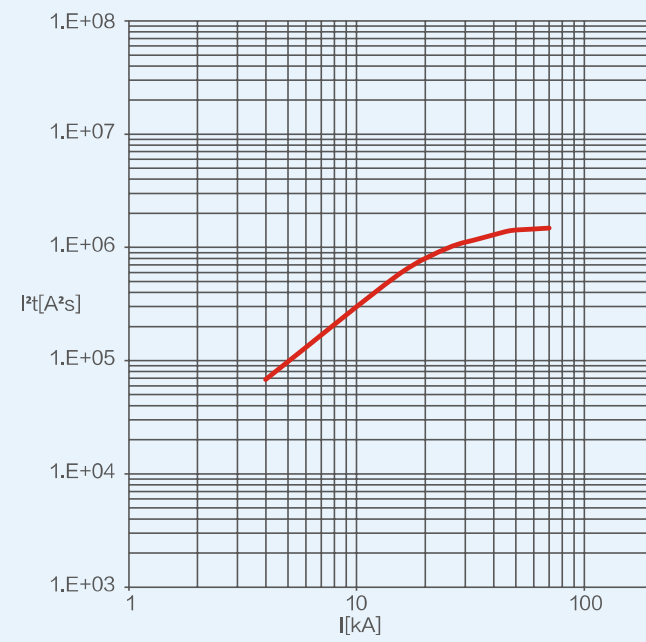
Motor protection
NM5G-63-1000



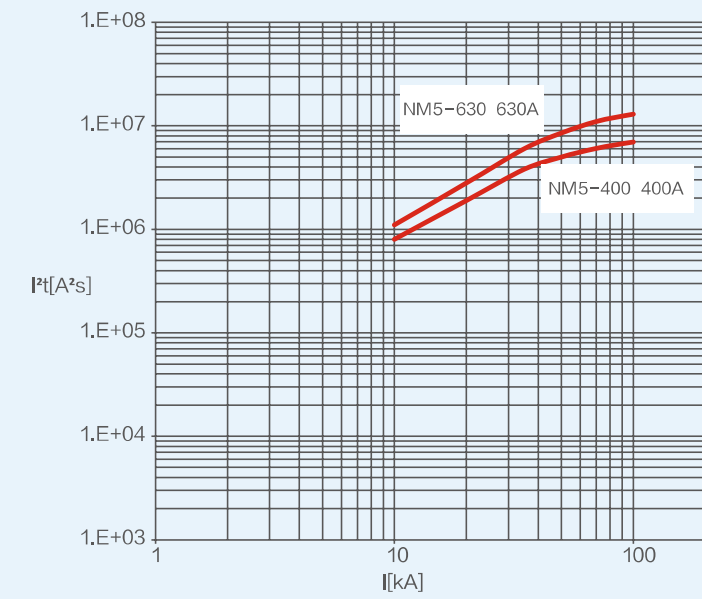
Let-through curve
NM5G-100



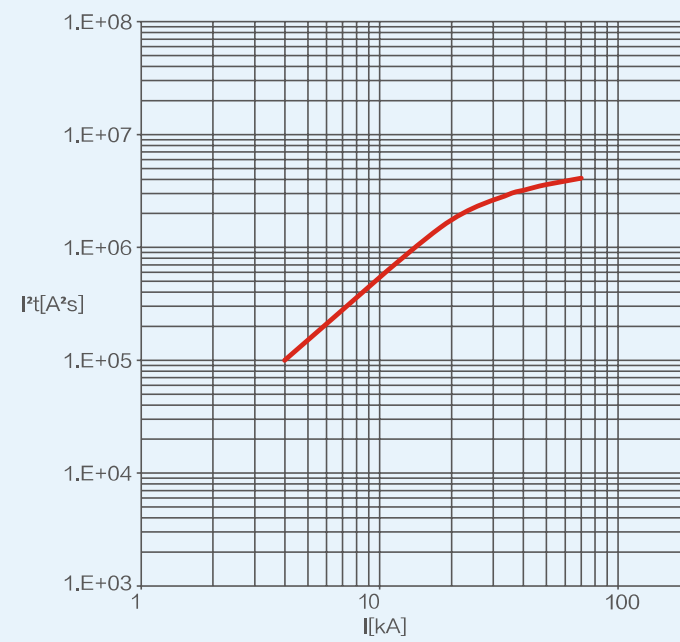
Let-through curve
NM5G-125



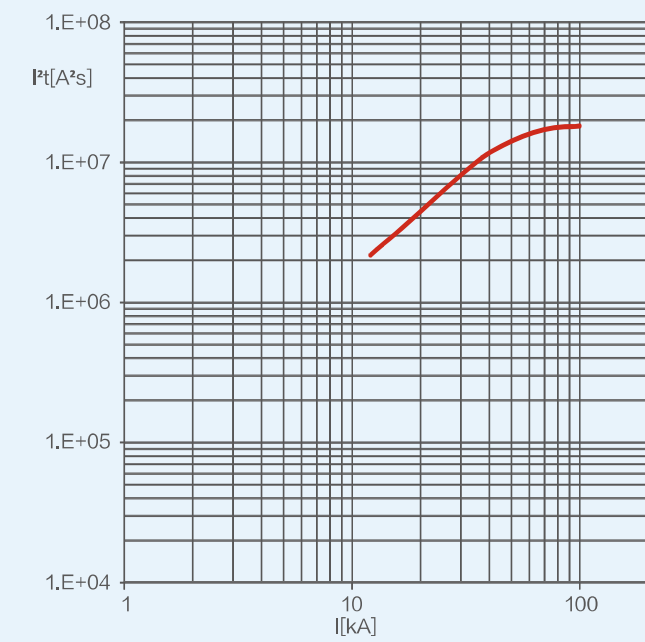
Let-through curve
NM5G-400-630



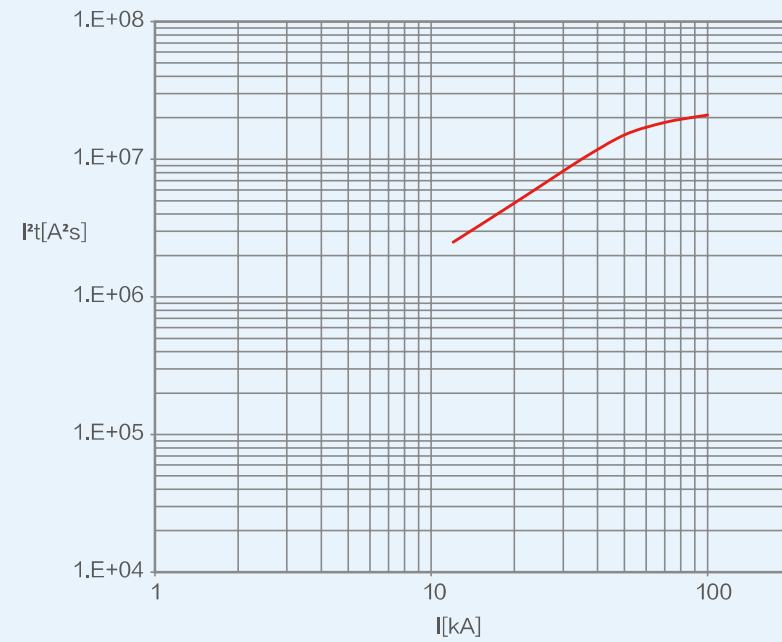
NM5G-250



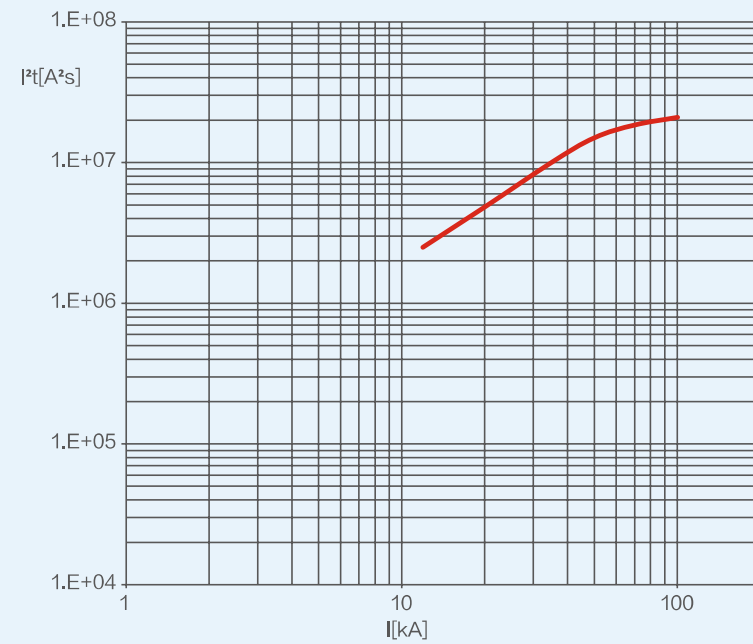
NM5G-800, W630



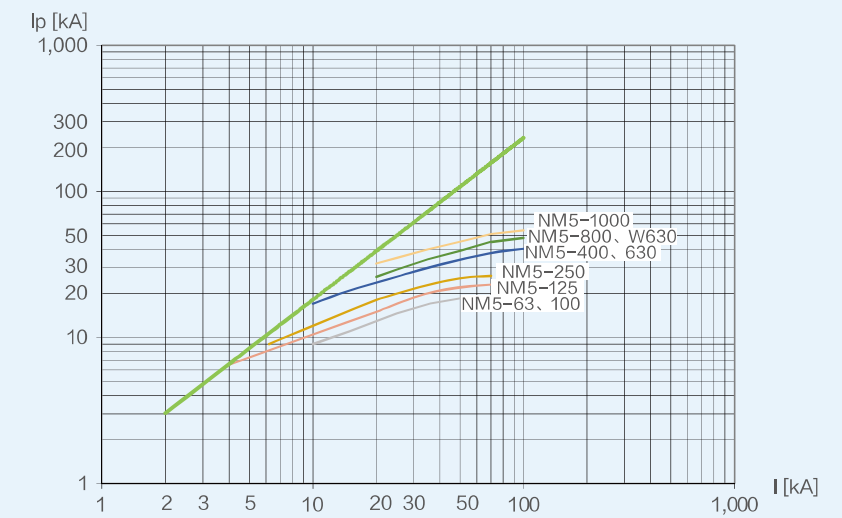
Let-through curve
NM5G-W800 temperature compensation curve



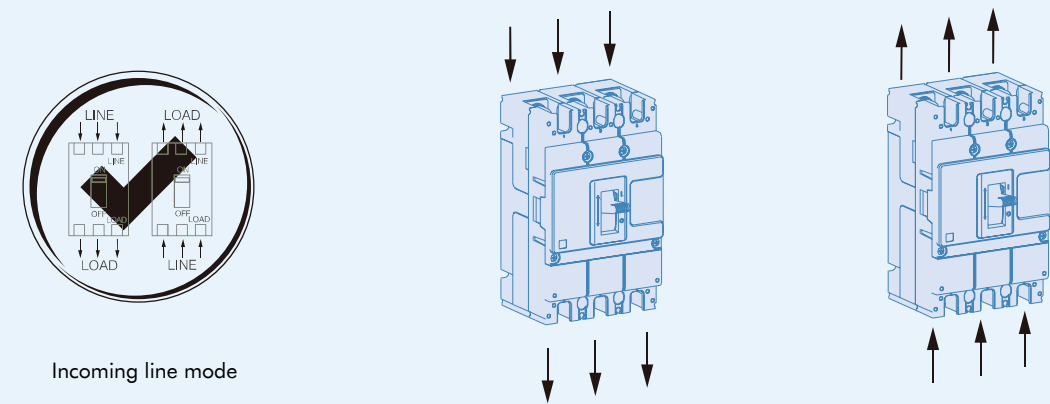
NM5G-1000



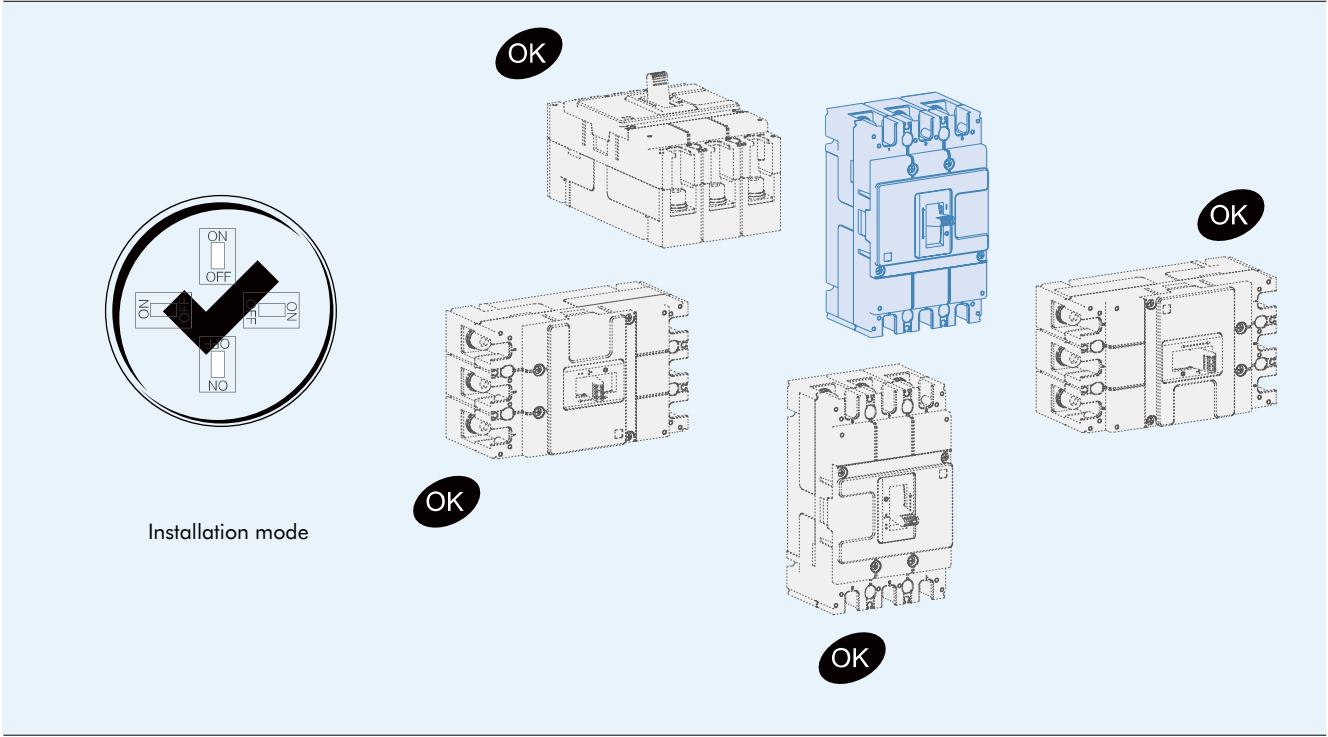
Current limiting curve
NM5G-63-1000



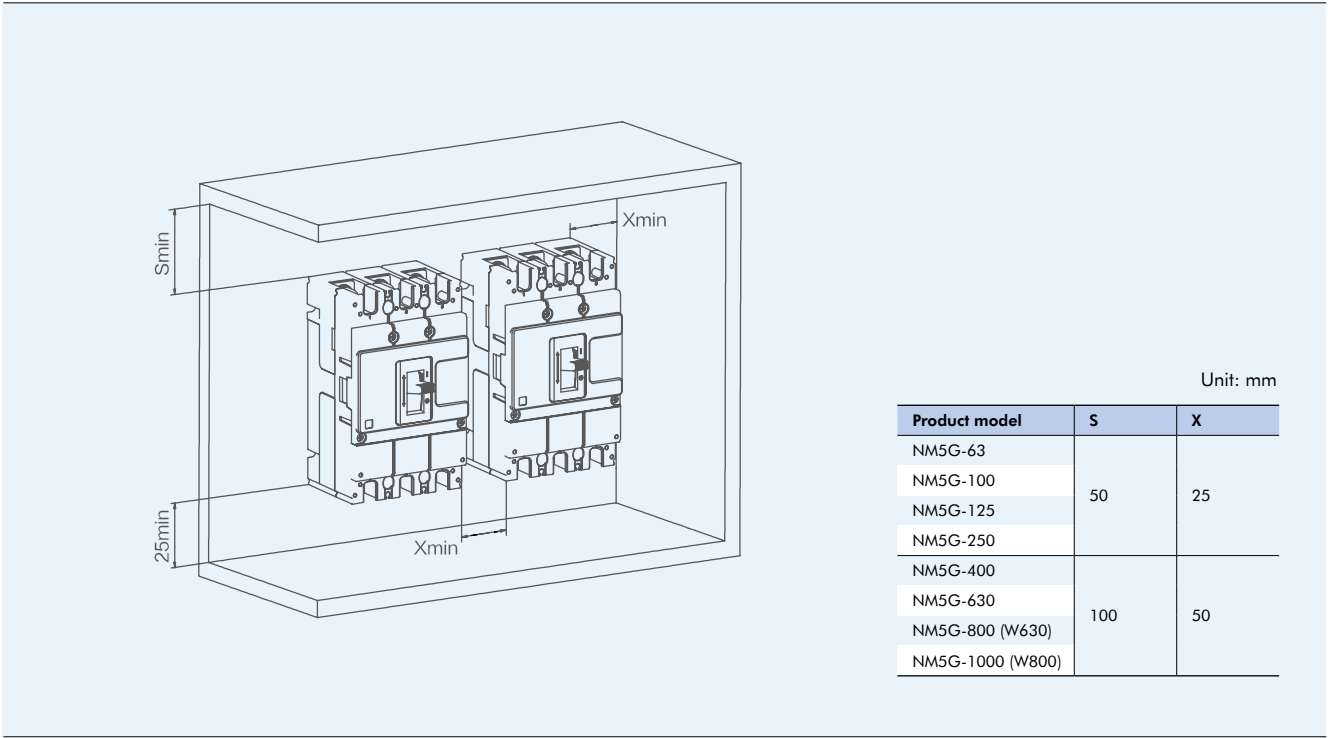
Incoming line mode



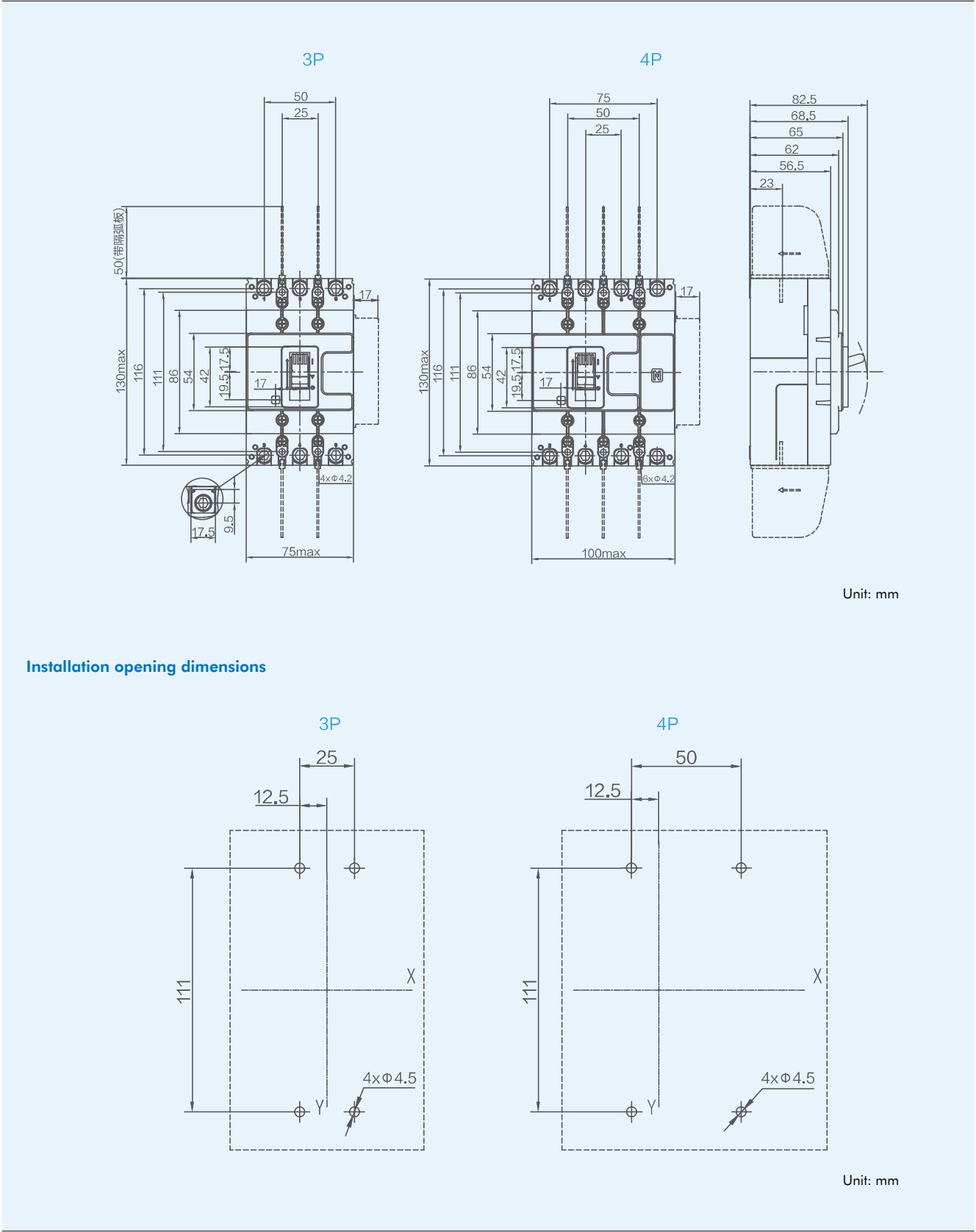
Installation mode



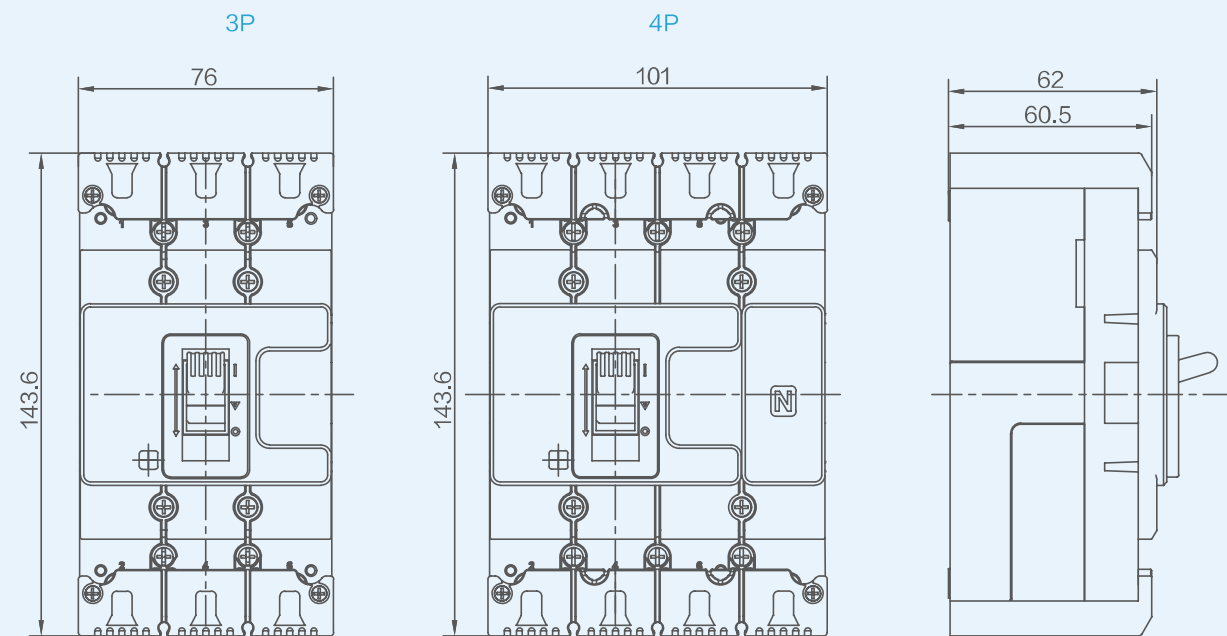
Minimum installation distances



NM5G-63F/Q, NM5G-100F/Q
Board front wiring

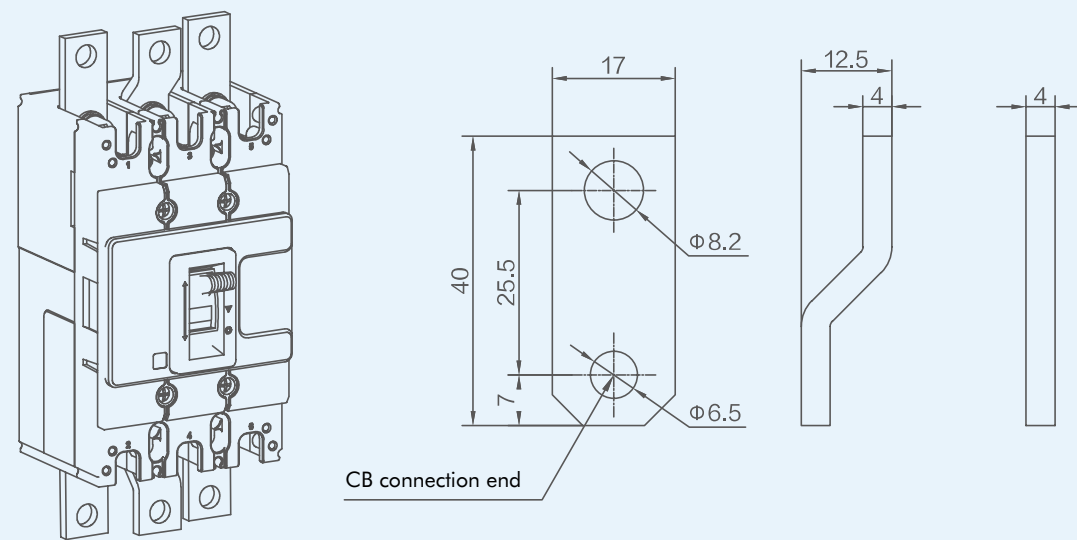


Short terminal hood



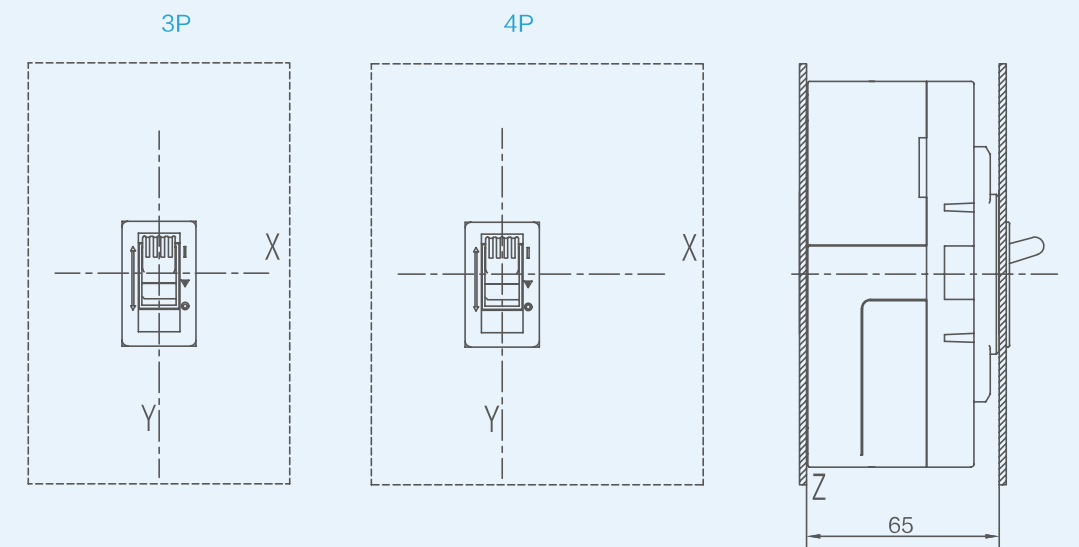
Unit: mm

Connection plate



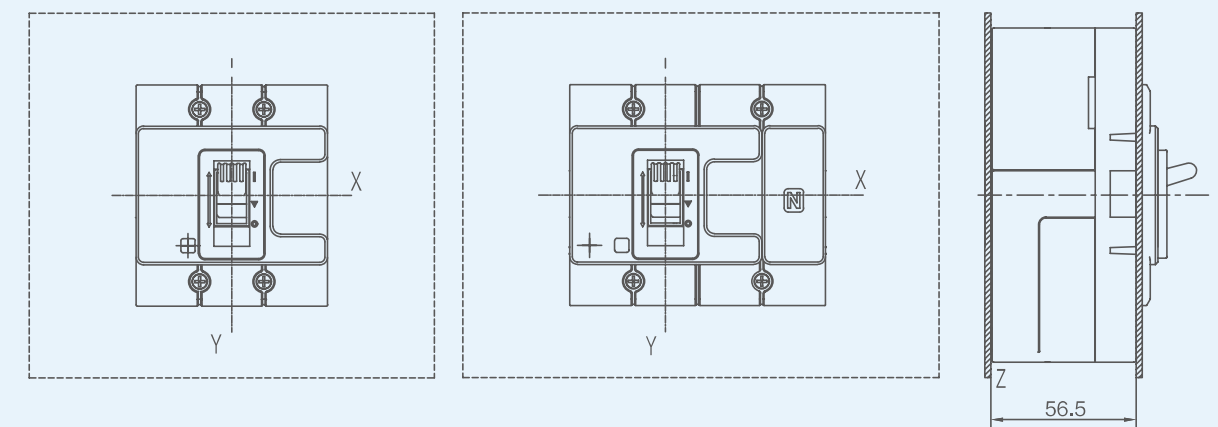
Unit: mm

NM5G-63F/Q, NM5G-100F/Q
Cabinet door opening (small)



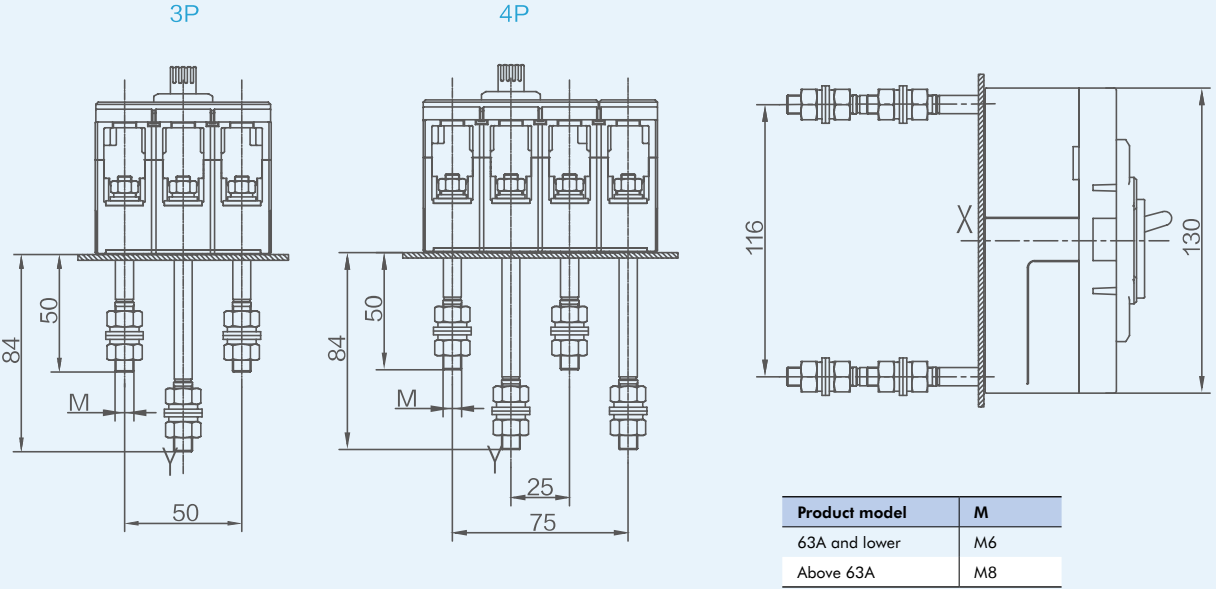
Unit: mm

Cabinet door opening (large)



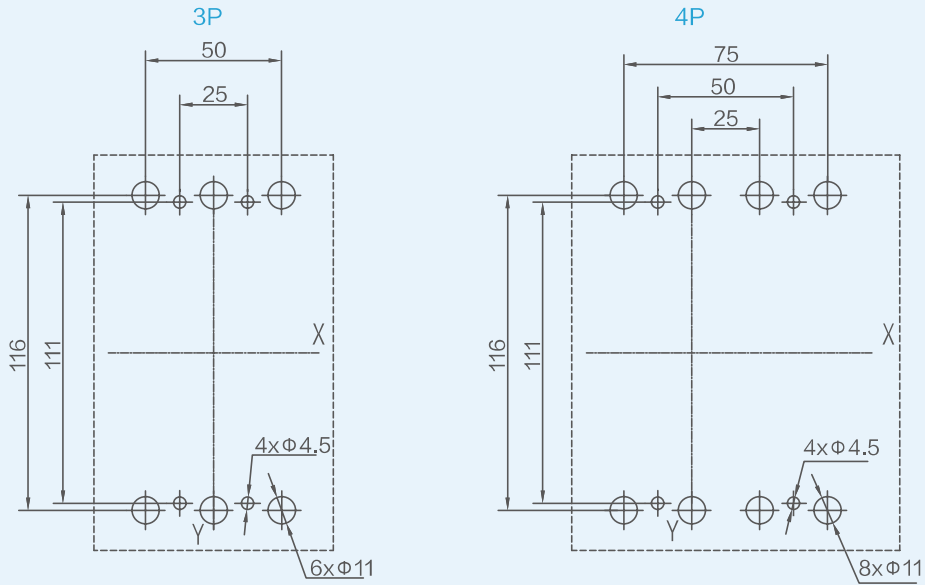
Unit: mm

NM5G-63F/Q, NM5G-100F/Q
Board rear wiring



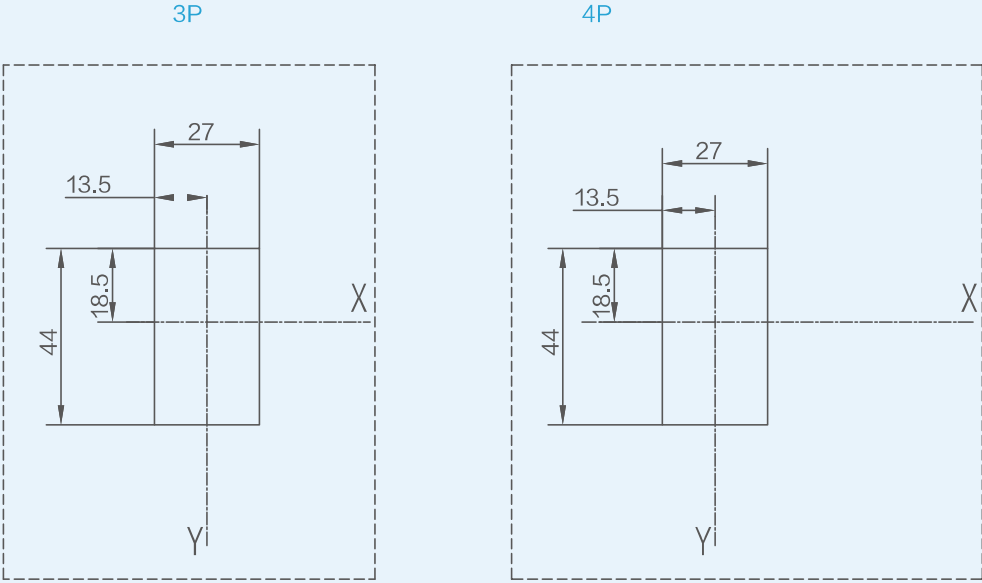
Unit: mm

Installation opening dimensions

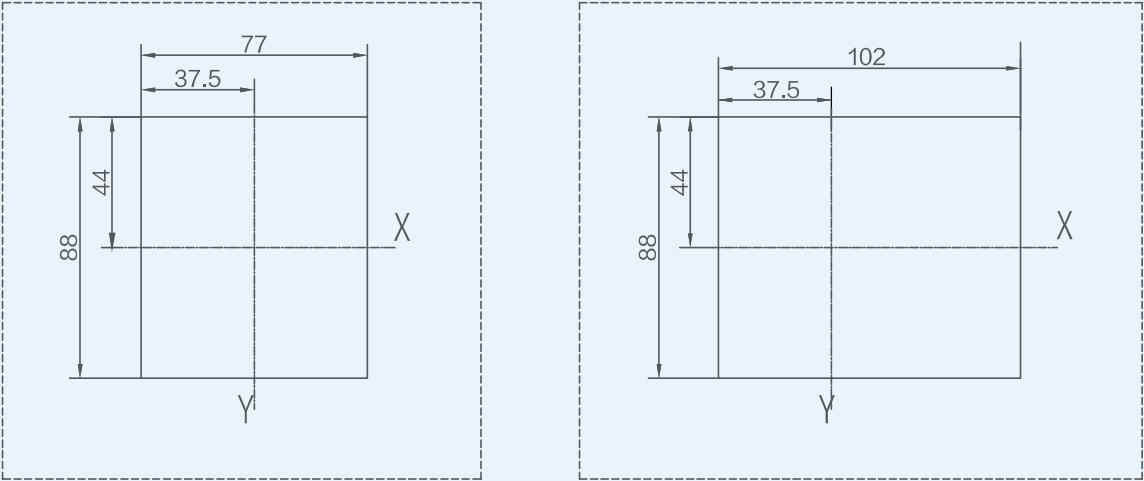


Unit: mm

NM5G-63F/Q, NM5G-100F/Q
Cabinet door opening (small)

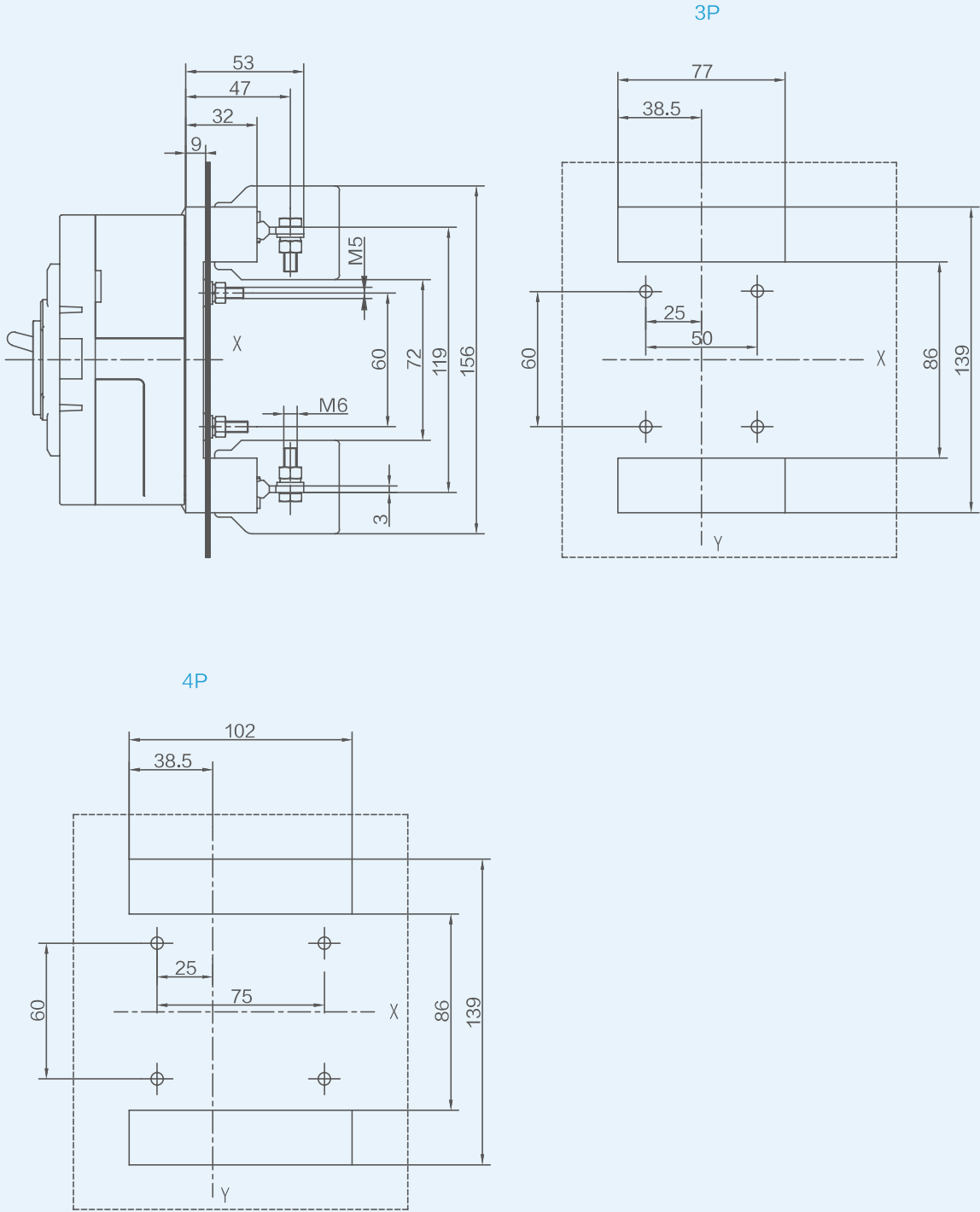


Cabinet door opening (large)



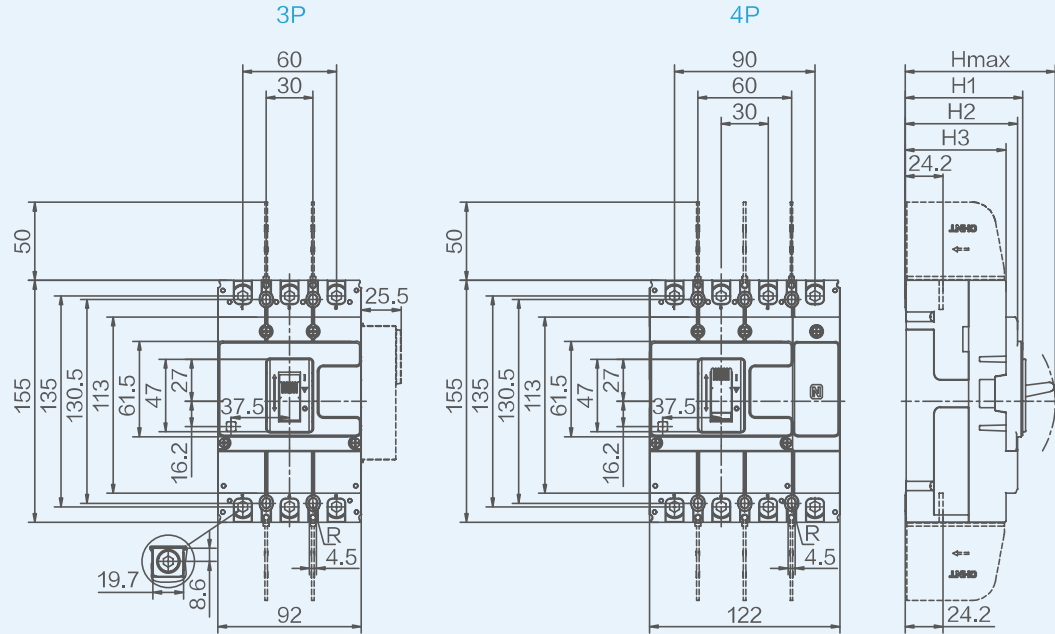
Unit: mm

Inserted board rear wiring



Unit: mm

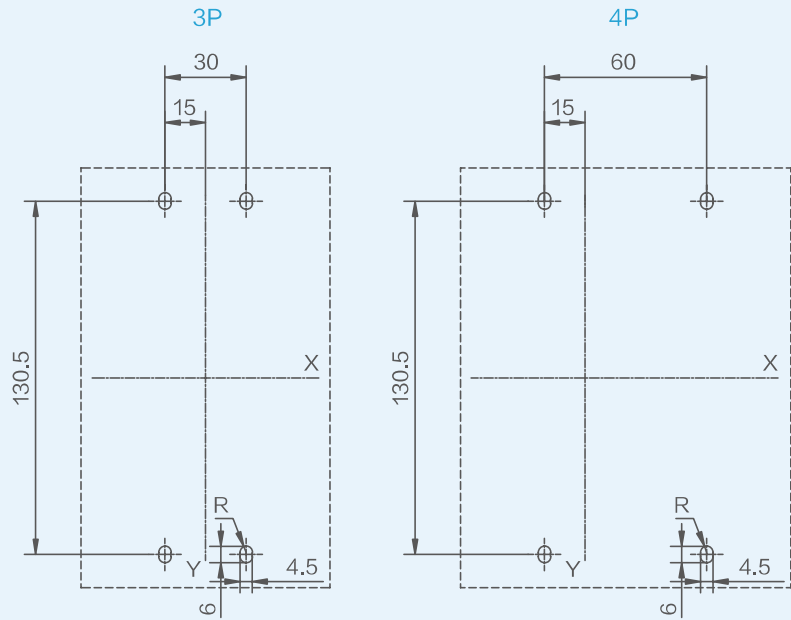
NM5G-125F/Q
Board front wiring



Product model	Hmax	H1	H2	H3
NM5G-125F	96.5	75.5	72	64.5
NM5G-125Q	112	91	87.5	80

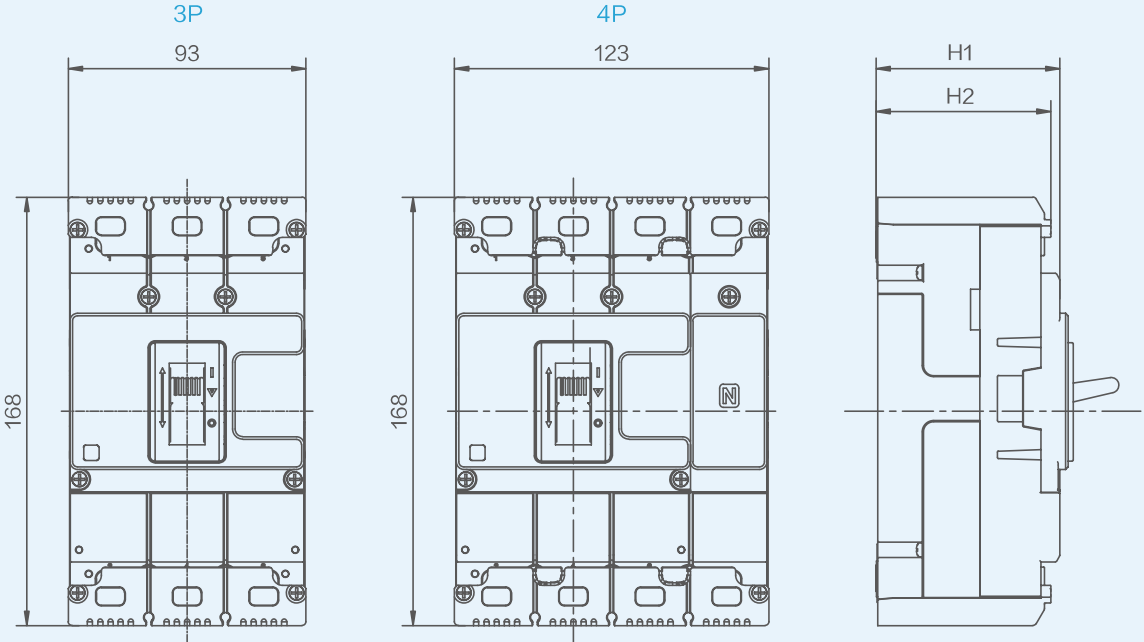
Unit: mm

Installation opening dimensions



Unit: mm

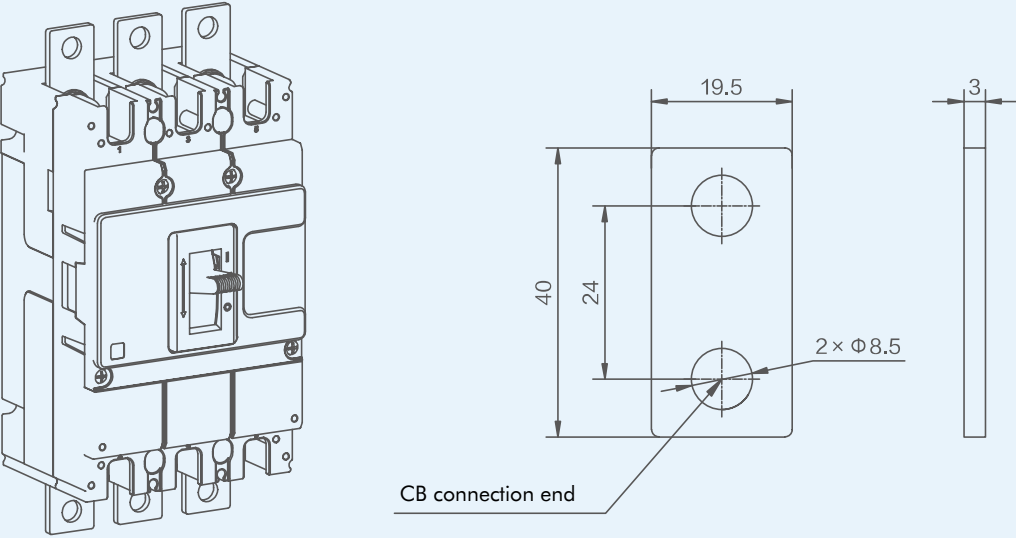
Short terminal hood



Product model	H1	H2
NM5G-125F	72	68.5
NM5G-125Q	87.5	84

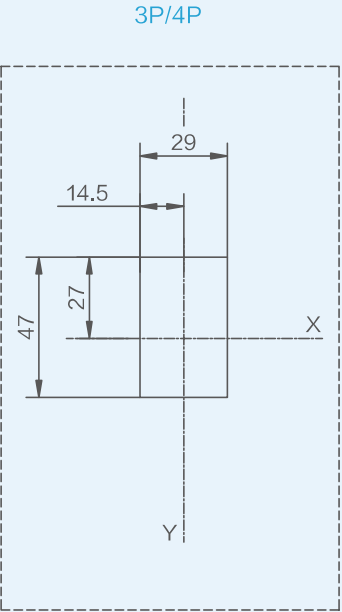
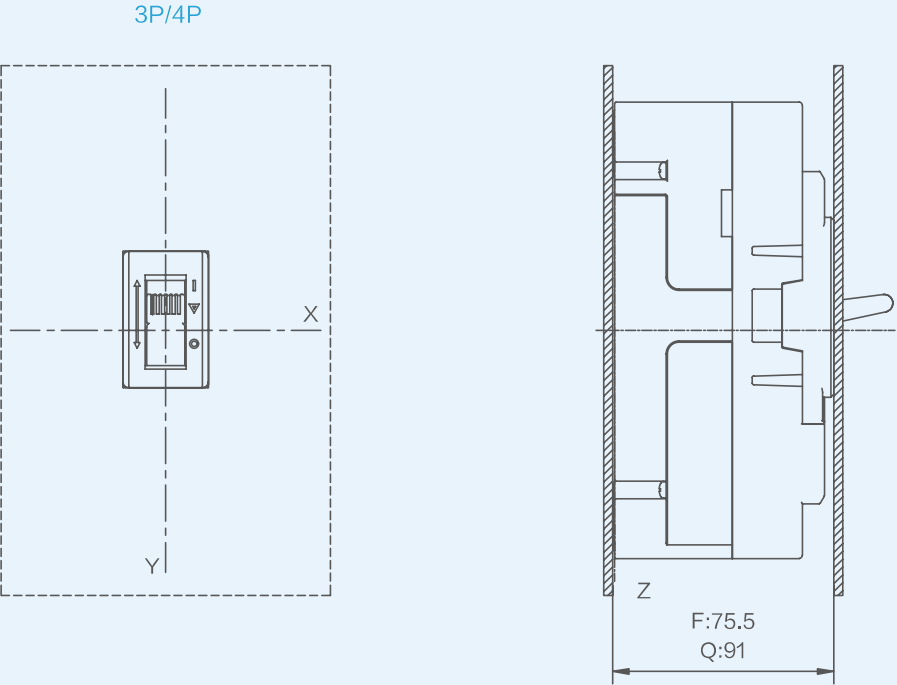
Unit: mm

Connection plate



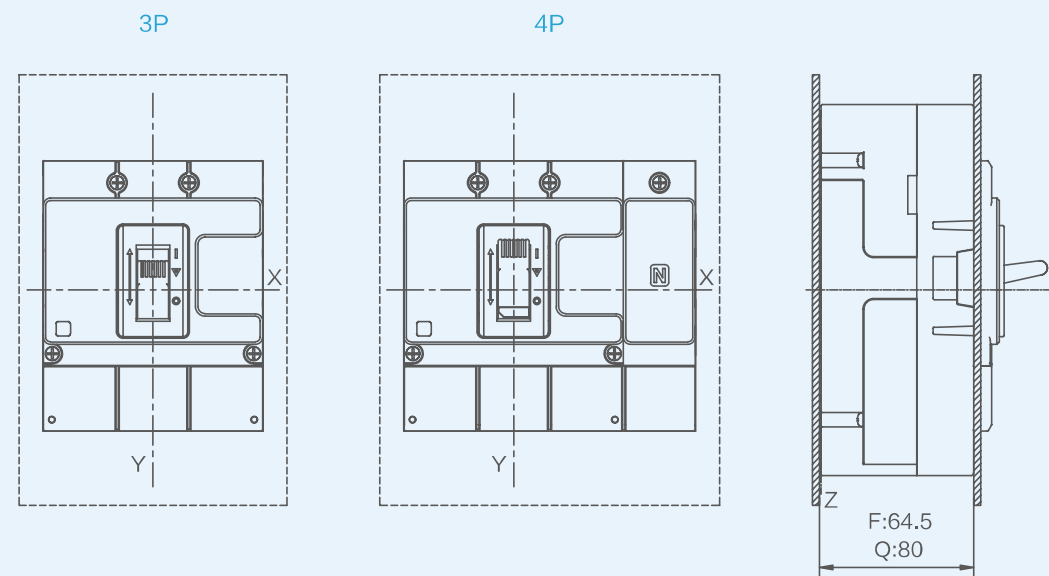
Unit: mm

NM5G-125F/Q
Cabinet door opening (small)

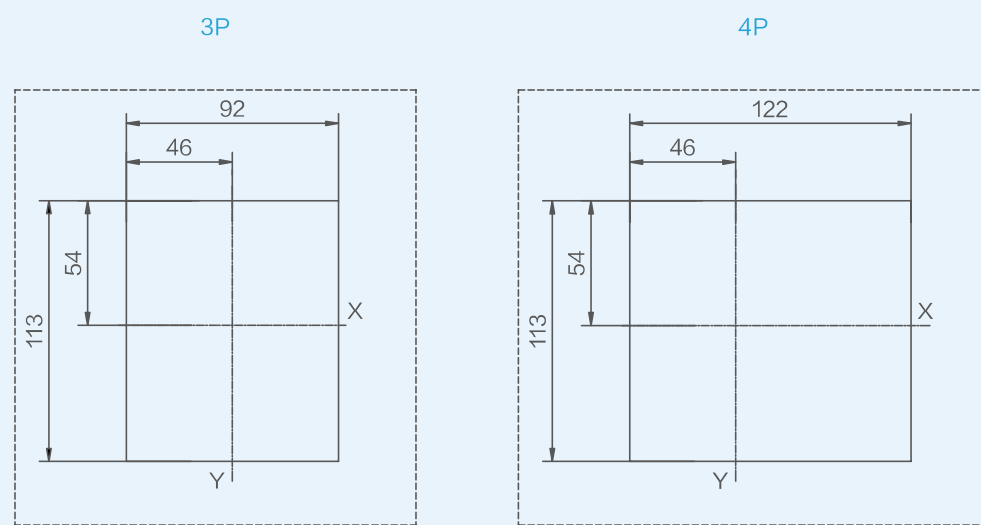


Unit: mm

Cabinet door opening (large)

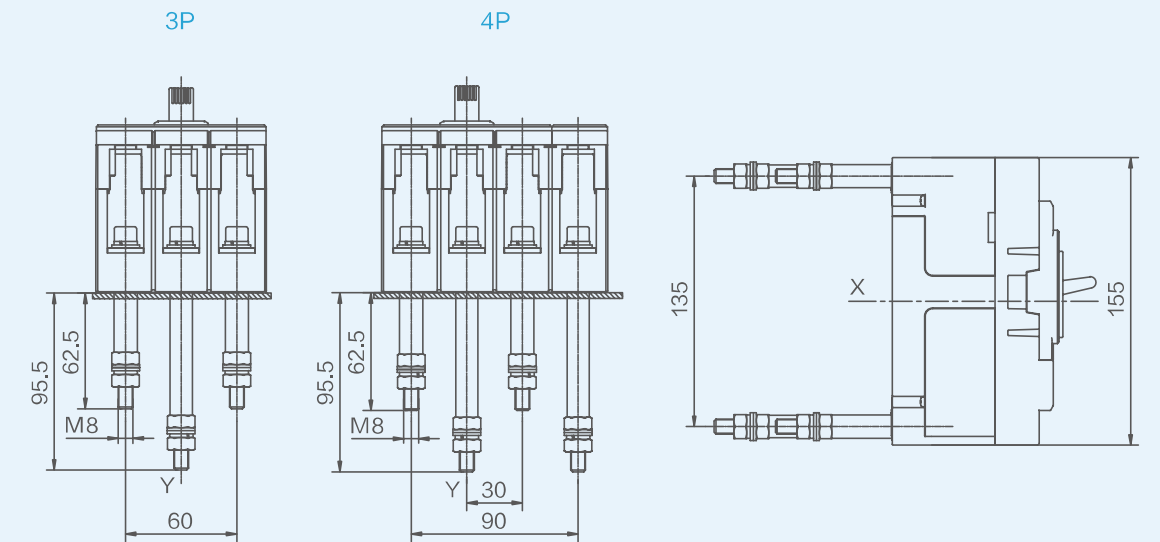


Unit: mm



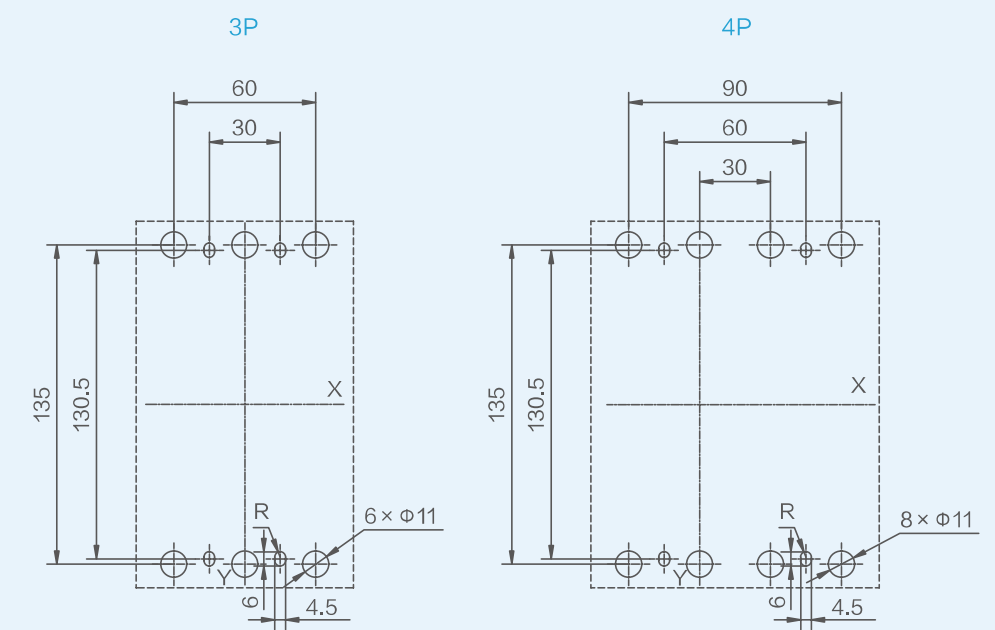
Unit: mm

**NM5G-125F/Q
Board rear wiring**



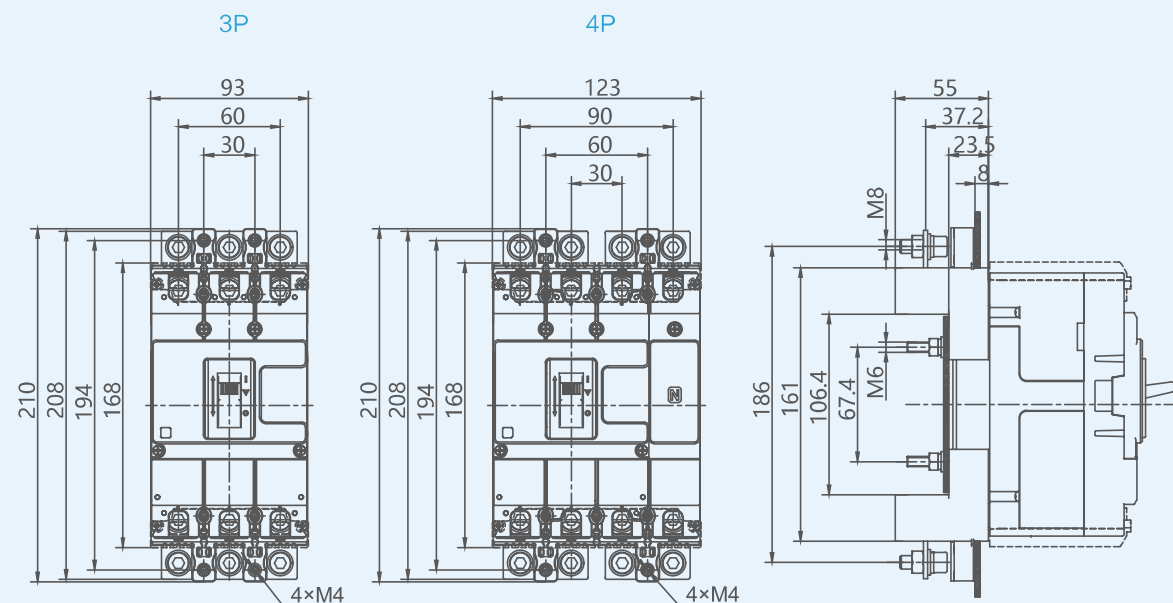
Unit: mm

Installation opening dimensions



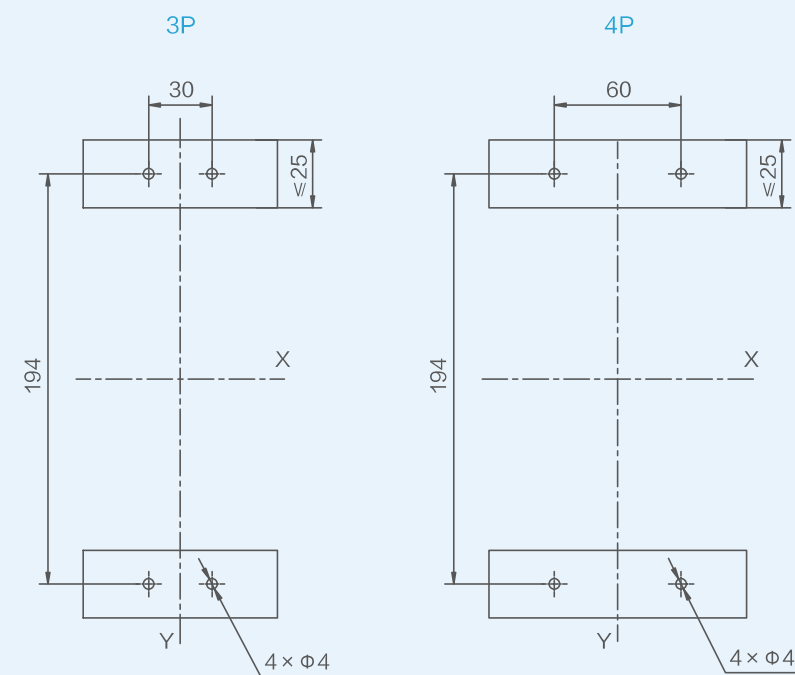
Unit: mm

Inserted board front wiring



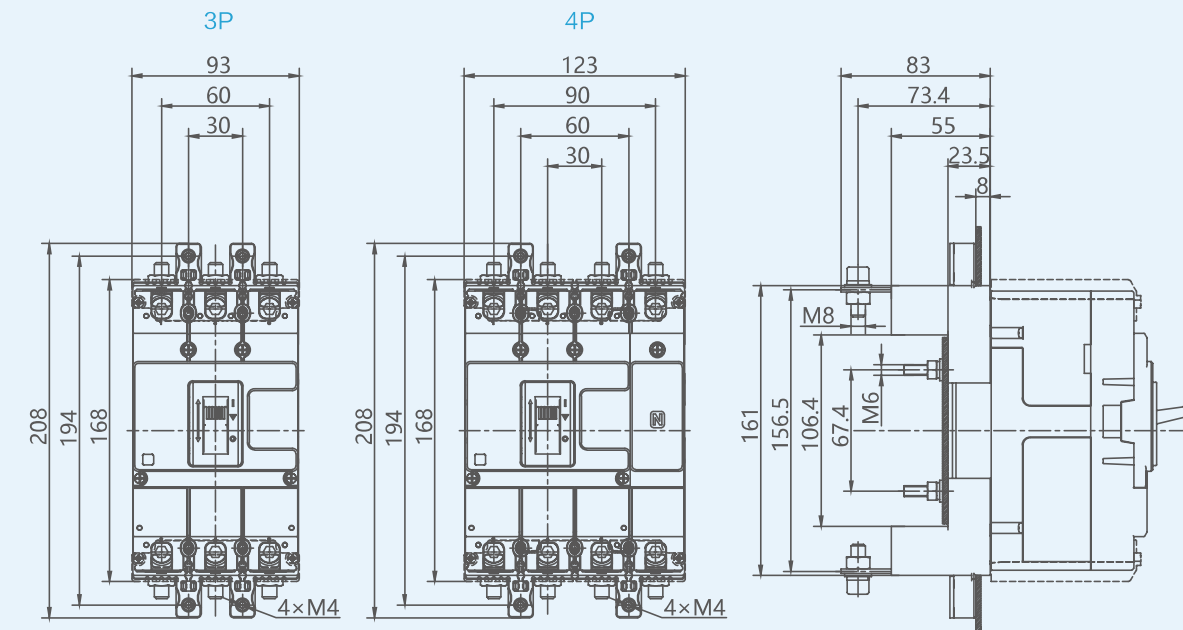
Unit: mm

Installation opening dimensions



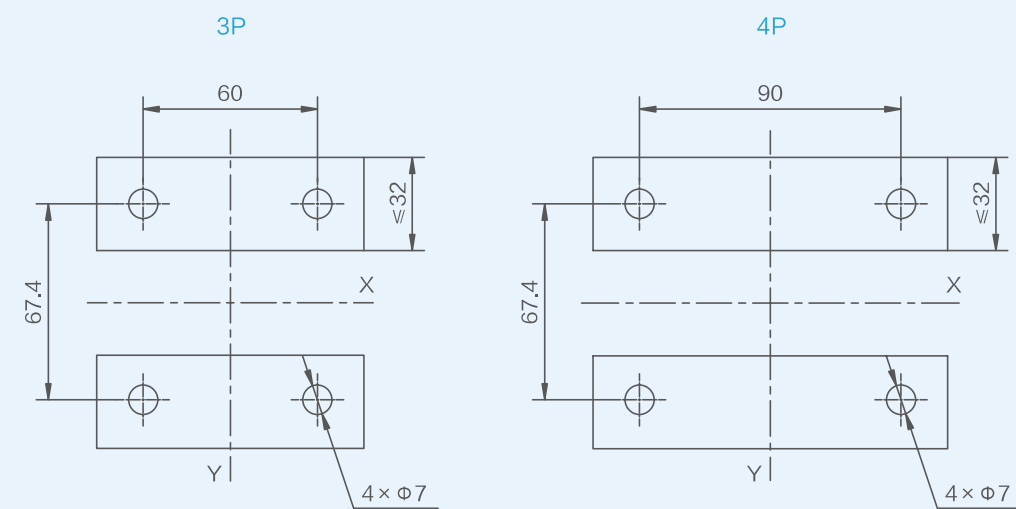
Unit: mm

NM5G-125F/Q
Inserted board rear wiring



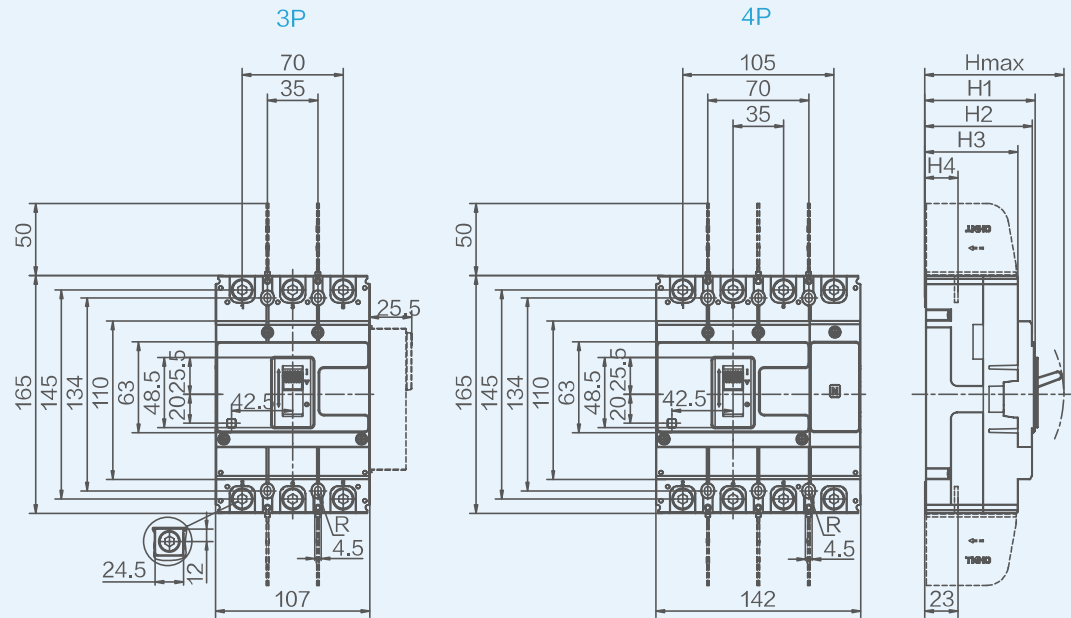
Unit: mm

Installation opening dimensions



Unit: mm

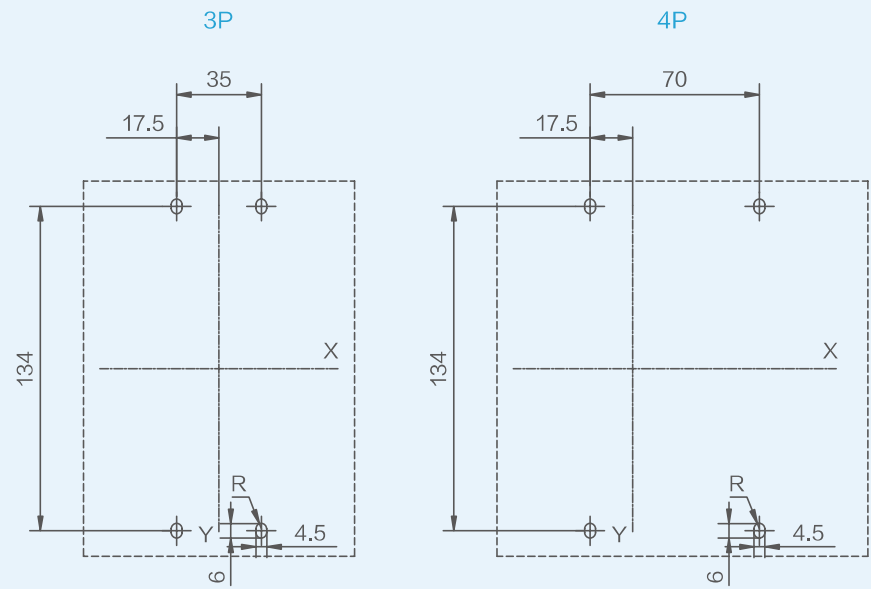
NM5G-250F/Q
Board front wiring



Product model	Hmax	H1	H2	H3	H4
NM5G-250F	97.5	76.5	74.5	64.5	24
NM5G-250Q	122.5	101.5	99.5	89.5	24.5

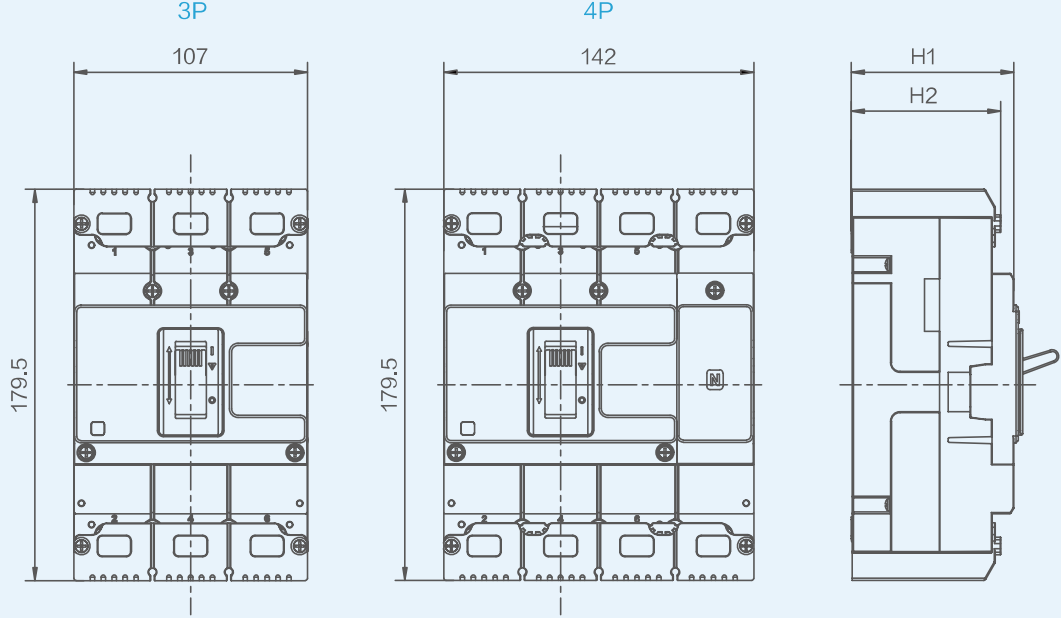
Unit: mm

Installation opening dimensions



Unit: mm

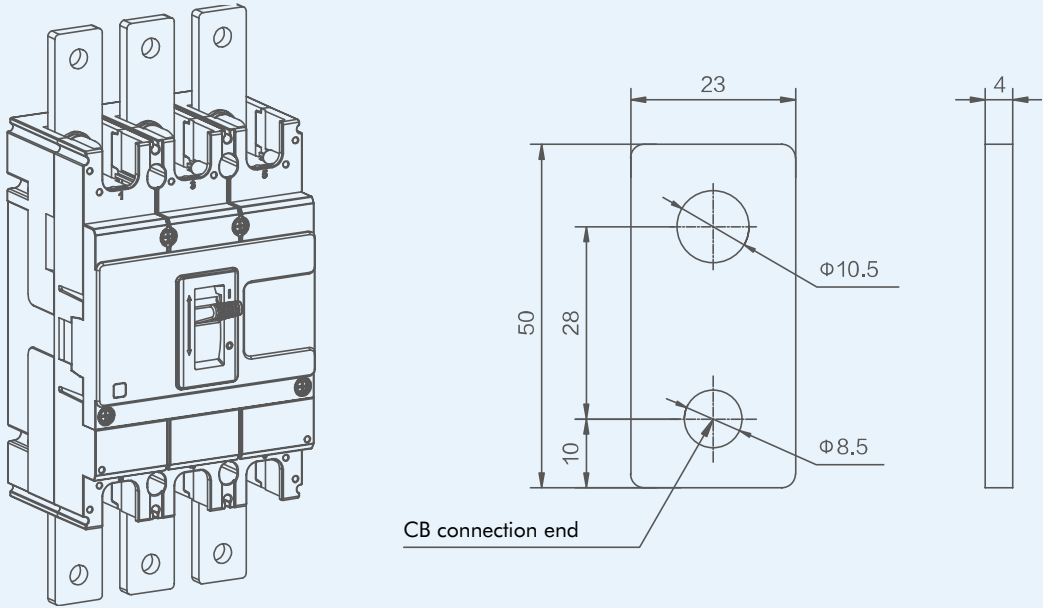
NM5G-250F/Q
Short terminal hood



Product model	H1	H2
NM5G-250F	74.5	68.5
NM5G-250Q	99.5	93.5

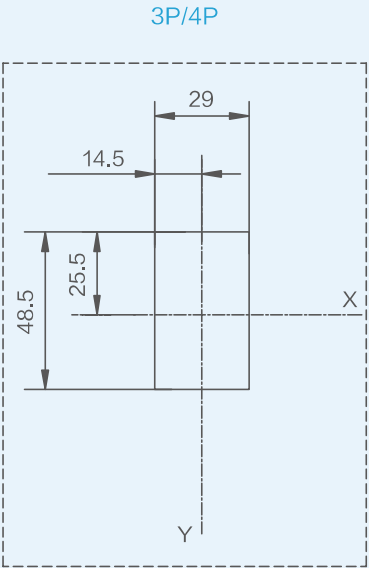
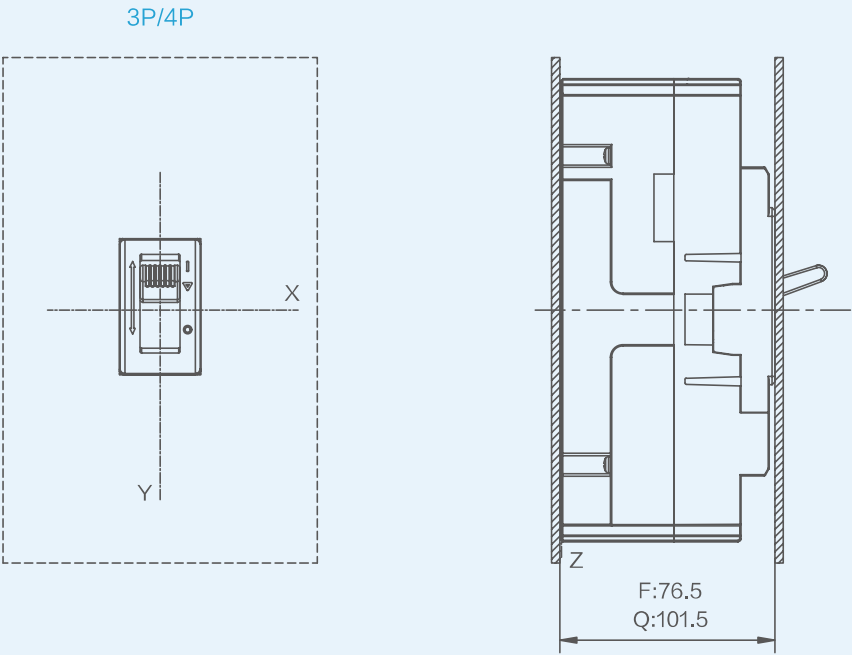
Unit: mm

Connection plate

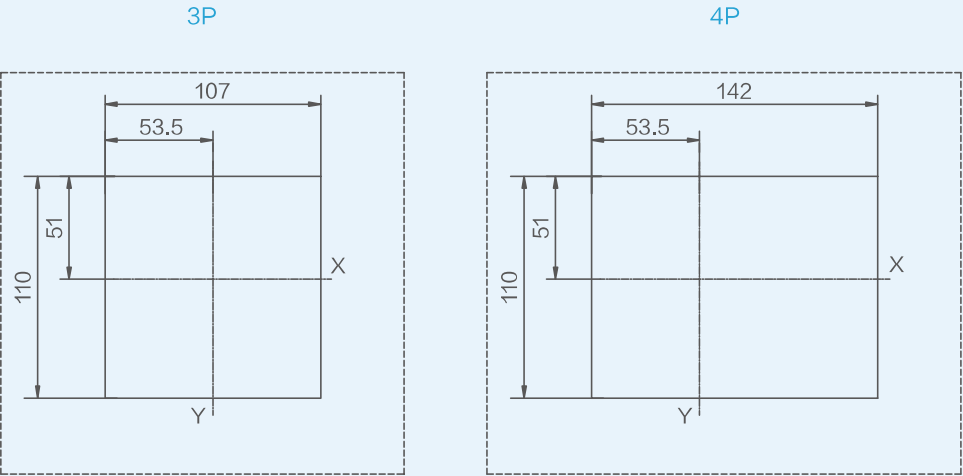
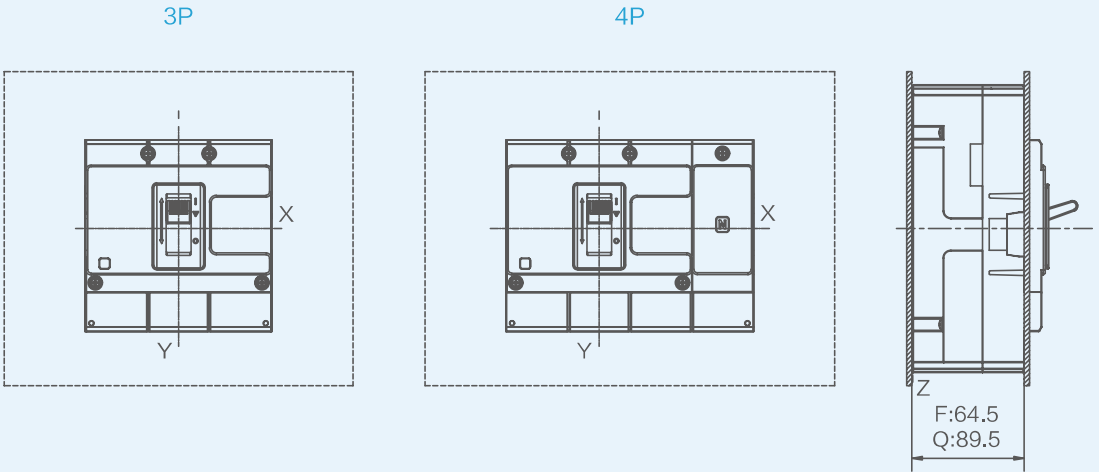


Unit: mm

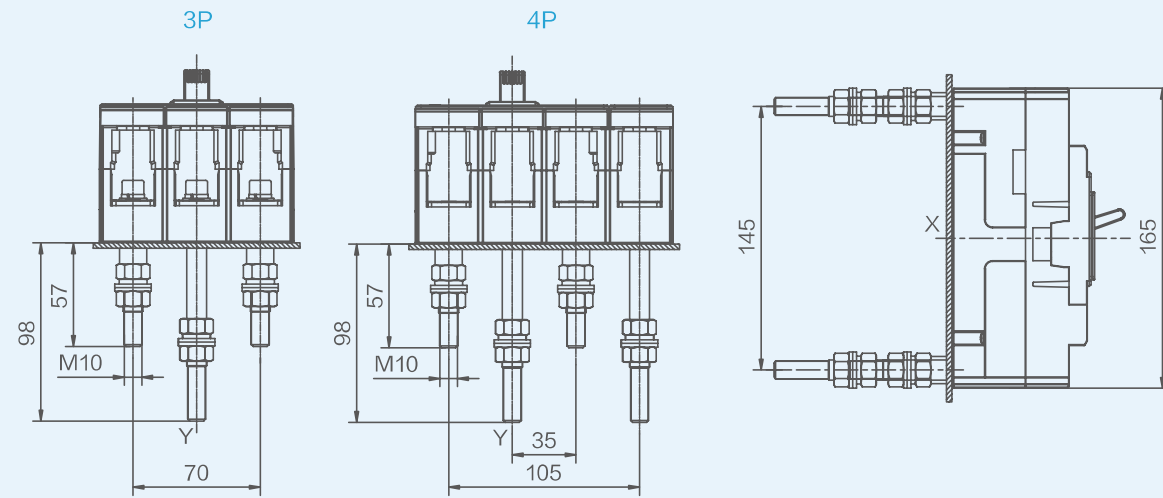
Cabinet door opening (small)



NM5G-250F/Q
Cabinet door opening (large)

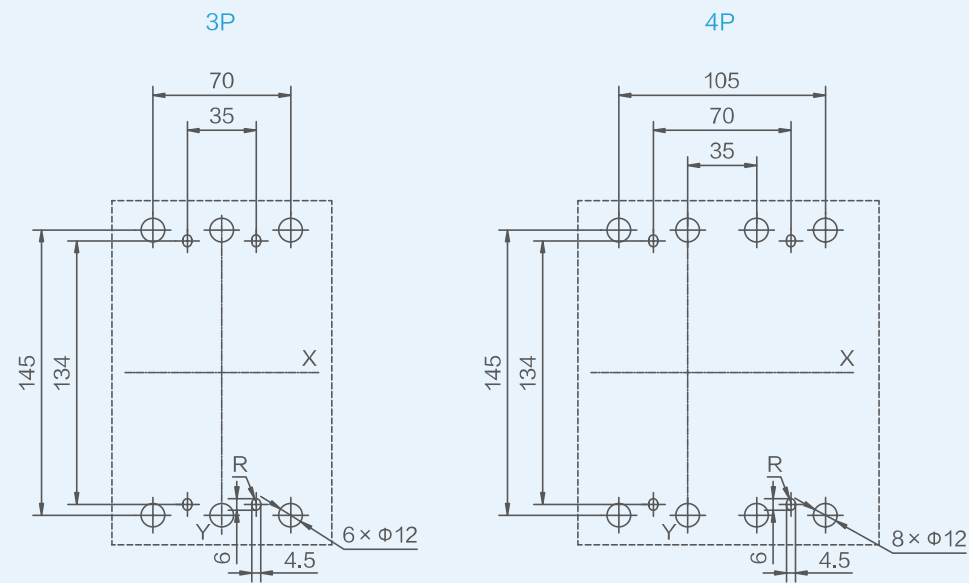


NM5G-250F/Q
Board rear wiring



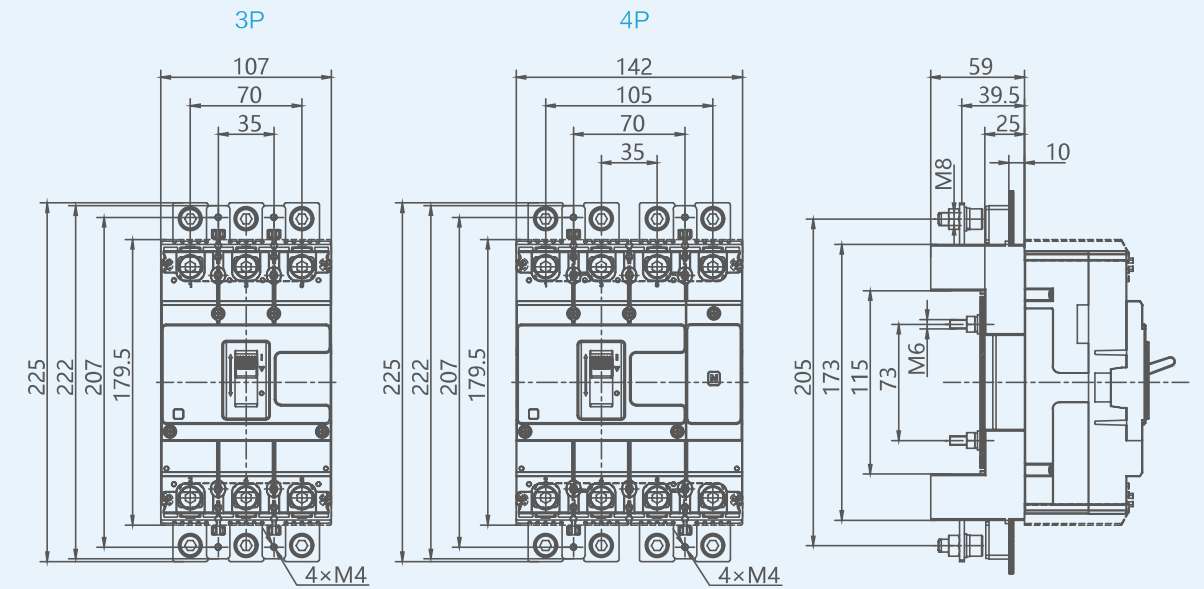
Unit: mm

Installation opening dimensions



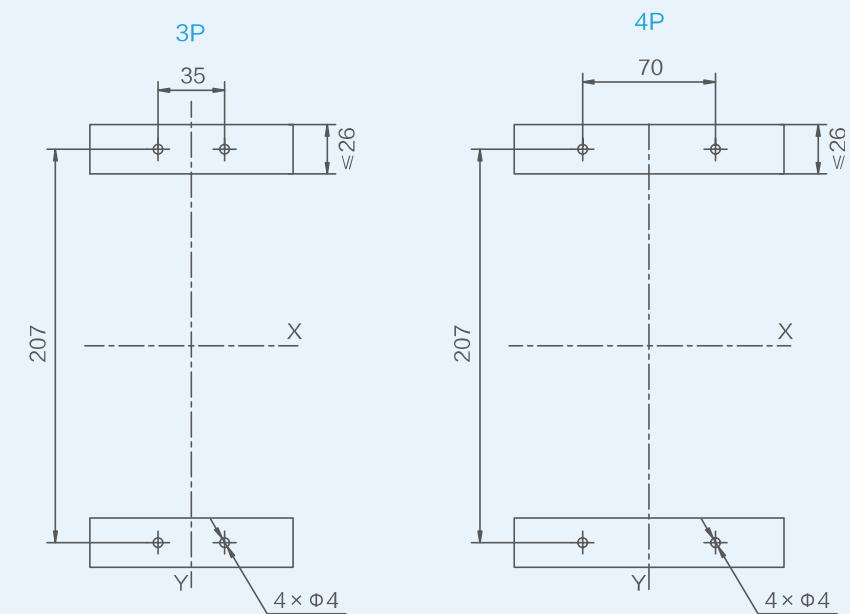
Unit: mm

NM5G-250F/Q
Inserted board front wiring



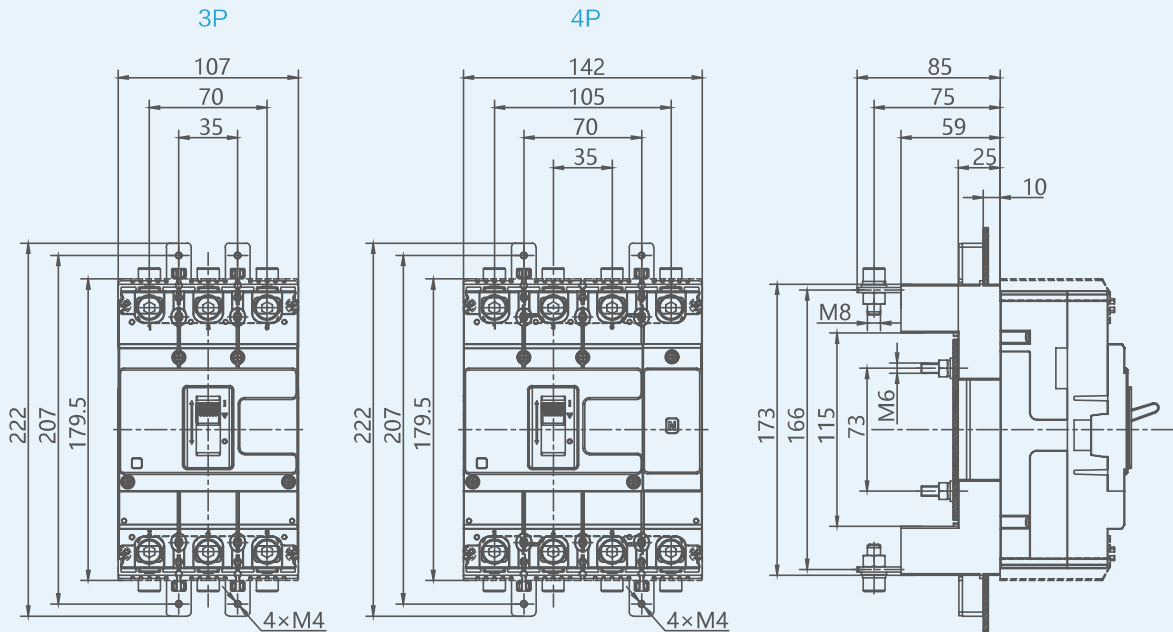
Unit: mm

Installation opening dimensions



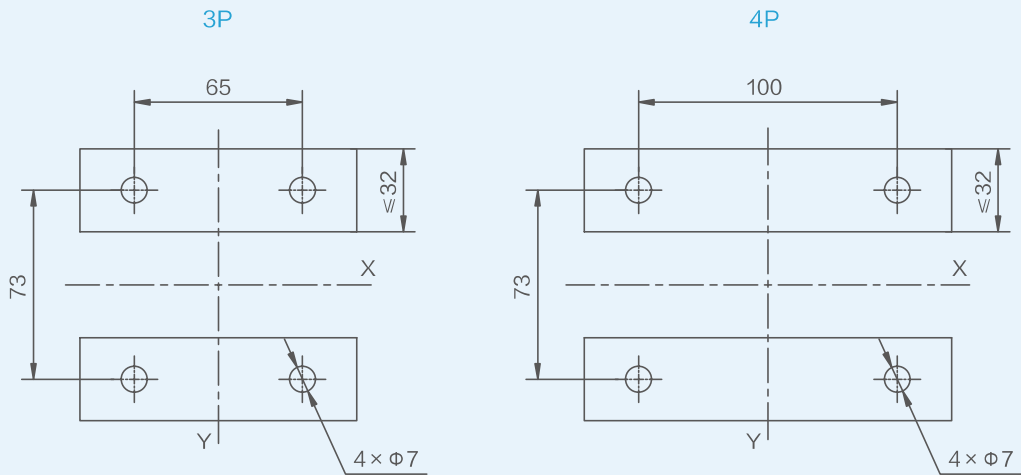
Unit: mm

Inserted board rear wiring



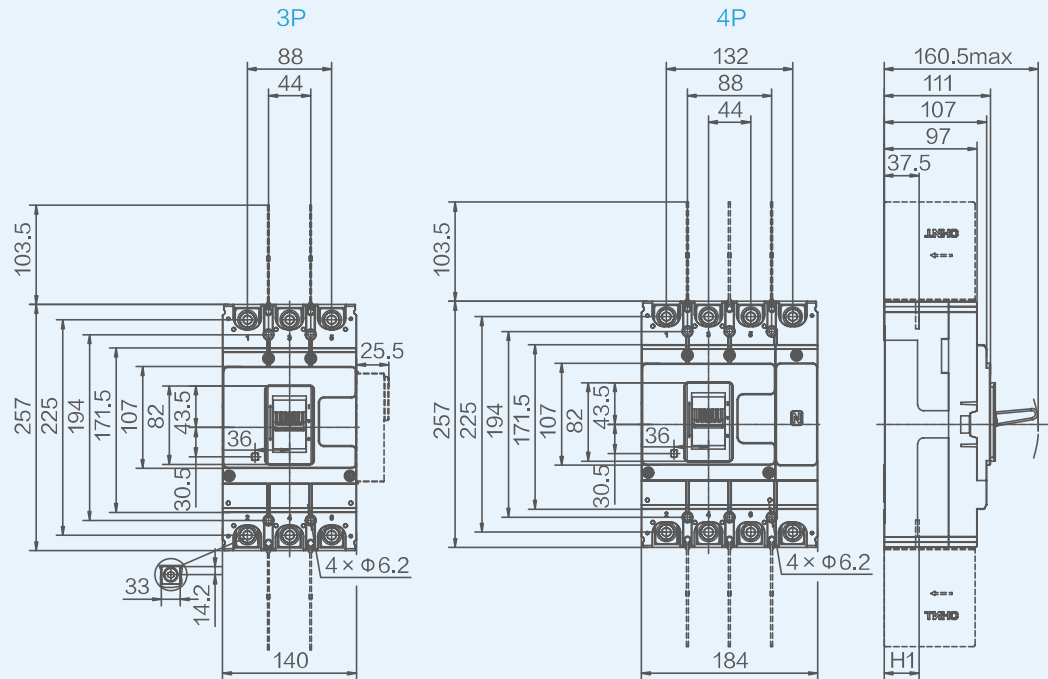
Unit: mm

Installation opening dimensions



Unit: mm

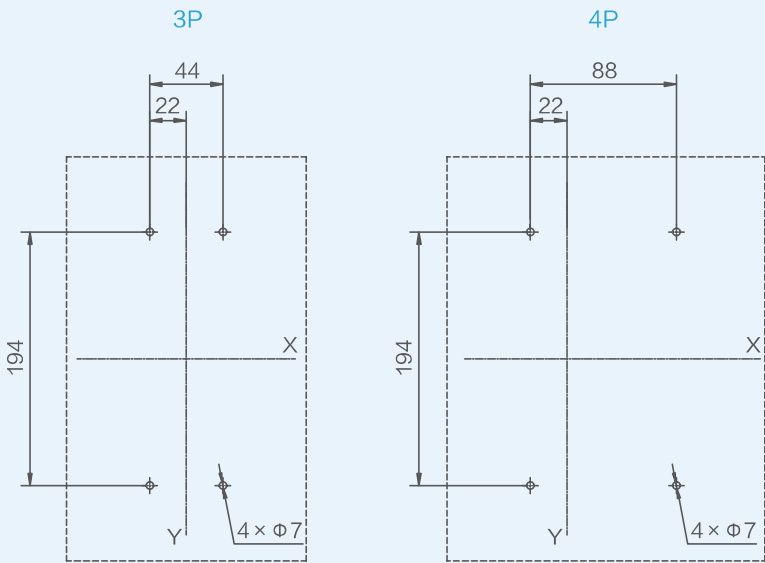
NM5G-400F/Q, NM5G-630F/Q
Board front wiring



Product model	H1
NM5G-400	36
NM5G-630	36.5

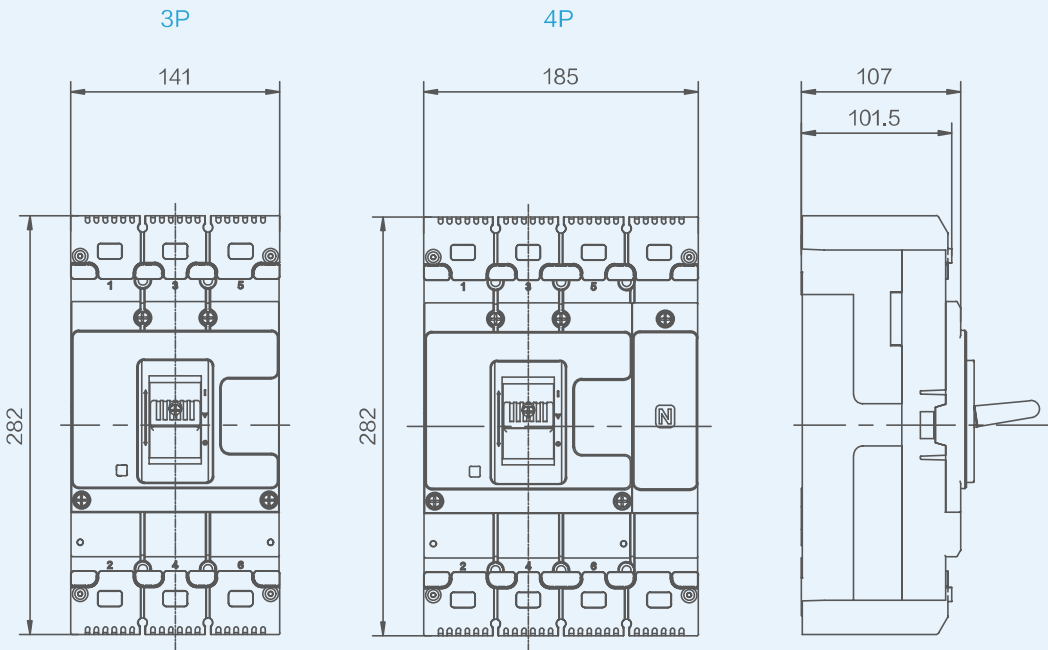
Unit: mm

Installation opening dimensions



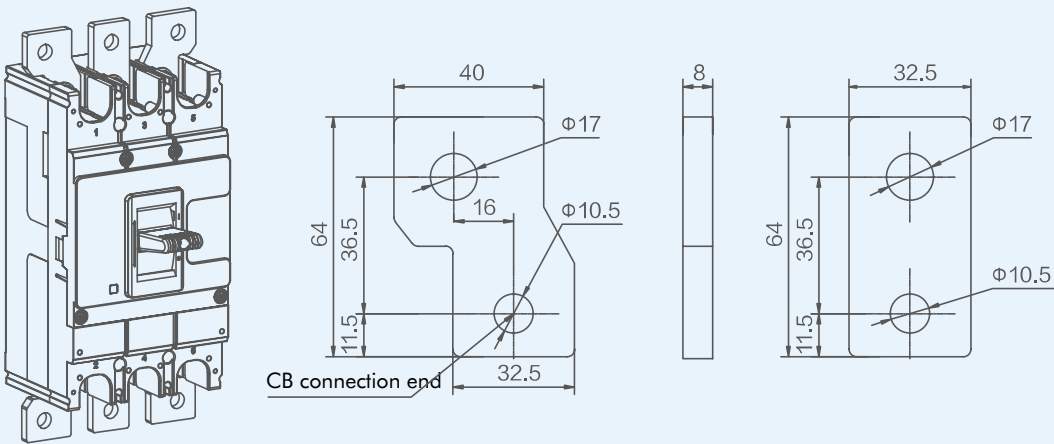
Unit: mm

Short terminal hood



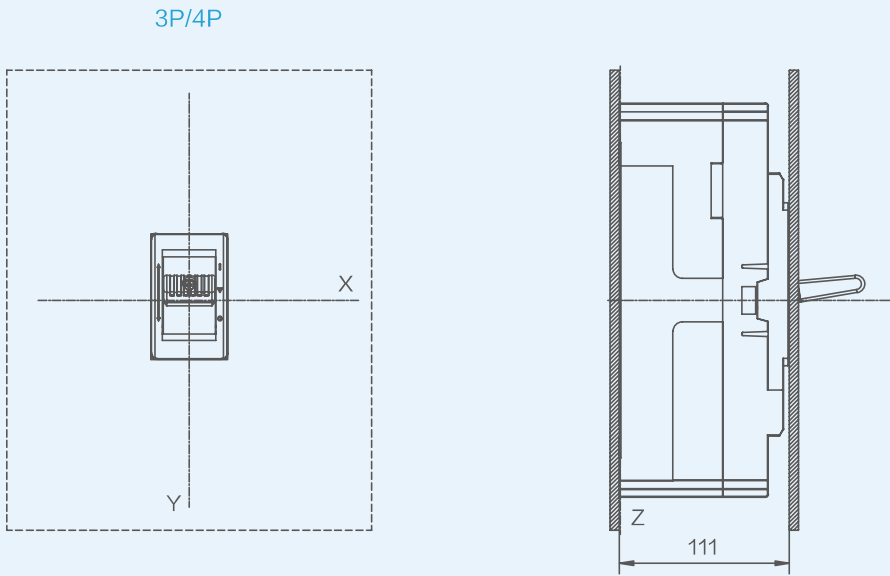
Unit: mm

Connection plate



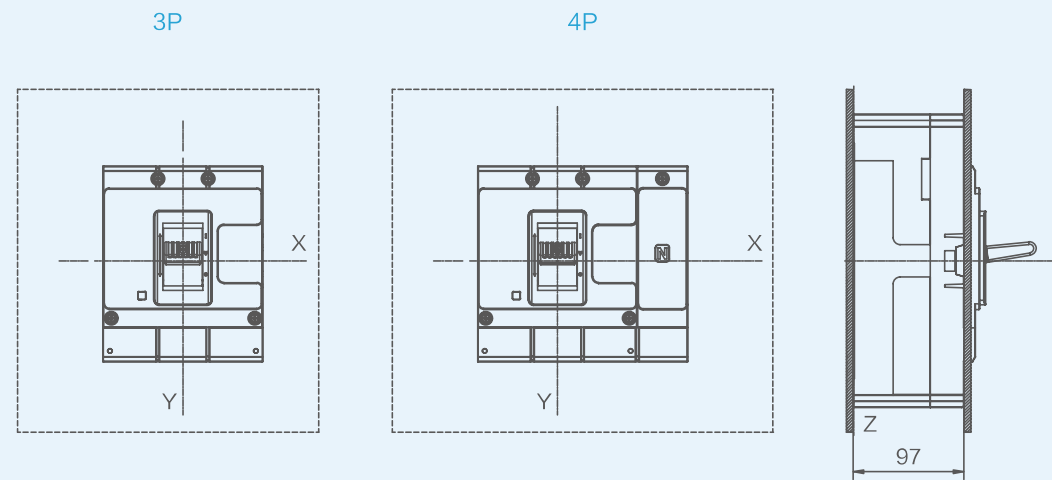
Unit: mm

NM5G-400F/Qx NM5G-630F/Q
Cabinet door opening (small)

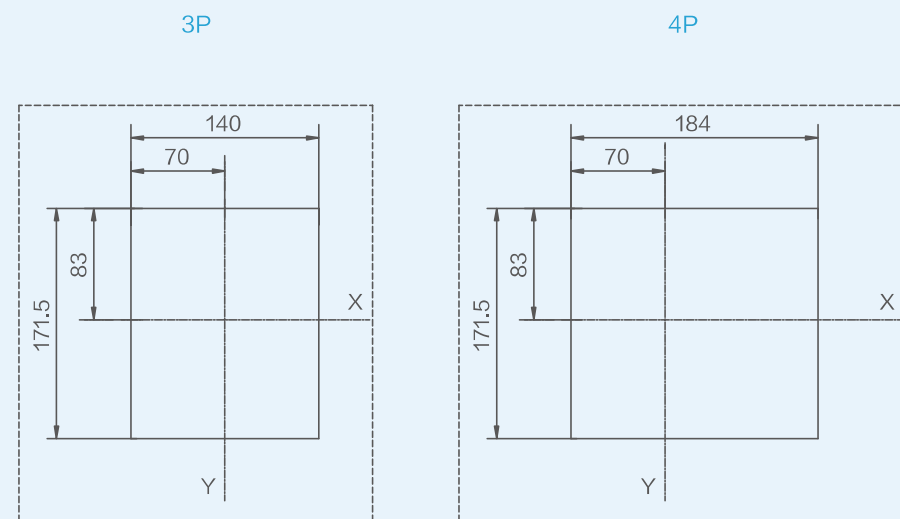


Unit: mm

Cabinet door opening (large)

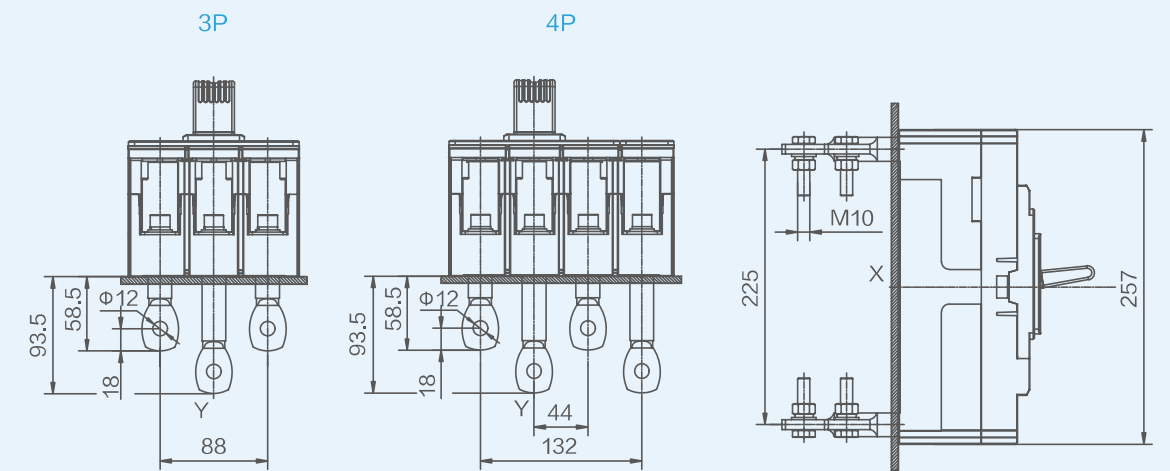


Unit: mm



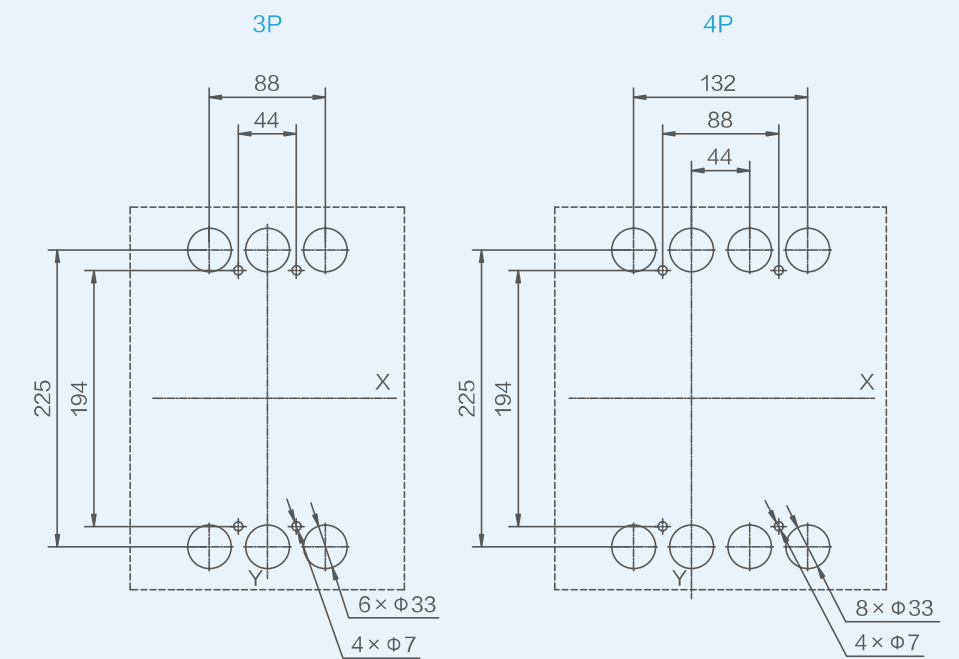
Unit: mm

NM5G-400F/Q, NM5G-630F/Q
Board rear wiring



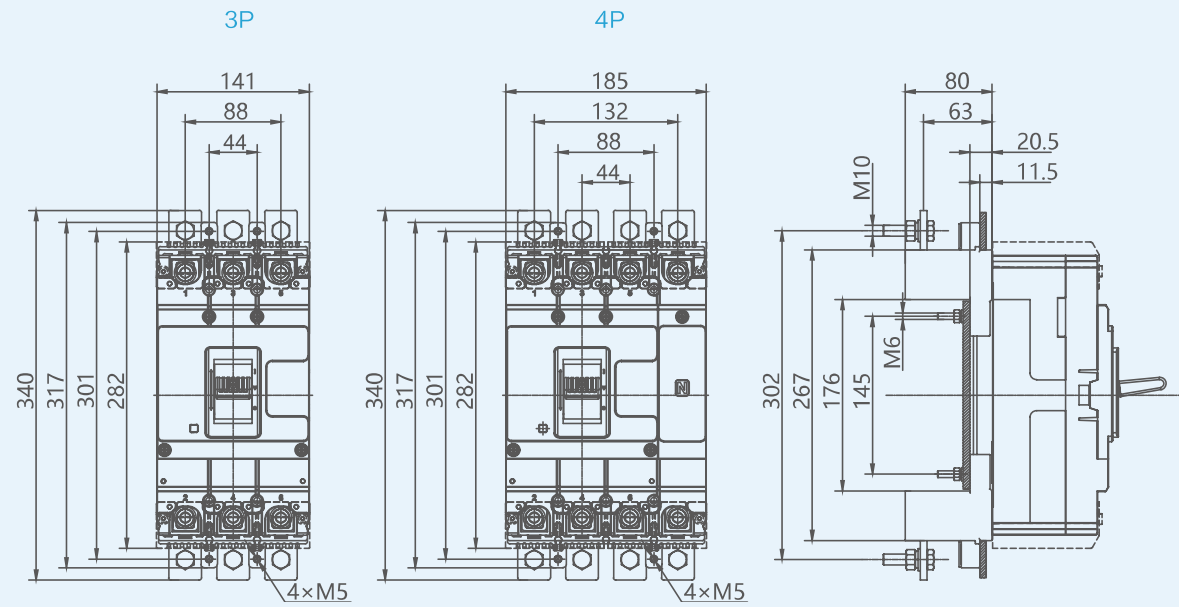
Unit: mm

Installation opening dimensions



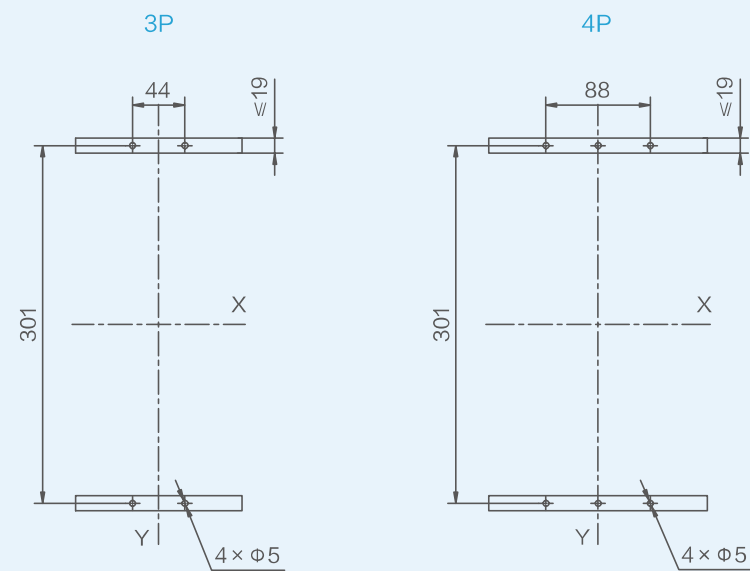
Unit: mm

Inserted board front wiring



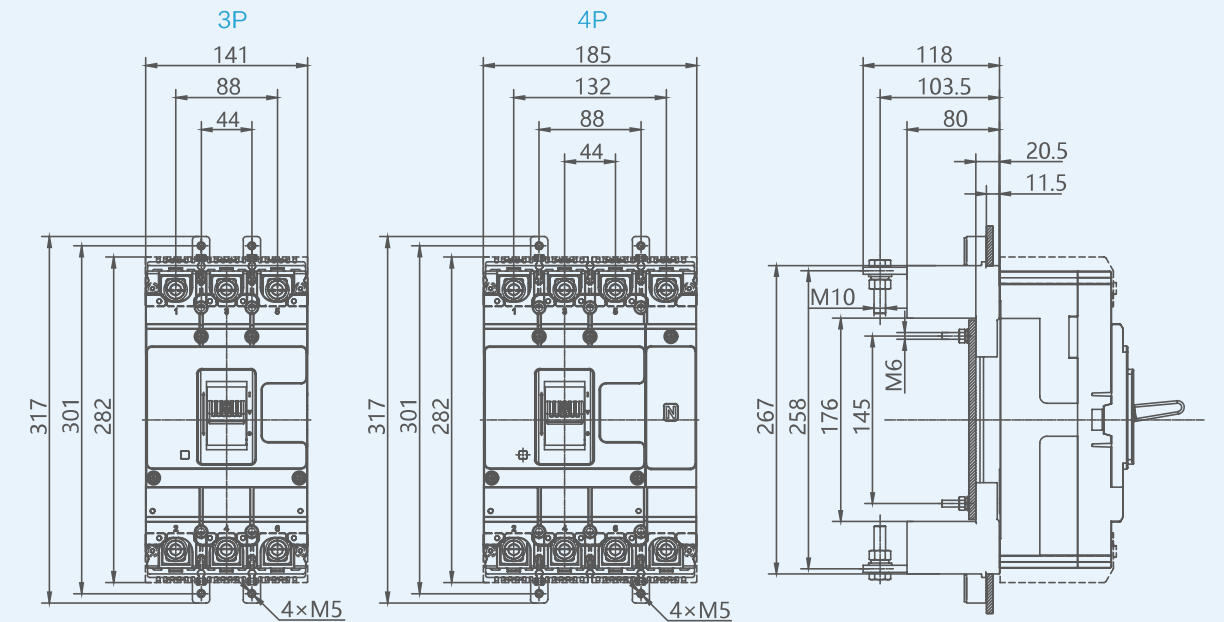
Unit: mm

Installation opening dimensions



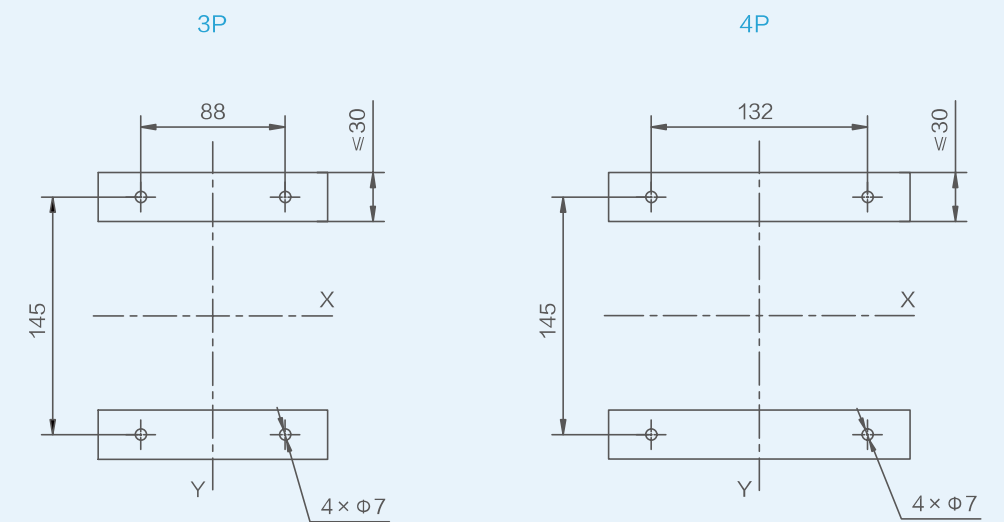
Unit: mm

NM5G-400F/Q, NM5G-630F/Q Inserted board rear wiring



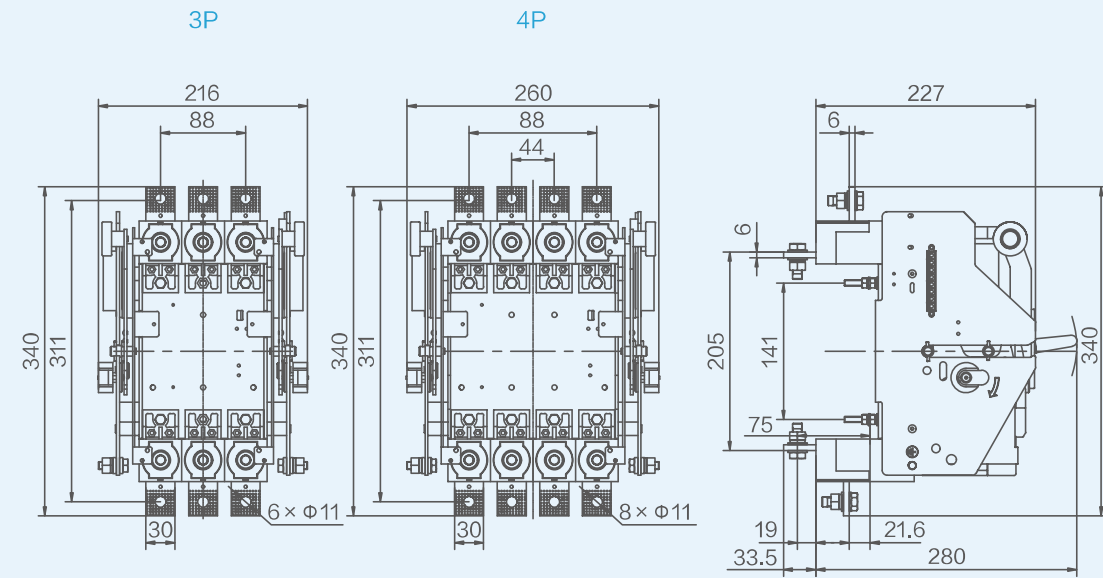
Unit: mm

Installation opening dimensions



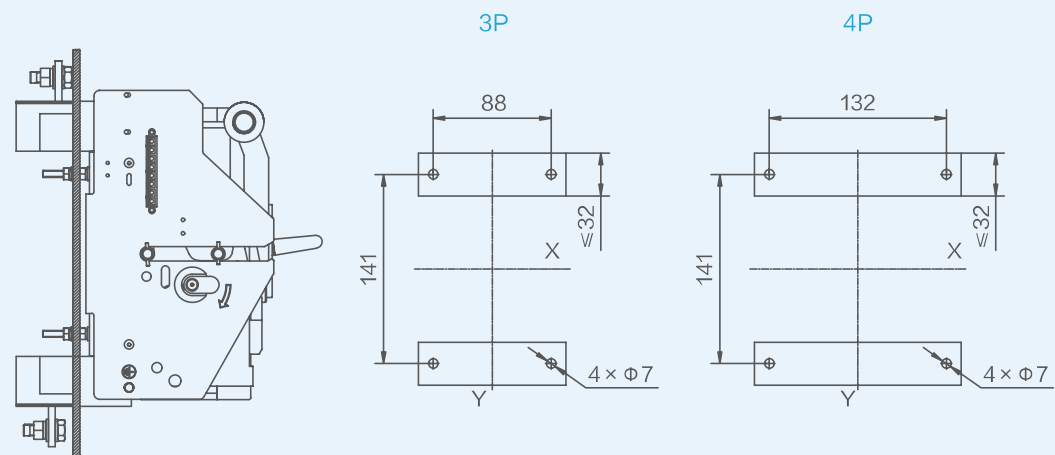
Unit: mm

NM5G-400F/QvNM5G-630F/Q draw-out type



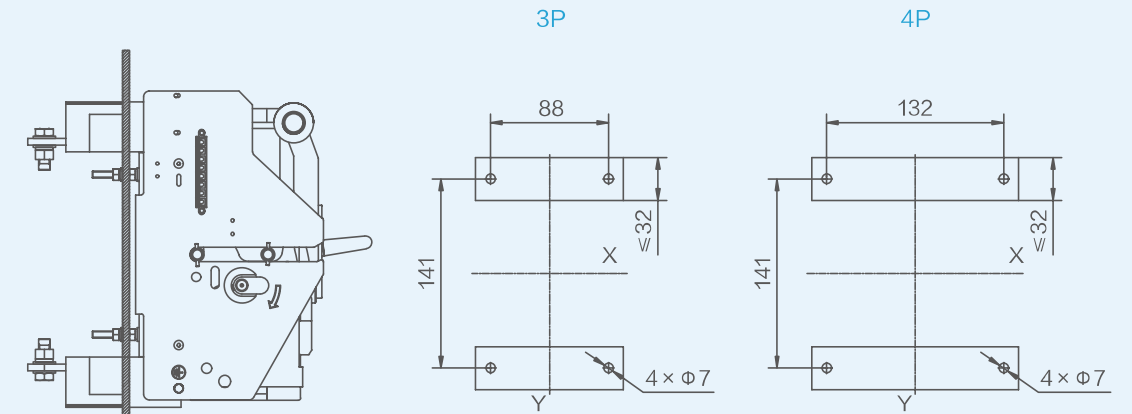
Unit: mm

Draw-out type Board front wiring



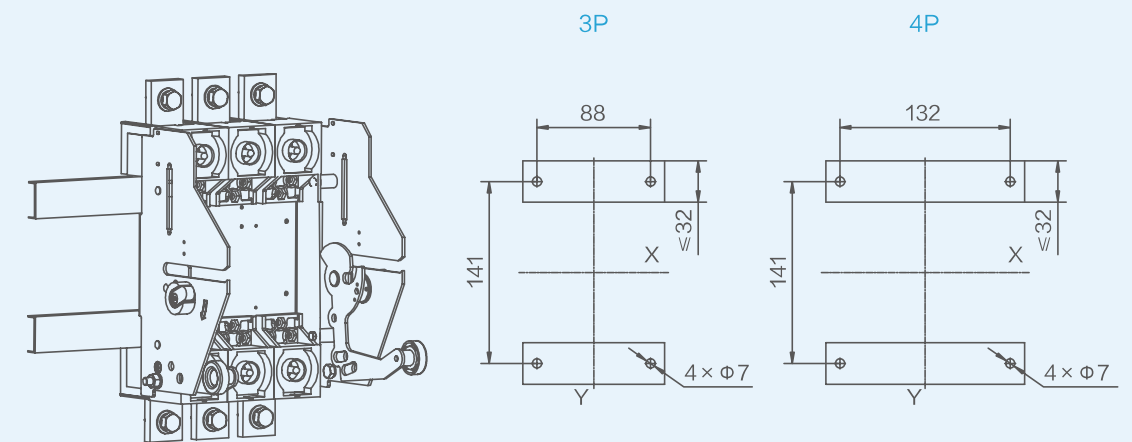
Unit: mm

NM5G-400F/Q, NM5G-630F/Q
Draw-out type Board rear wiring



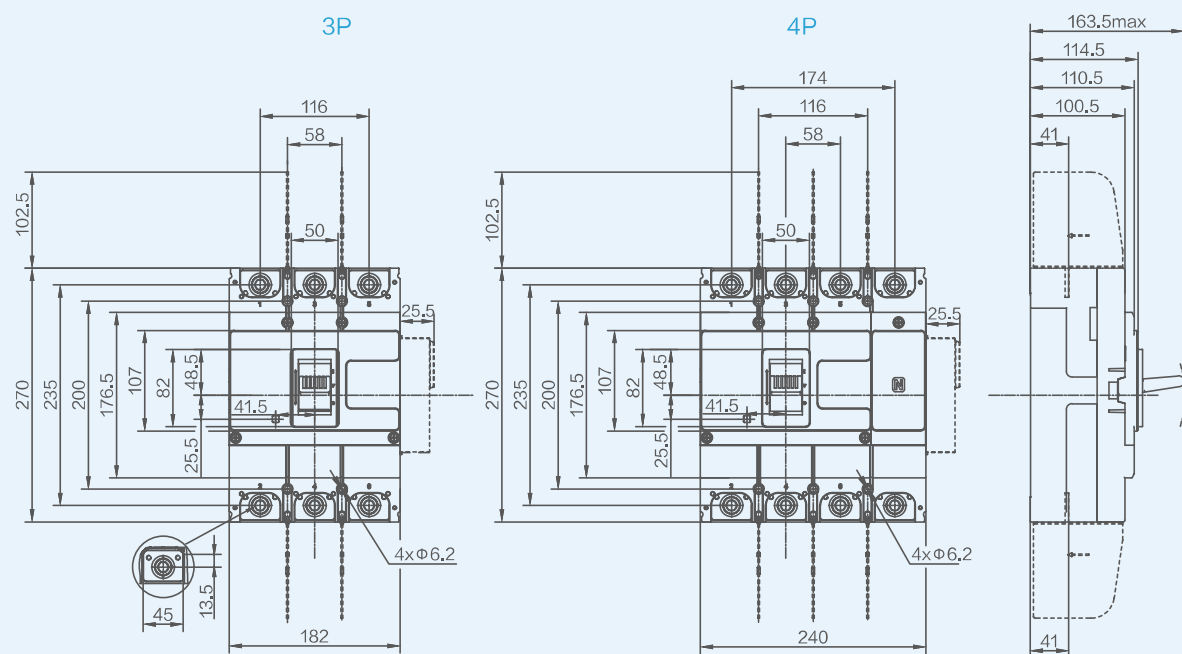
Unit: mm

Draw-out type guide rail installation



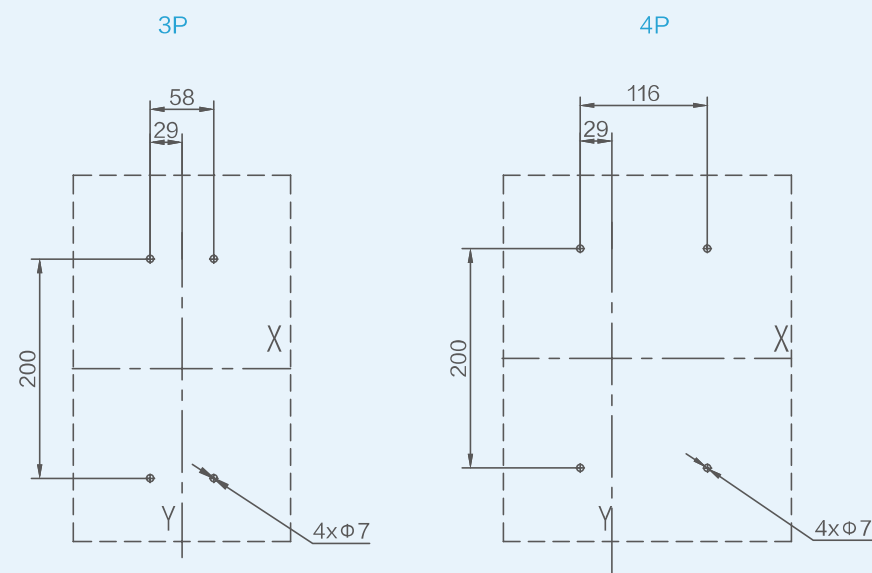
Unit: mm

NM5G-800/W630
Board front wiring



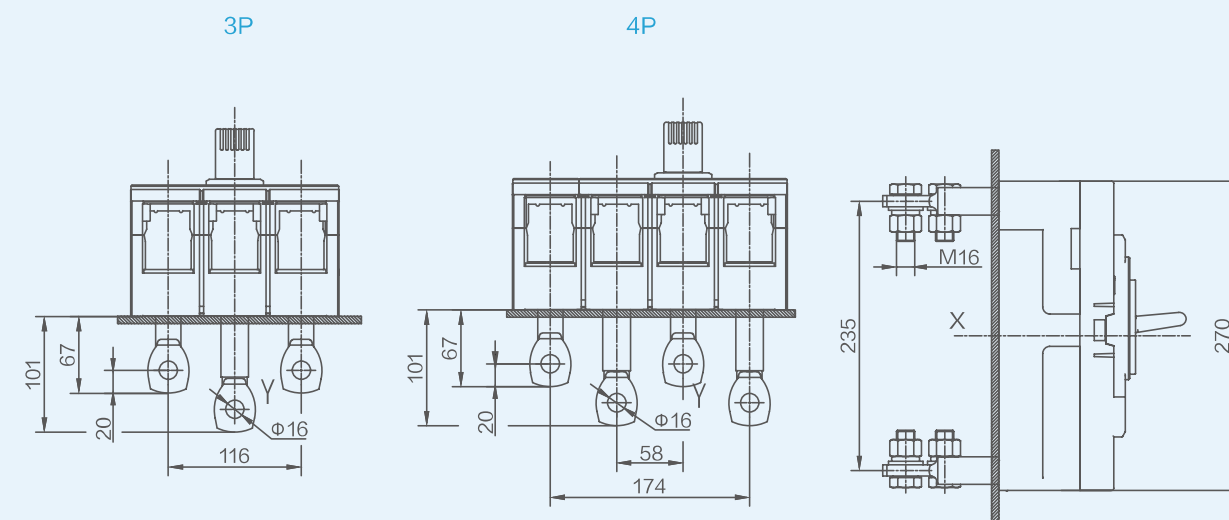
Unit: mm

Installation opening dimensions



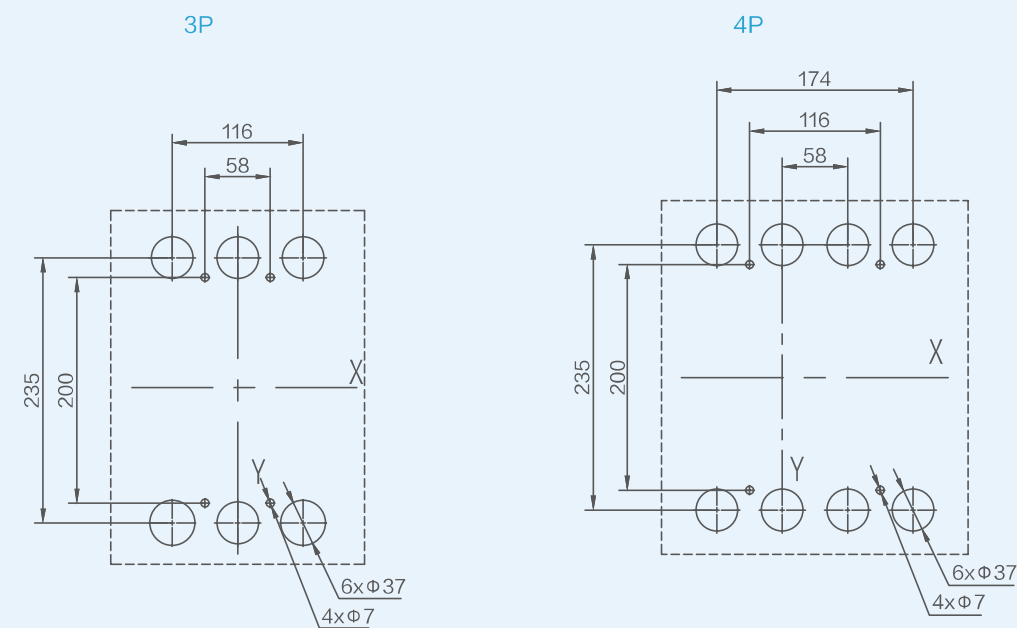
Unit: mm

NM5G-800/W630
Board rear wiring



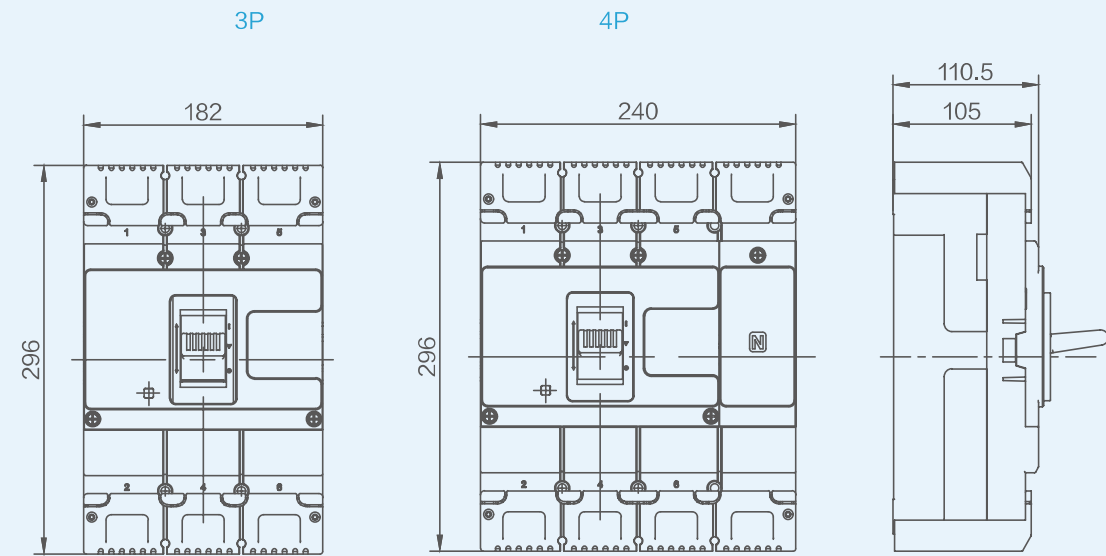
Unit: mm

Board rear wiring installation dimensions



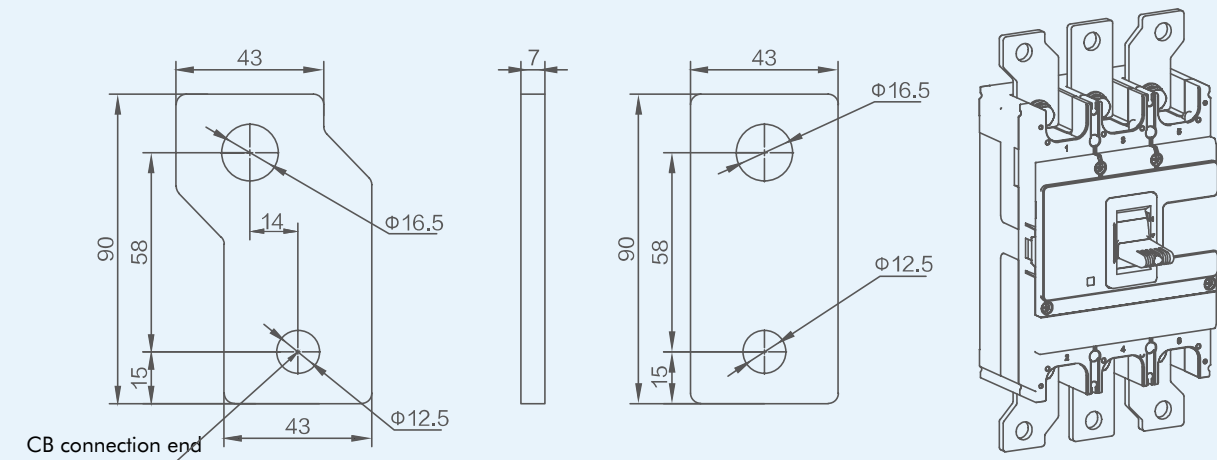
Unit: mm

NM5G-800/W630
Short terminal hood installation dimensions



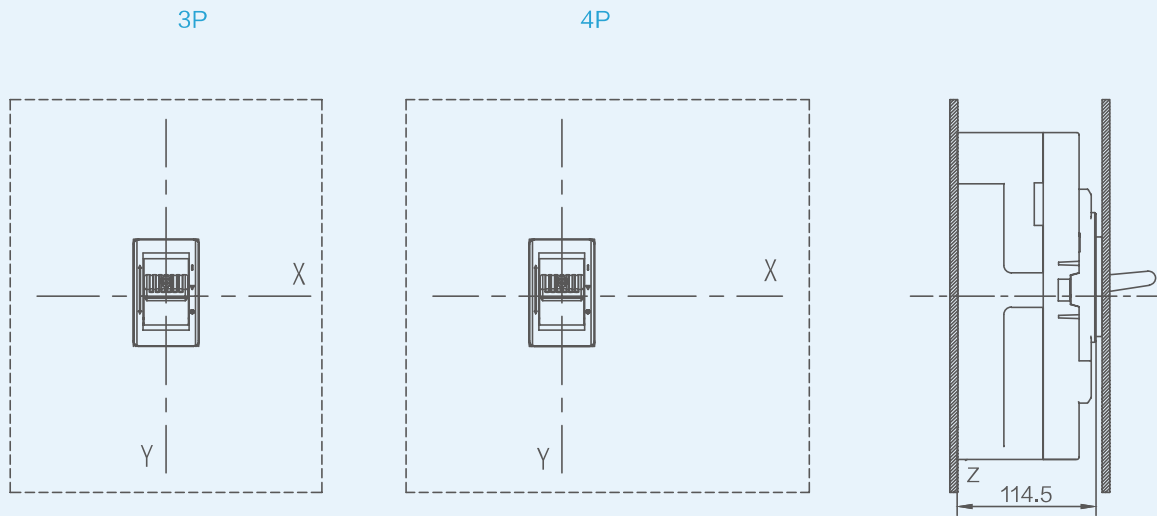
Unit: mm

Connection plate outline dimensions



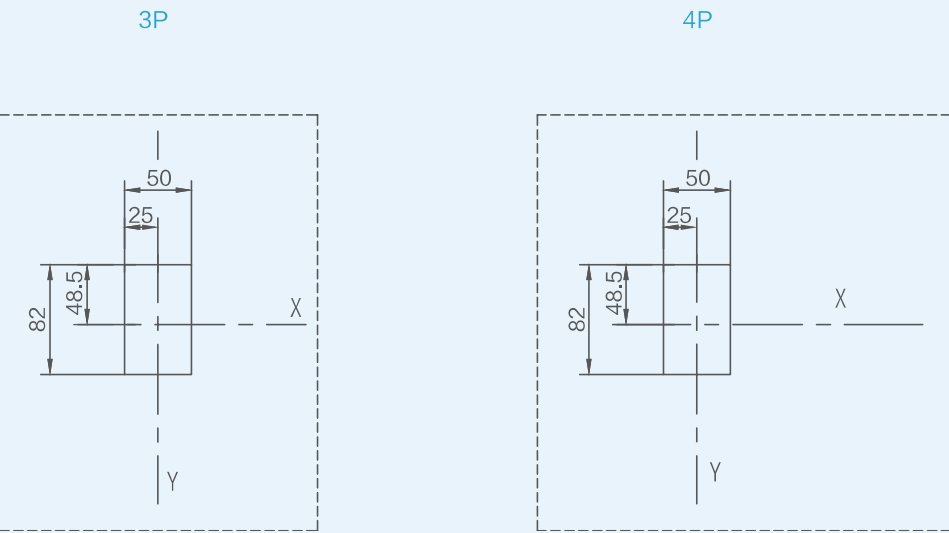
Unit: mm

NM5G-800/W630
Cabinet door opening (small)



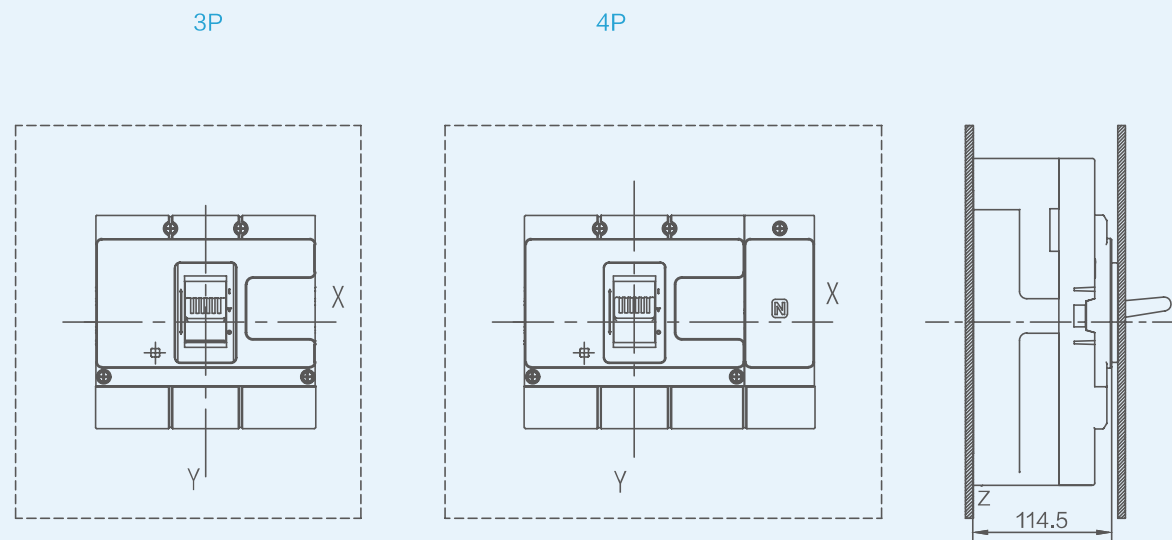
Unit: mm

Cabinet door opening (small)

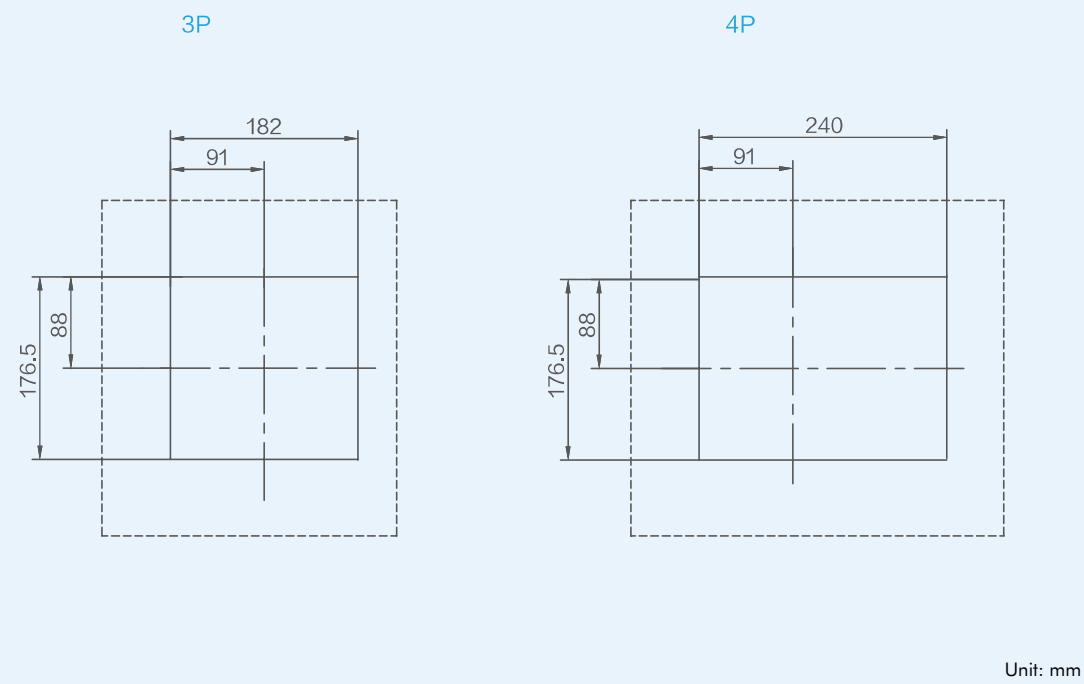


Unit: mm

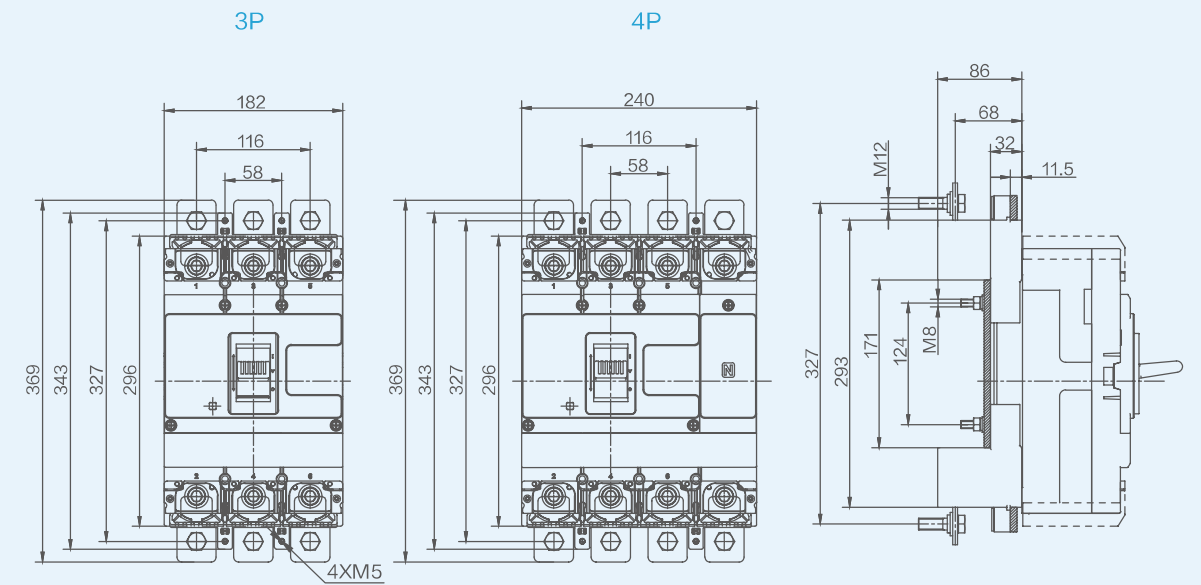
NM5G-800/W630
Cabinet door opening (large)



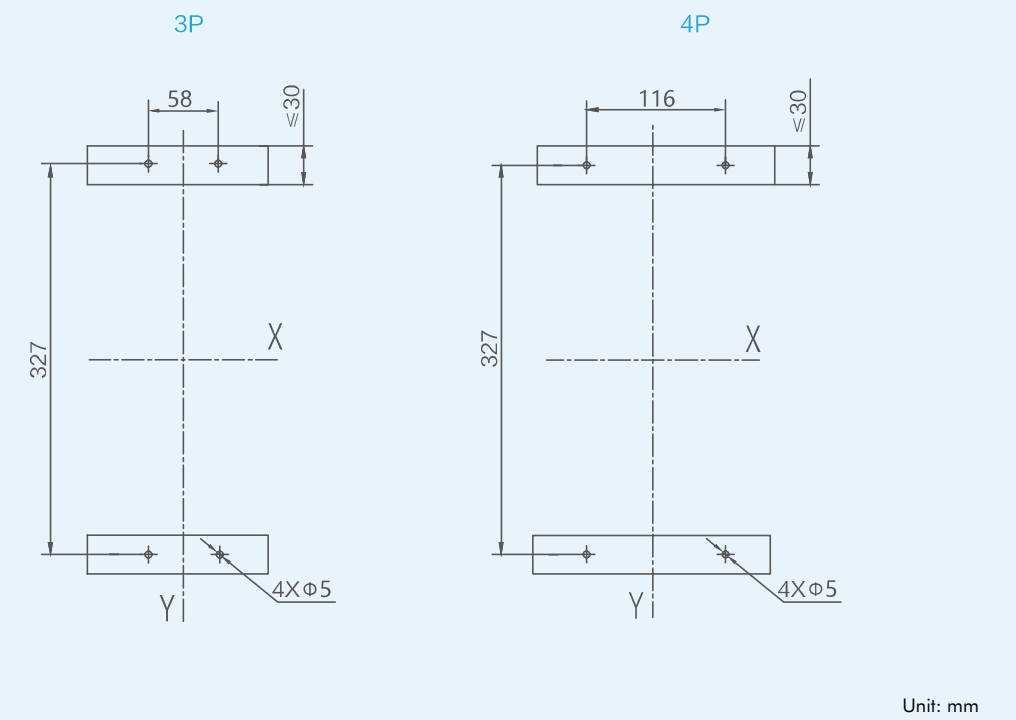
Cabinet door opening (large)



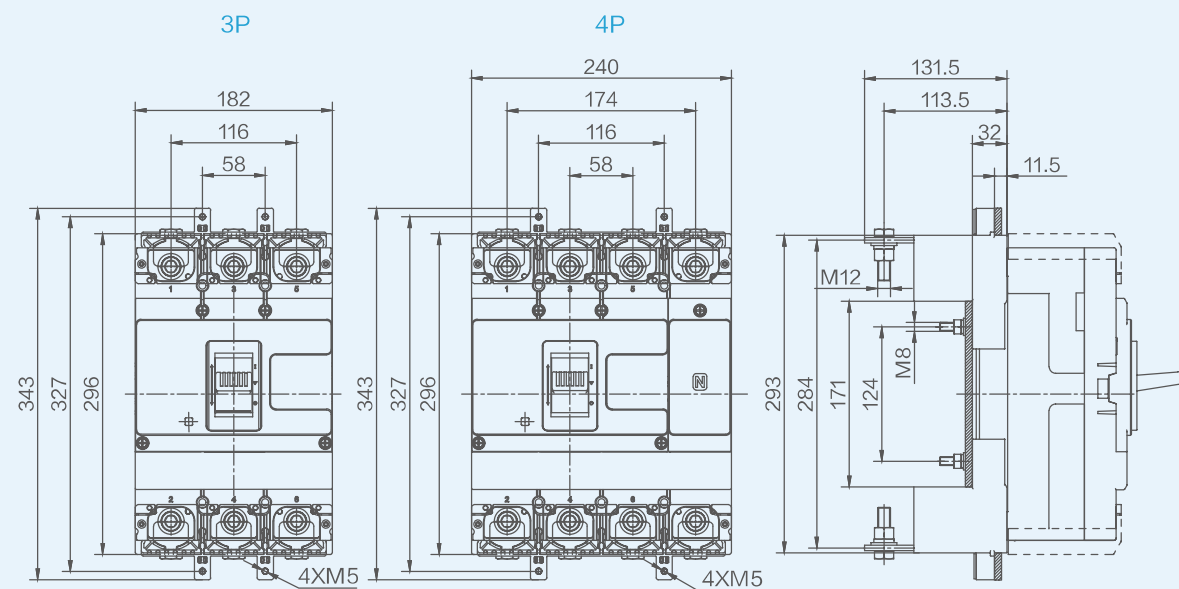
NM5G-800/W630
Inserted type board front wiring



Installation dimensions

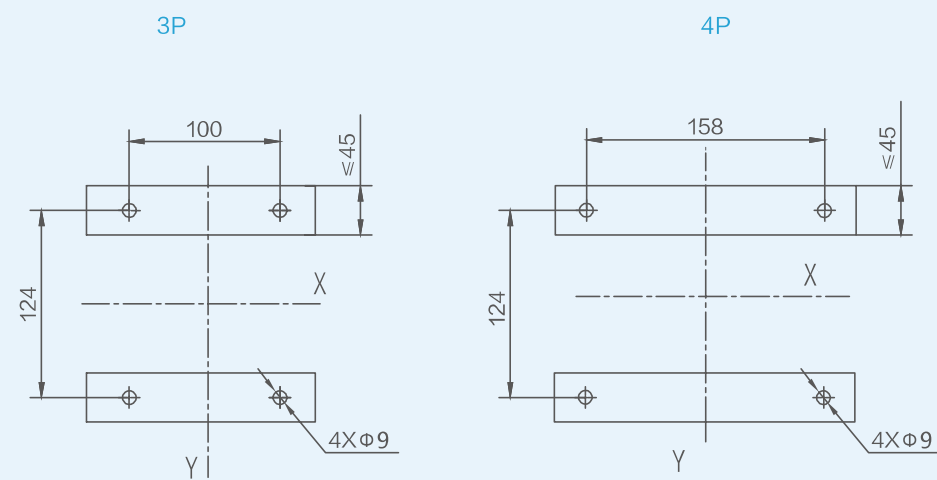


NM5G-800/W630
Inserted type board rear wiring



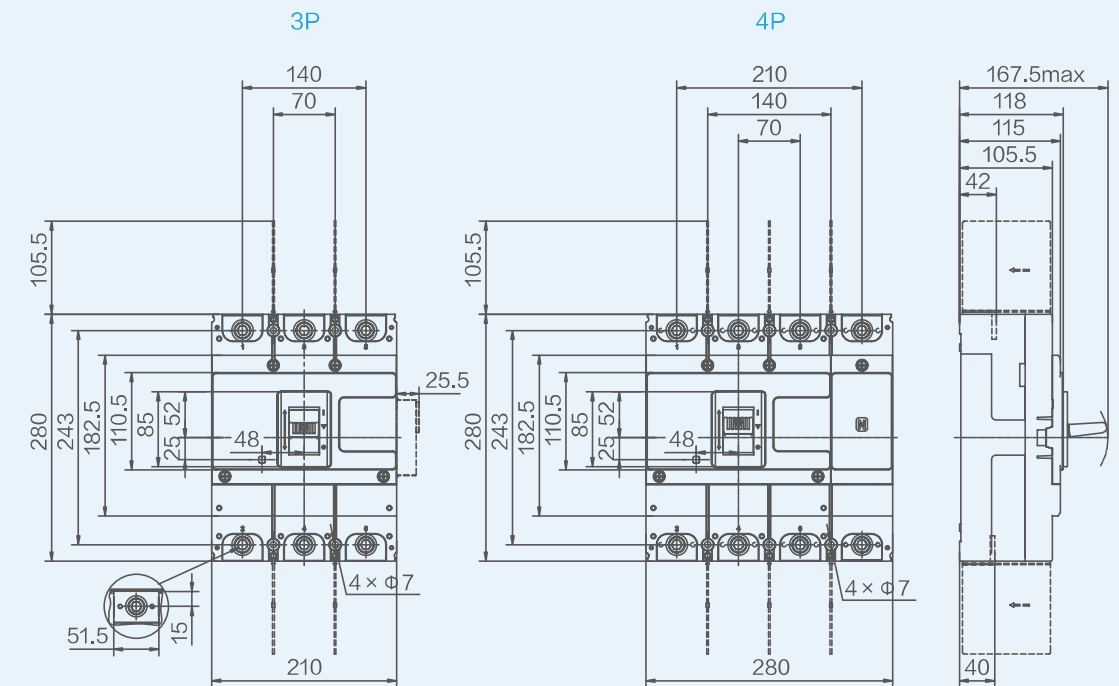
Unit: mm

Installation dimensions



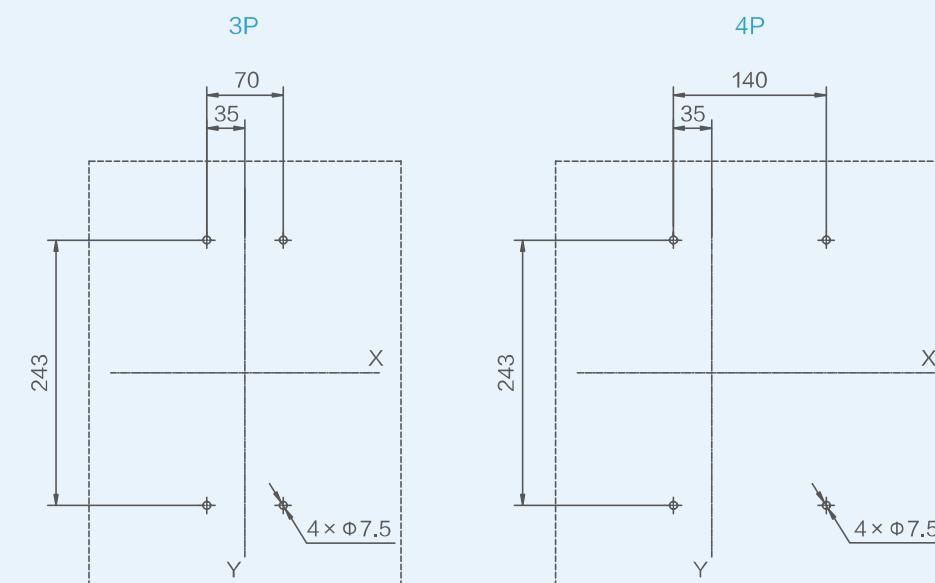
Unit: mm

NM5G-1000(W800)F/Q
Board front wiring



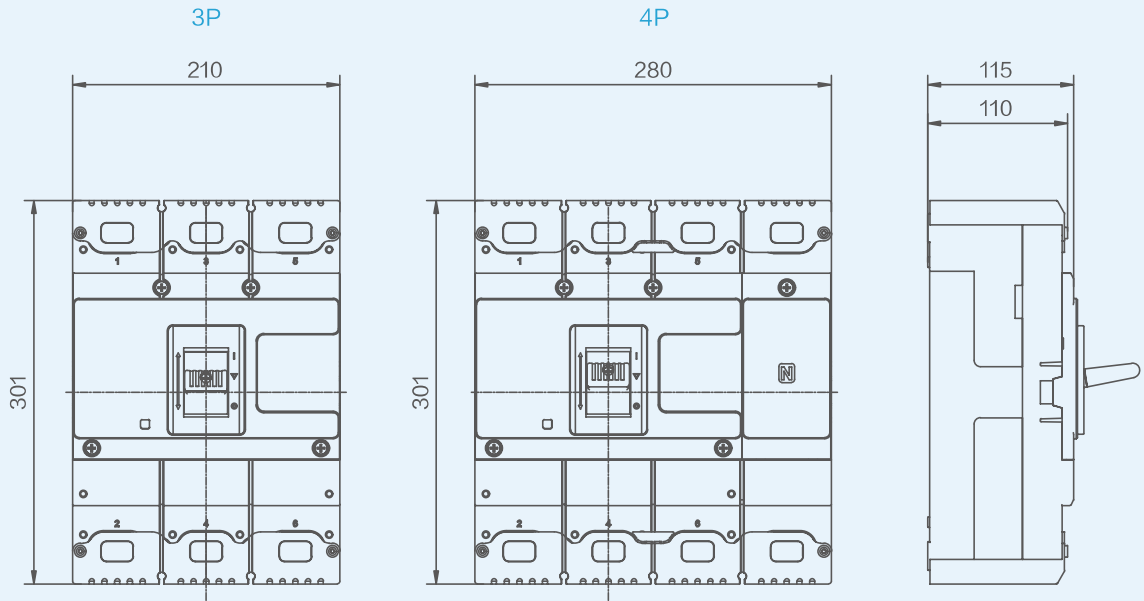
Unit: mm

Installation opening dimensions



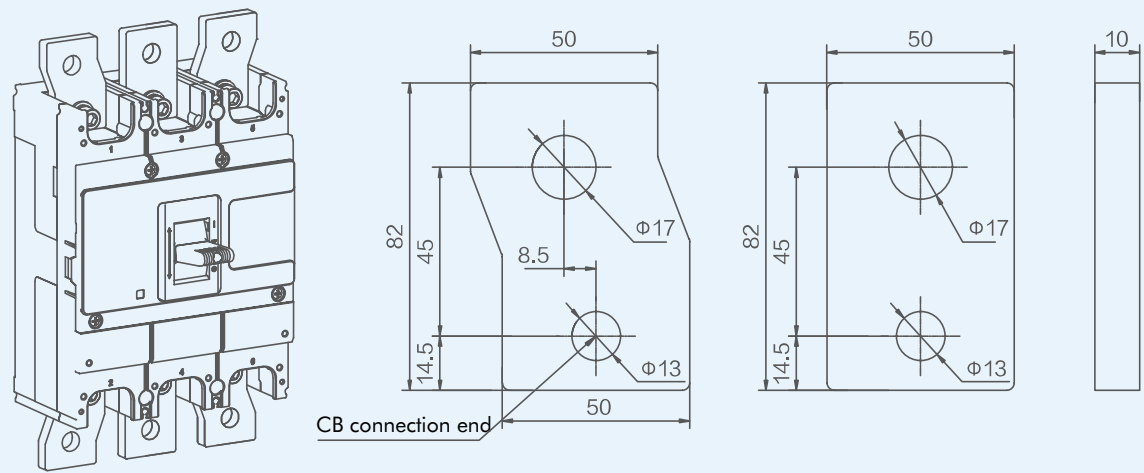
Unit: mm

NM5G-1000F/Q
Short terminal hood



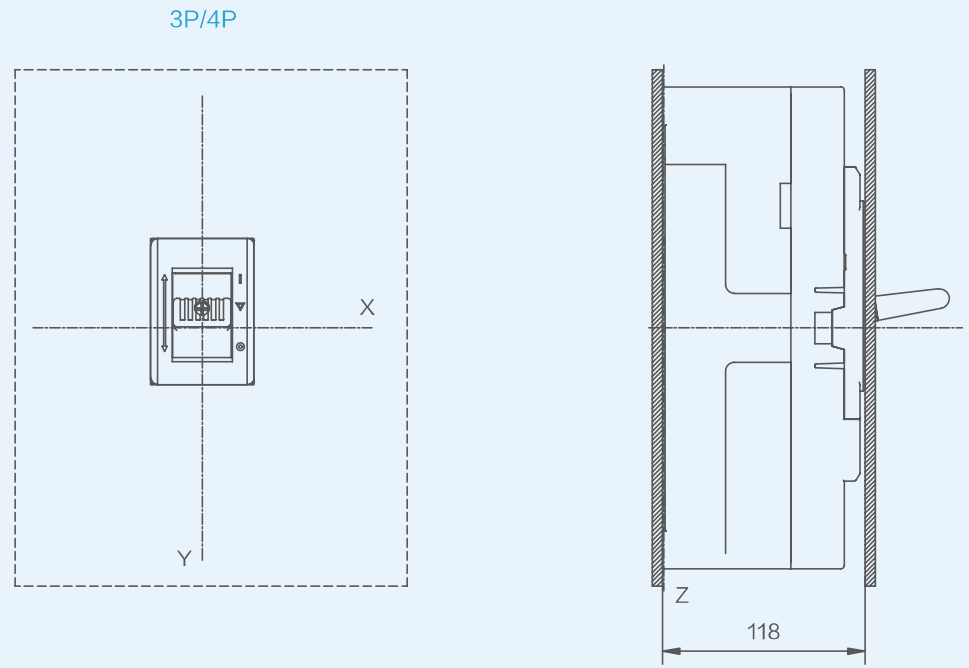
Unit: mm

Connection plate



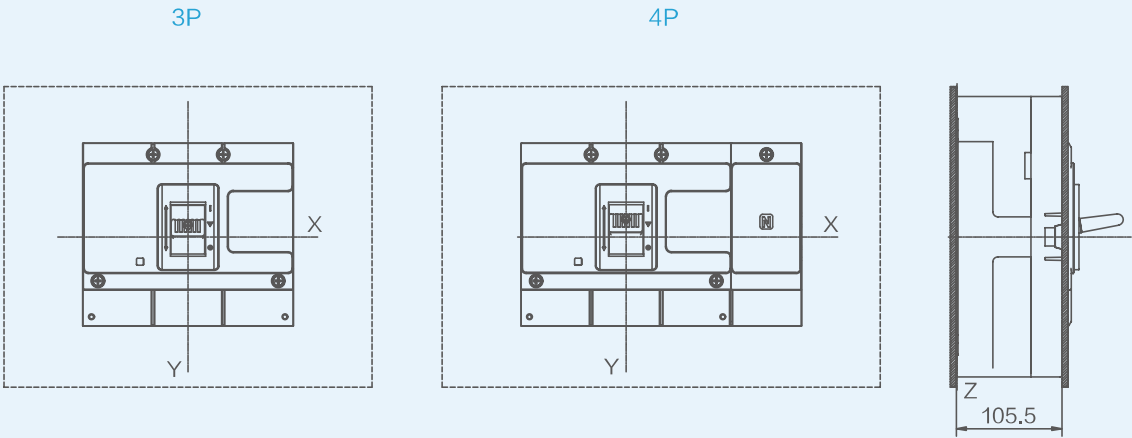
Unit: mm

Cabinet door opening (small)

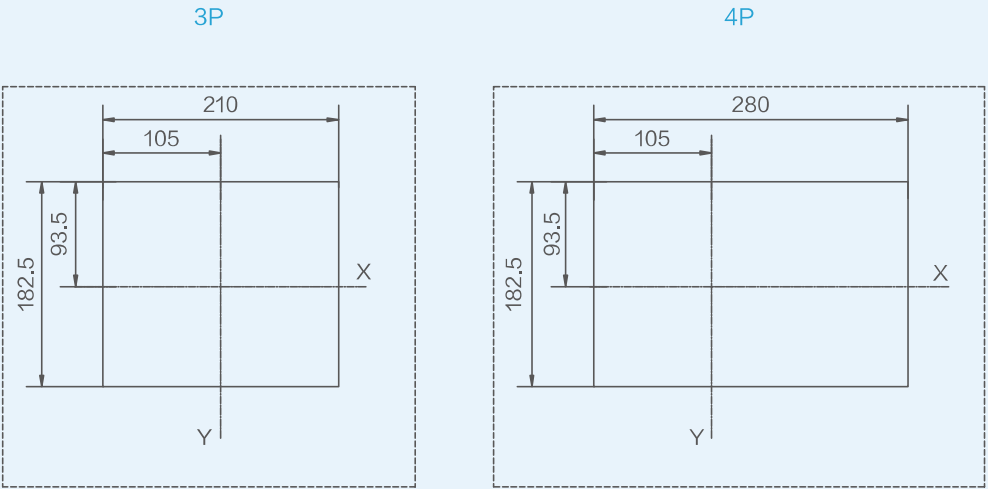


Unit: mm

NM5G-1000F/Q
Cabinet door opening (large) dimensions

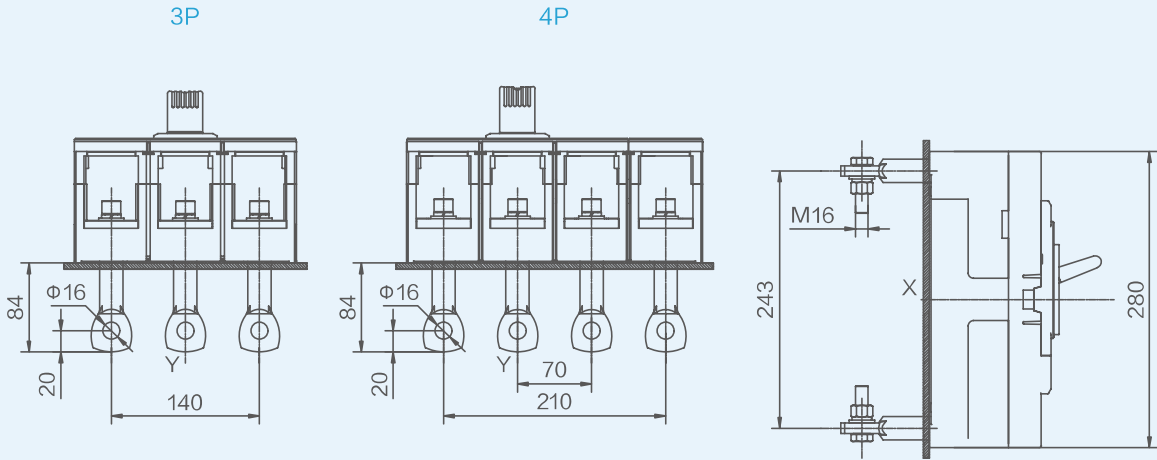


Unit: mm



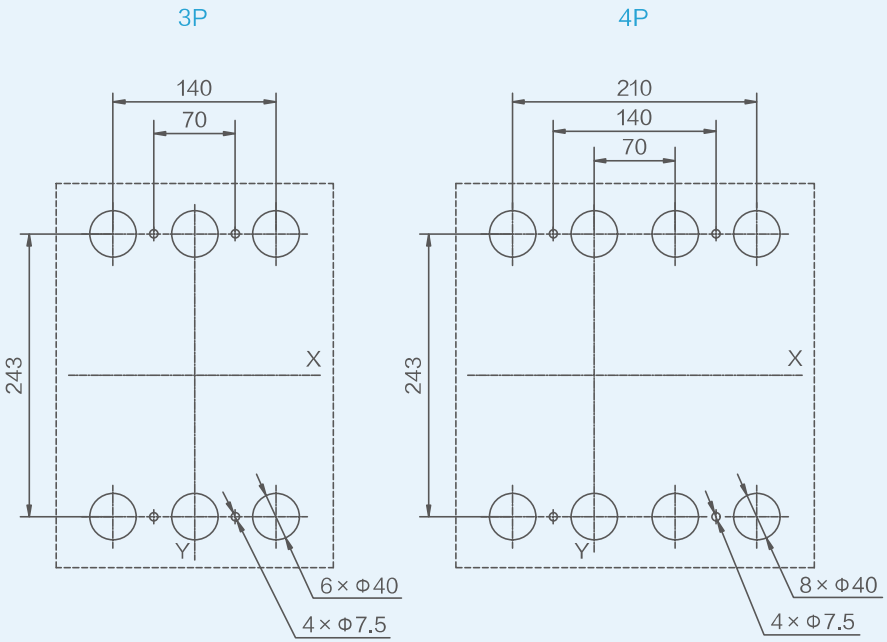
Unit: mm

Board rear wiring



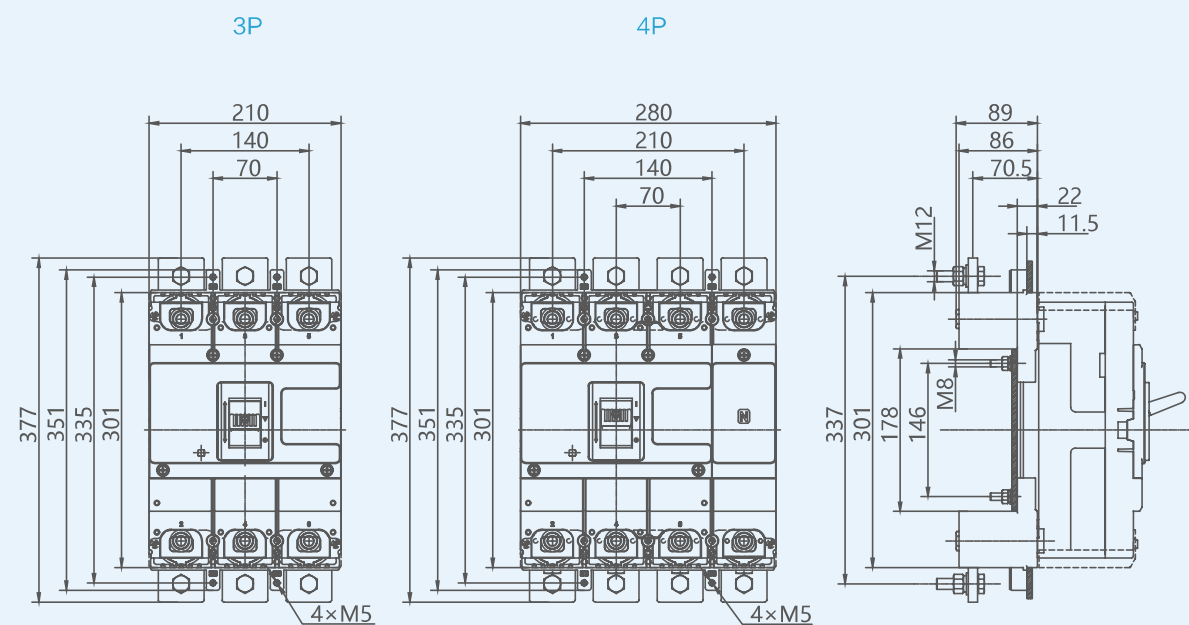
Unit: mm

Installation opening dimensions



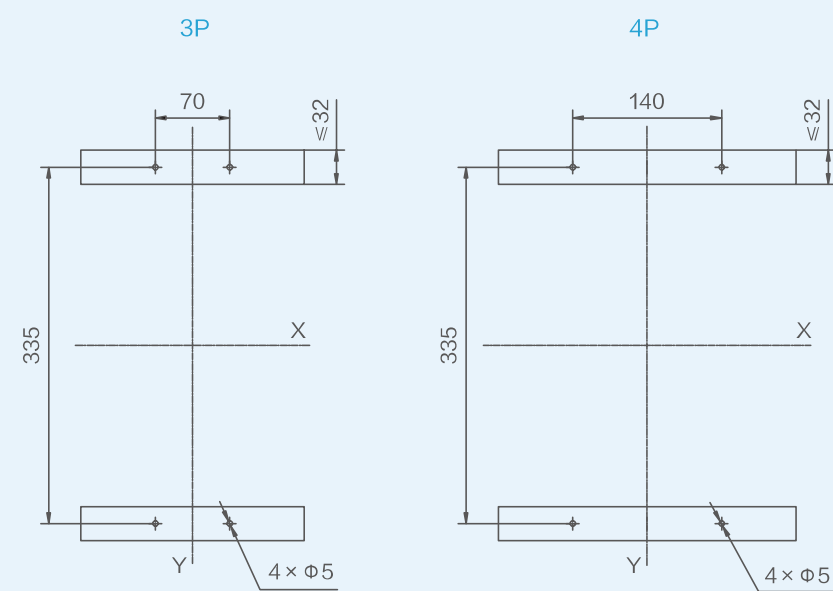
Unit: mm

NM5G-1000F/Q
Inserted type board front wiring



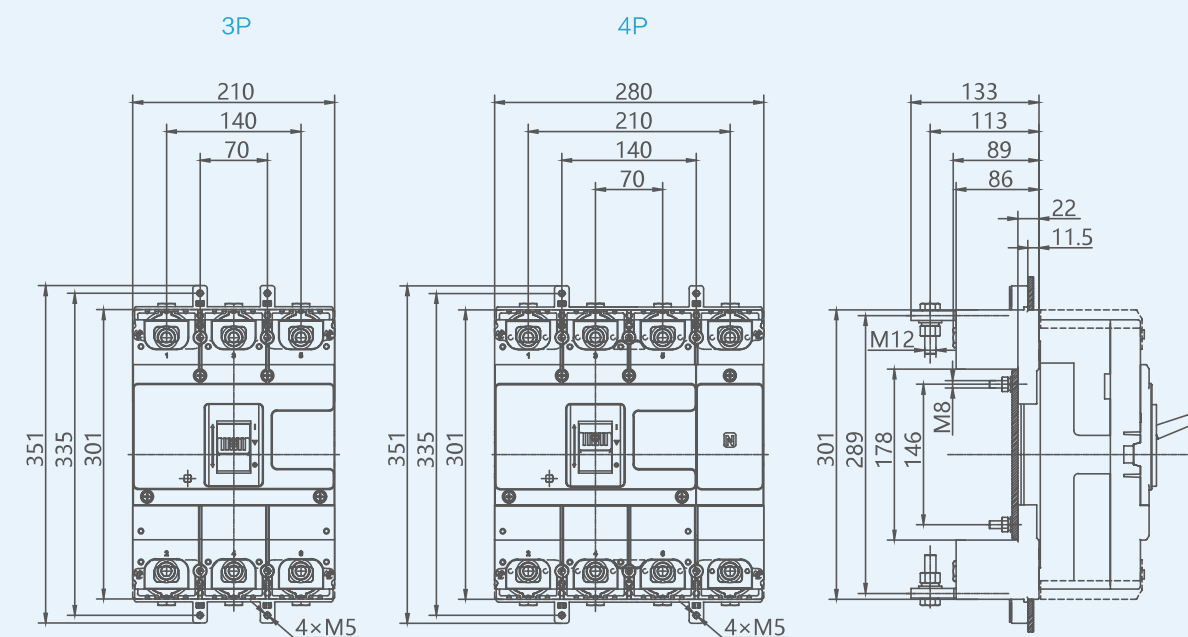
Unit: mm

Installation opening dimensions



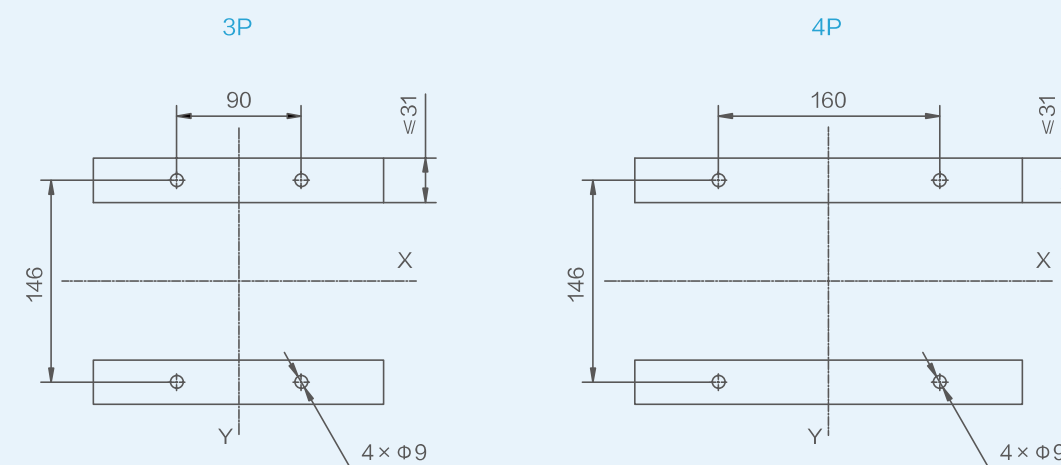
Unit: mm

Inserted type board rear wiring



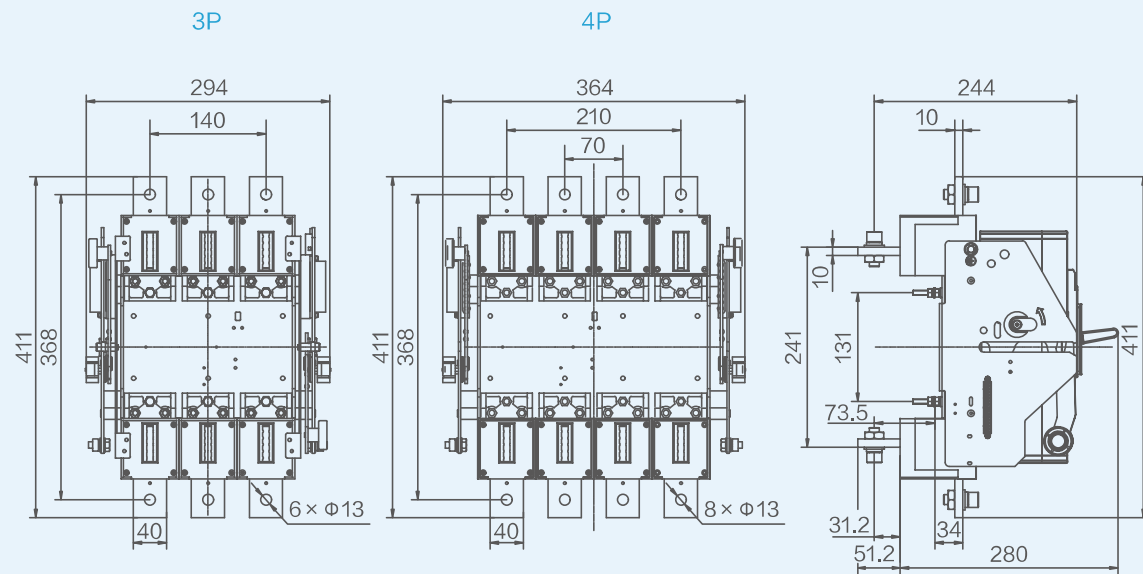
Unit: mm

Installation opening dimensions



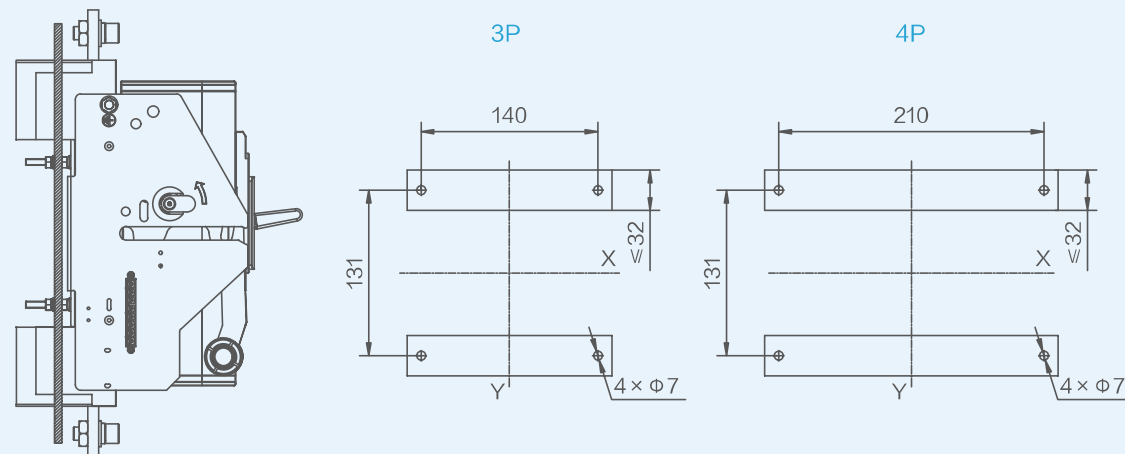
Unit: mm

NM5G-1000F/Q
Draw-out type



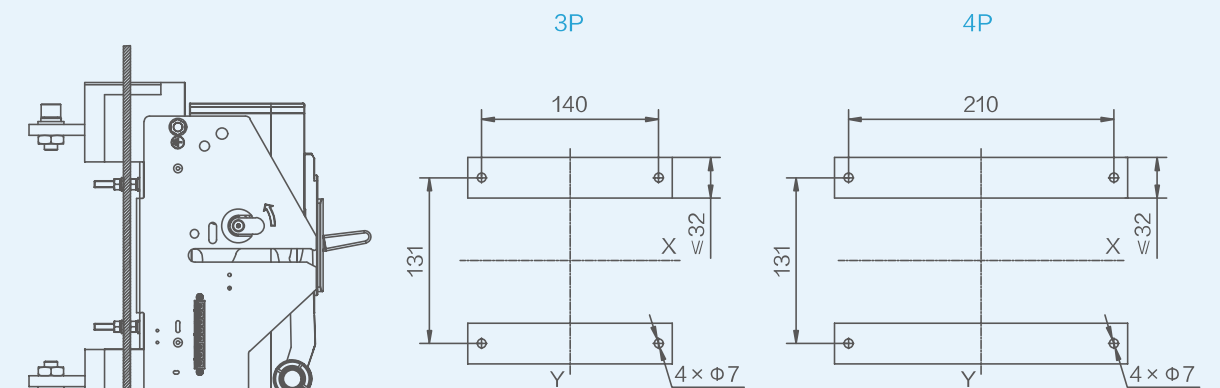
Unit: mm

Draw-out type Board front wiring



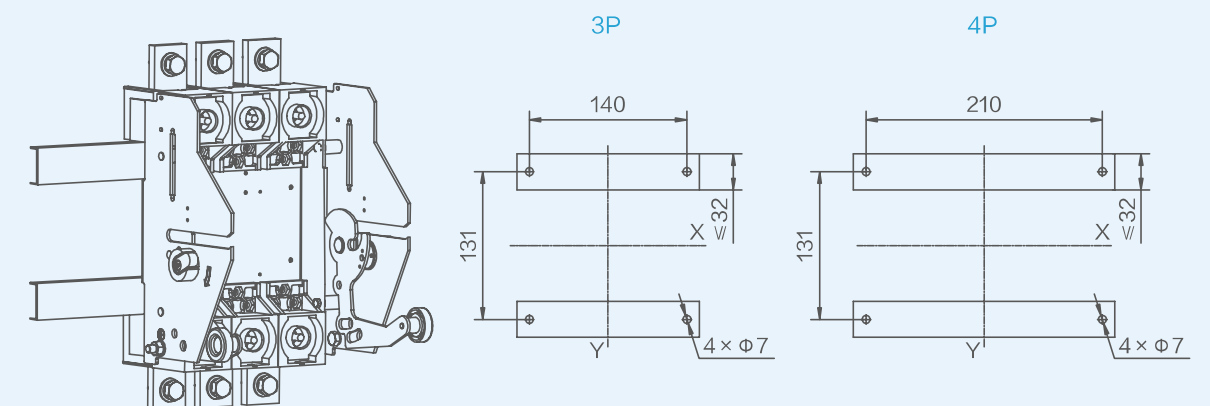
Unit: mm

Draw-out type Board rear wiring



Unit: mm

Draw-out type guide rail installation



Unit: mm

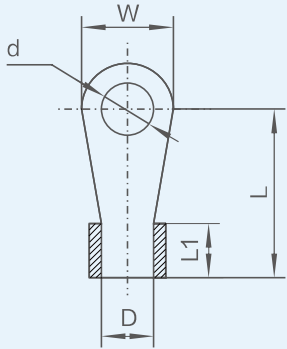
Connection cables/copper bar parameters table

Rated current (A)	Conduction sectional area (mm ²)
10, 16, 20	2.5
25	4.0
32	6.0
40, 50	10
63	16
80	25
100	35
125, 140	50
160	70
180, 200, 225	95
250	120
280, 315, 320, 350	185
400	240

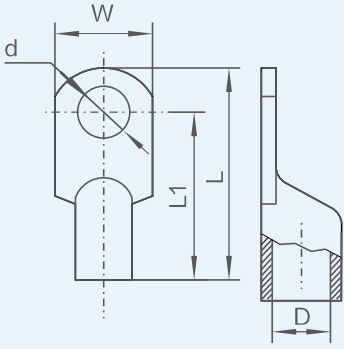
Rated current (A)			Copper bar conduction sectional area (mm2)	
	Sectional area (mm ²)		Width x Thickness (mm)	sm
500	150	2	30x5	2
630	185	2	40x5	2
700, 800	240	2	50x5	2
			50x10	1
900, 1000	-	-	63x10	1

Note: Aforesaid reference sectional area is reference value at working environment temperature of 40℃ .

Selected model and size of wiring terminal



Type JBC



Type JGC

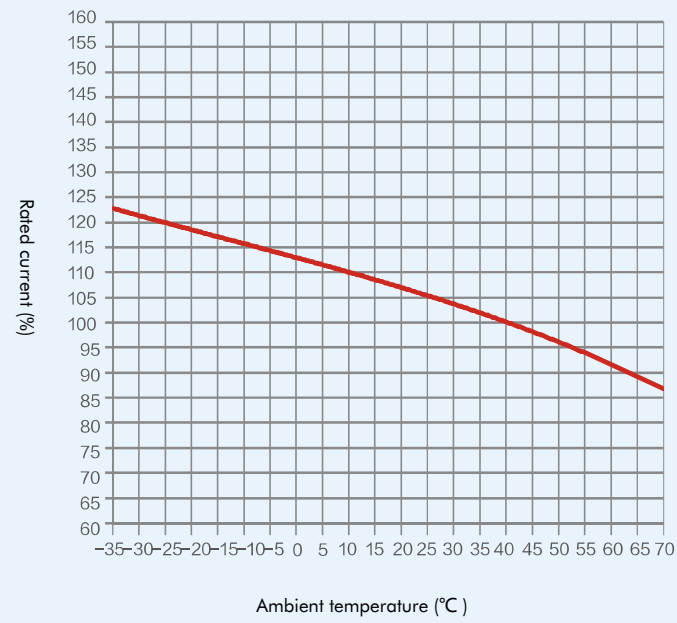
Unit: mm

Product model	Rated current (A)	Conduction sectional area (mm ²)	Wiring terminal model	Wiring terminal size (mm)				
				W	L	L1	D	d
NM5G-63/100	10, 15, 16, 20	2.5	JBC2.5-6	11.6	12.9	5	62.8	① 6.2
	25	4	JBC4-6	11.2	15	6	① 3.6	① 6.2
	30, 32	6	JBC6-6	11	17.5	7	04.4	① 6.2
	40, 50	10	JBC10-6	13.6	20.2	9	055.7	46.2
	60, 63	16	JBC16-6	14	23	10.5	08	(P6.5
	65, 70, 80	25	JBC25-6	16	25.5	11	059	0)6.5
	90, 100	35	JBC38-6	17	29	12	010	① 8.5
NM5G-125	10, 15, 16, 20	2.5	JBC2.5-8	15	24.5	8.5	02.6	① 8.2
	25	4	JBC4-8	13.4	20.4	9.2	32.8	(P8.2
	30, 32	6	JBC6-8	15	24.5	10	(D3.5	(P8.2
	40, 50	10	JBC10-8	15	24.5	11	04.5	CD8.2
	60, 63	16	JBC16-8	12.5	41	33.5	(≧6	08.2
	65, 70, 80	25	JBC25-8	14	46	38.5	(D7	0)8.2
	90, 100	35	JBC38-8	15.5	52	44.5	38	38.2
NM5G-250	125	50	JGC50-8	17	54	45	010	(D8.2
	125, 140, 150	50	JGC50-8	17	54	45	010	(D8.2
	160	70	JGC70-8	21.6	61	52	011	(D8.2
	180, 200, 225	95	JGC95-8	22	66	57	013	08.2
	250	120	Customized by enterprise	22	70	60	015.5	(D8.5

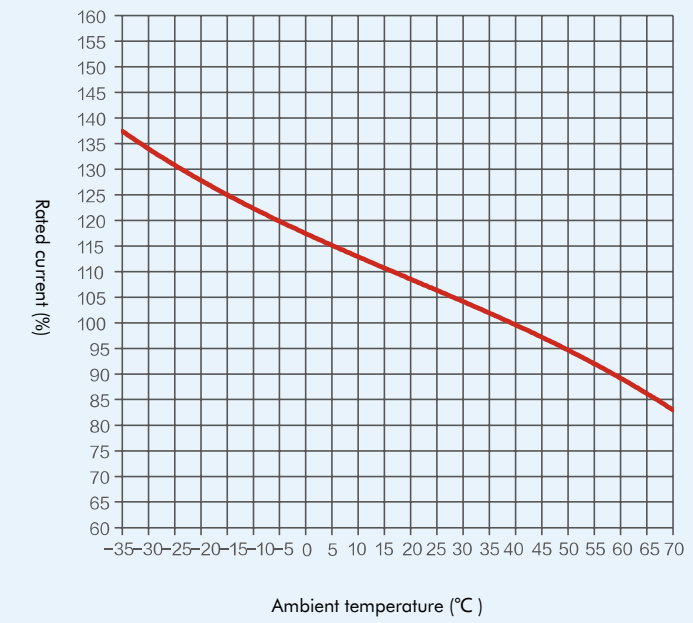
Recommended connection cable/copper bar tightening torques for different frame size currents

Frame size current (A)	63/100	125	250	400/630	800/1000
Torque (N·m)	4	10	10	30	40

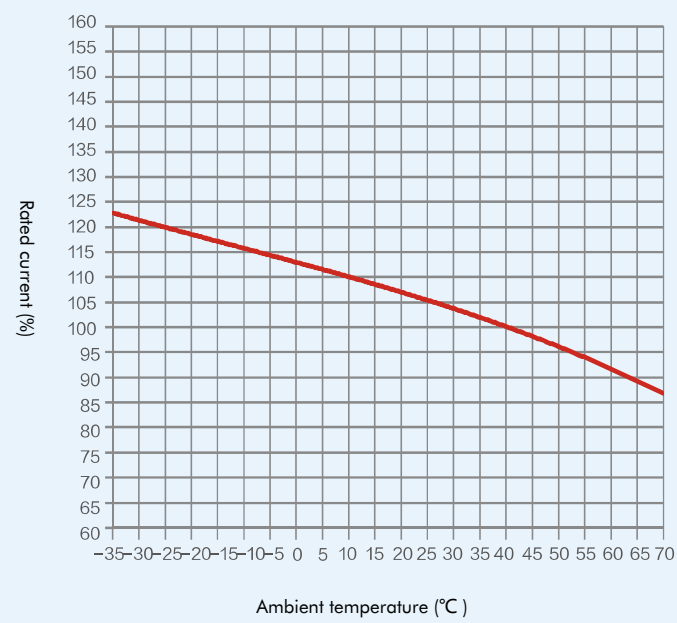
Temperature compensation curve
NM5G-63



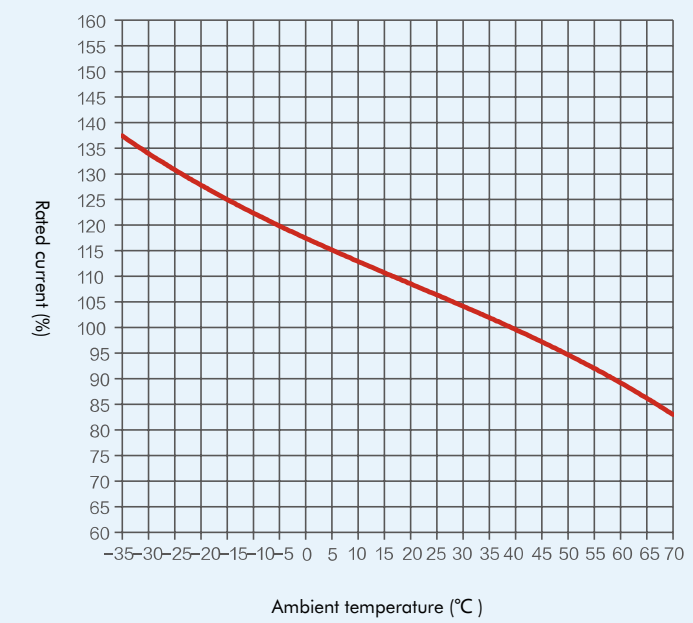
Temperature compensation curve
NM5G-125 (16A-20A)



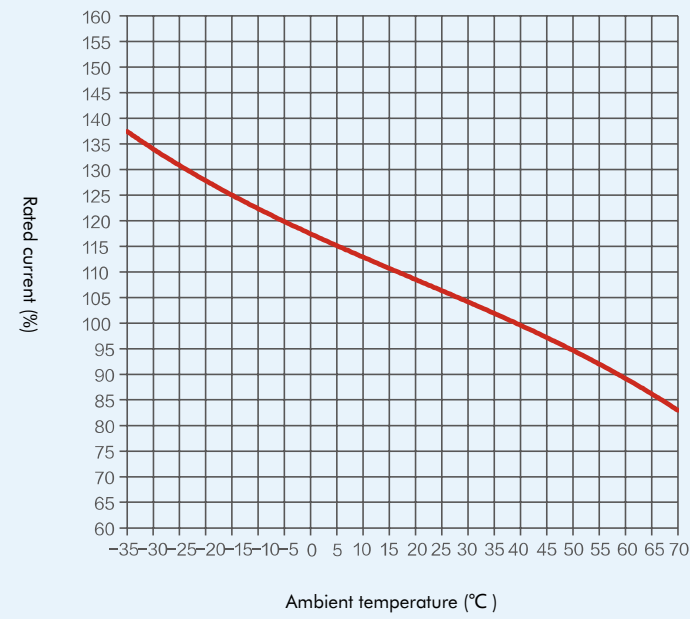
NM5G-100



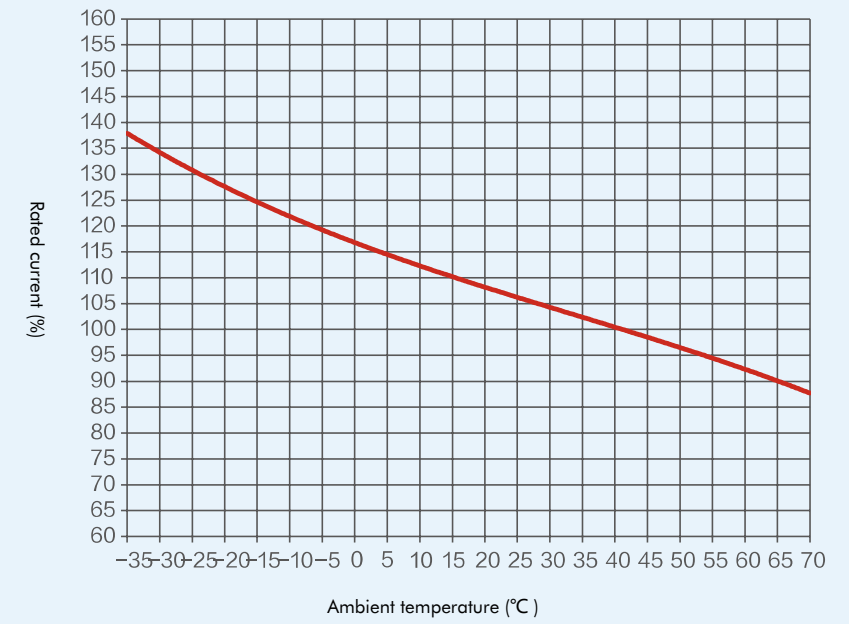
NM5G-125 (25A-63A)



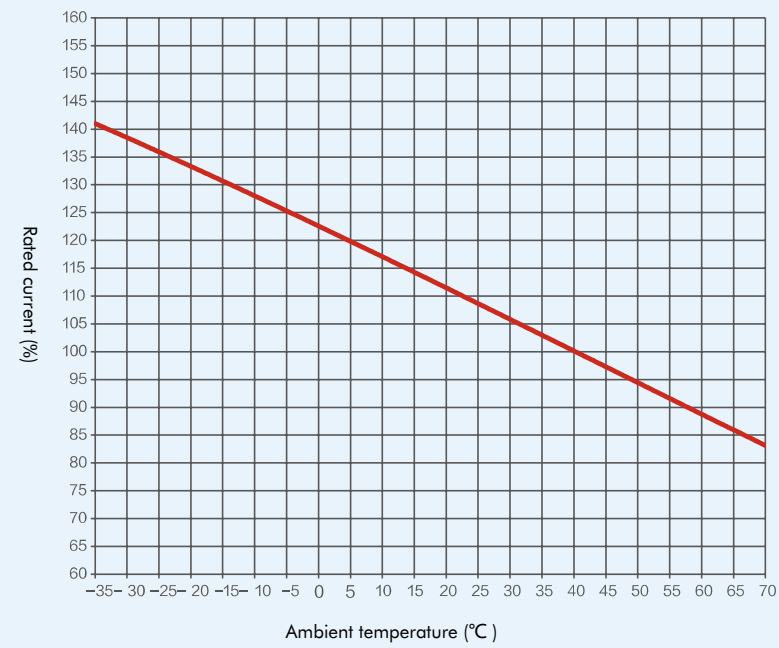
NM5G-125 (80A-125A)



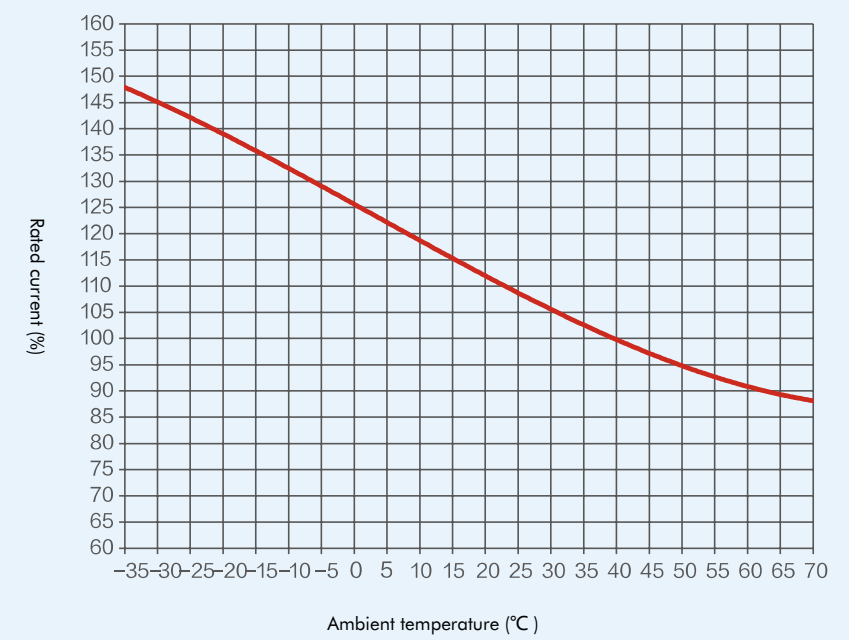
Temperature compensation curve
NM5G-400



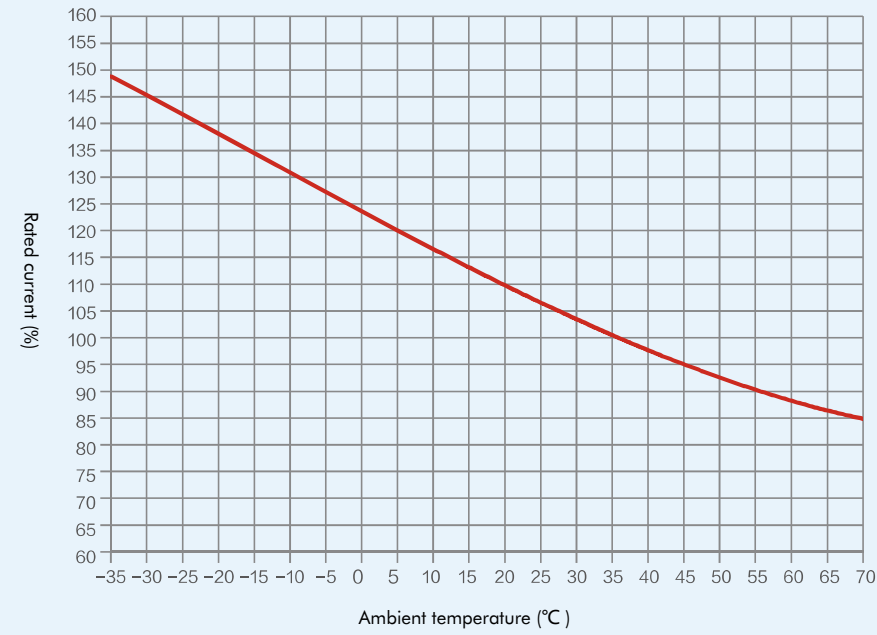
NM5G-250



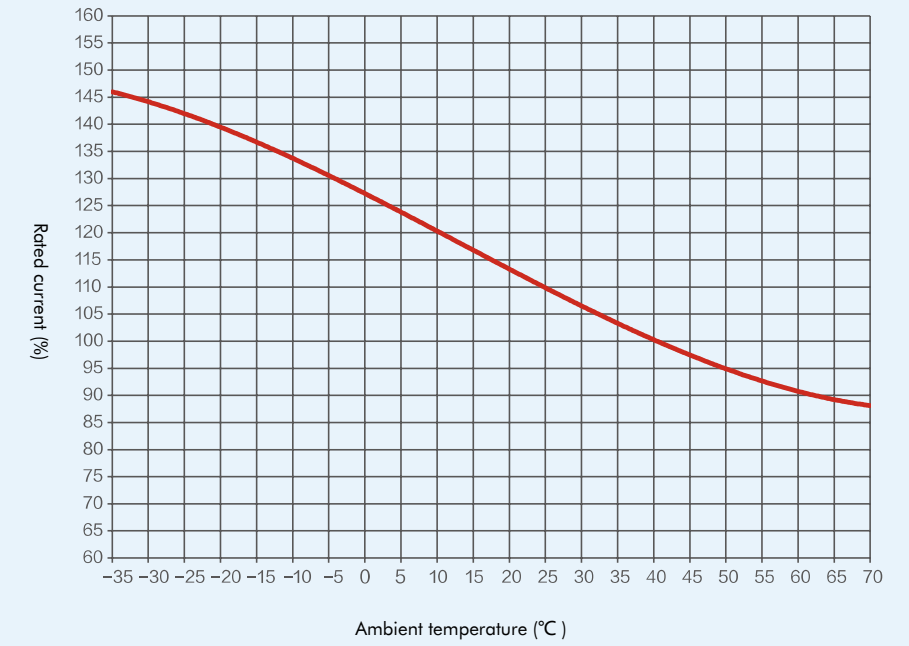
NM5G-630



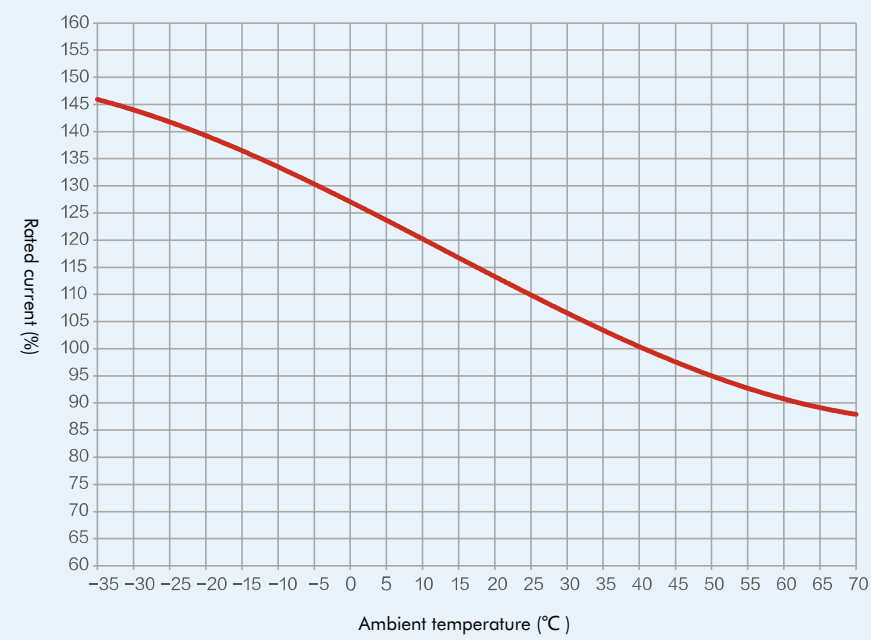
Temperature compensation curve
NM5G-800, W630



Temperature compensation curve
NM5G-1000



NM5G-W800 temperature compensation curve



Capacity reduction for altitudes and correction coefficients

Altitude (m)	2000	3000	4000	5000
Working current correction coefficient (I _n)	1	0.94	0.88	0.85
Maximum working voltage (V)	690	600	500	440
Insulation voltage (V)	1000	900	810	730
Power frequency withstand voltage (V)	2200	1500	1000	800

Product model	Power-on current (A)	Single pole resistance (mΩ)	Power consumption (single pole, W)
			Board front wiring
NM5G-63	63	<2.5	15
NM5G-100	100	<1.0	21
NM5G-125	125	<1.0	15
NM5G-250	250	<0.8	16
NM5G-400	400	<0.3	38
NM5G-630	630	<0.2	46
NM5G-800	800	<0.1	72
NM5G-1000	1000	<0.08	88

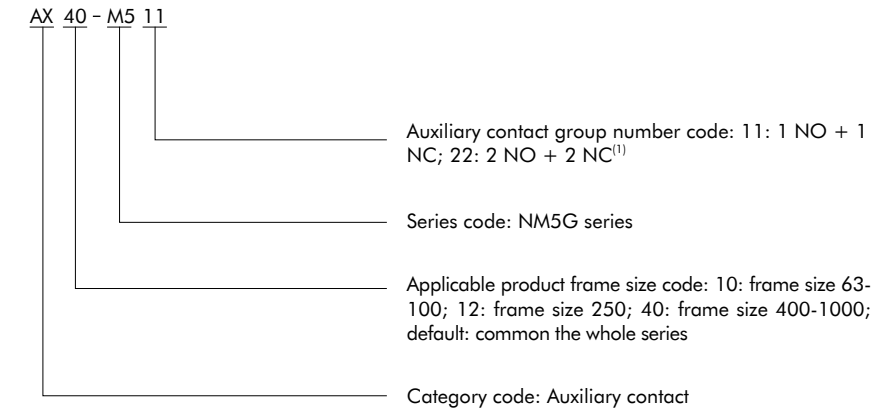


AX: auxiliary contact

1. Functions

An accessory capable of remote indication of CB ON/OFF state, connected to auxiliary circuit of the CB.

2. Model description



Note 1: For applicable product frame size codes 10, 12 and 40, auxiliary contact group number is 22. For default applicable product frame size code, auxiliary contact group number is 11, common for frame sizes 125-1000.

3. Indication of CB ON/OFF state

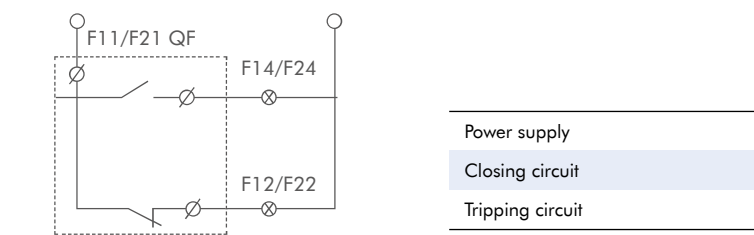
AX	OFF	F12/F22 F14/F24		F11/F21
	ON	F12/F22 F14/F24		F11/F21

4. Electrical characteristics

Working voltage (V)	AC-15	DC-13	
	AC380/400/415	DC110	DC220/250
Working current (A)	0.26	0.14	0.14

5. Wiring diagram

Auxiliary contact and indicator can form a control circuit that can determine ON/OFF state of the CB via the indicator without opening the distribution cabinet.



Note: By default, the minimum length of the accessory lead wire is 600mm. If other length is required, contact local office for special customizing.

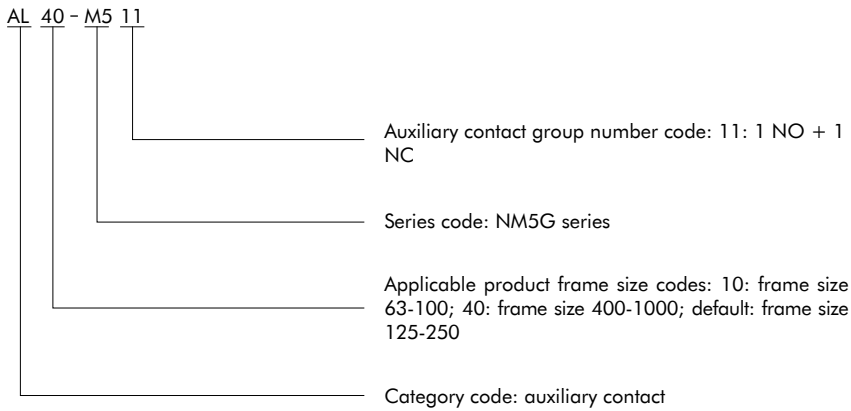


AL: alarm contact

1. Functions

- Mainly used to provide signals after fault or free tripping of CB.
- Causes of generation of fault indication signals by the alarm contact:Free tripping;
Fault tripping (overload or short circuit tripping, undervoltage tripping)

2. Model description



3. Indication of CB ON/OFF state

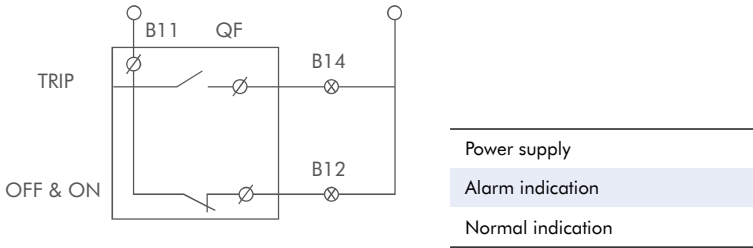
AL	OFF & ON	B12 B14	
	TRIP	B12 B14	

4. Electrical characteristics

Working voltage (V)	AC-15	DC-13	
	AC380/400/415	DC110	DC220/250
Working current (A)	0.26	0.14	0.14

5. Wiring diagram

The alarm contact can be connected to indicator or buzzer etc. to determine CB state upon free tripping or fault tripping of the CB.



Note: By default, the minimum length of the accessory lead wire is 600mm. If other length is required, contact local office for special customizing.

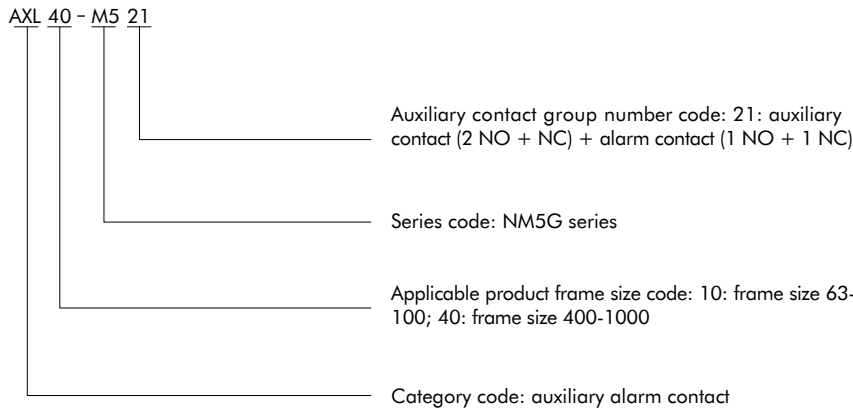


AXL: auxiliary alarm contact

1. Functions

- Both as an accessory capable of remote indication of CB ON/OFF state (connected in CB auxiliary circuit) and providing signals upon fault/free tripping.

2. Model description

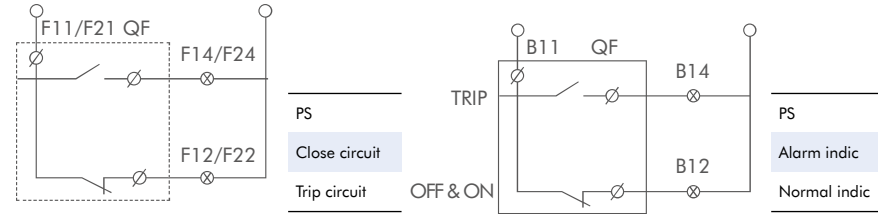


3. Electrical characteristics

Working voltage (V)	AC-15	DC-13	
	AC380/400/415	DC110	DC220/250
Working current (A)	0.26	0.14	0.14

4. Wiring diagram

- Auxiliary contact and indicator can form a control circuit that can determine ON/OFF state of the CB via the indicator without opening the distribution cabinet.
- Alarm contact can be connected to indicator or buzzer etc. to determine CB state upon free tripping or fault tripping of the CB.



Note: By default, the minimum length of the accessory lead wire is 600mm. If other length is required, contact local office for special customizing.

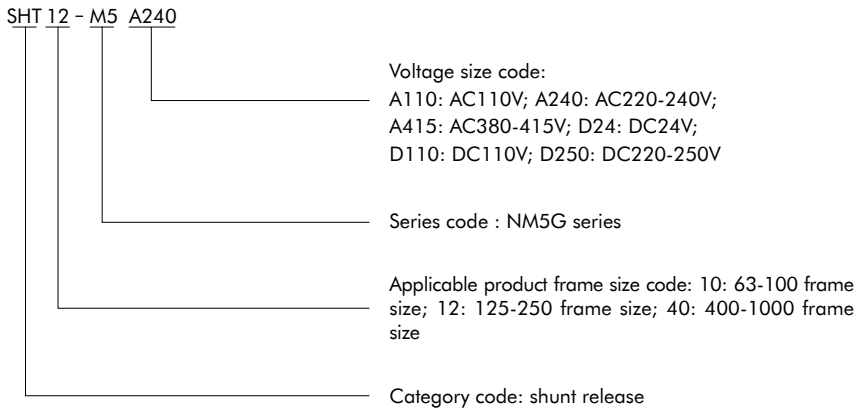


SHT: shunt release

1. Functions

- Shunt release an accessory of remote control tripping;
- When the power supply voltage is between 70% ~ 110% of rated control power supply voltage, the shunt release shall allow reliable CB operation.

2. Model description



3. Power consumption

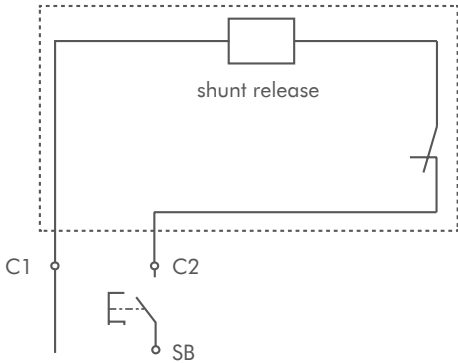
Accessory model	Voltage type, e	Rated control power supply voltage Us(V)	Power consumption (W)
SHT10	AC	110	80
		220~240	76
		380~415	91.5
	DC	24	91
		110	80
SHT12	AC	220~250	136
		110	65
		220~240	155
	DC	380~415	155
		24	123
SHT40	AC	110	65
		220~240	66
		380~415	630
	DC	240	140
		110	105
		220~250	56

SHT: shunt release

4. Action characteristics

Reliable action voltage		70%~110%xUs
Power-on time (pulse type)	Min. (ms)	10
	Max. (s)	1
Response time (ms)		30
Operation times (times)		1000

5. Wiring diagram



Note: By default, the minimum length of the accessory lead wire is 600mm. If other length is required, contact local office for special customizing.

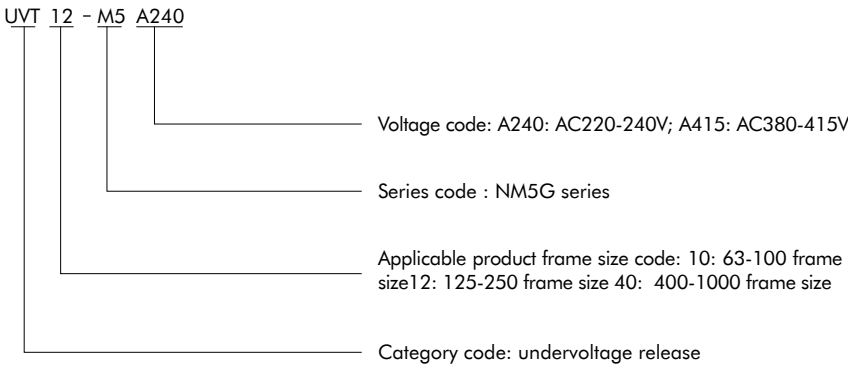


UVT: undervoltage release

1. Functions

- Realize CB undervoltage protection functions: disconnect CB upon power supply undervoltage to protect power equipment; when the power supply voltage drops (evenly slowly) to 70%~35% of rated control power supply voltage, the undervoltage release shall reliably disconnect the CB.
- When the power supply voltage is equal to or exceeds 85% of undervoltage release rated control power supply voltage, closing of CB shall be ensured.
- When the power supply voltage is lower than 35% of undervoltage release rated control power supply voltage, the undervoltage release shall prevent closing of the CB.

2. Model description



3. Power consumption

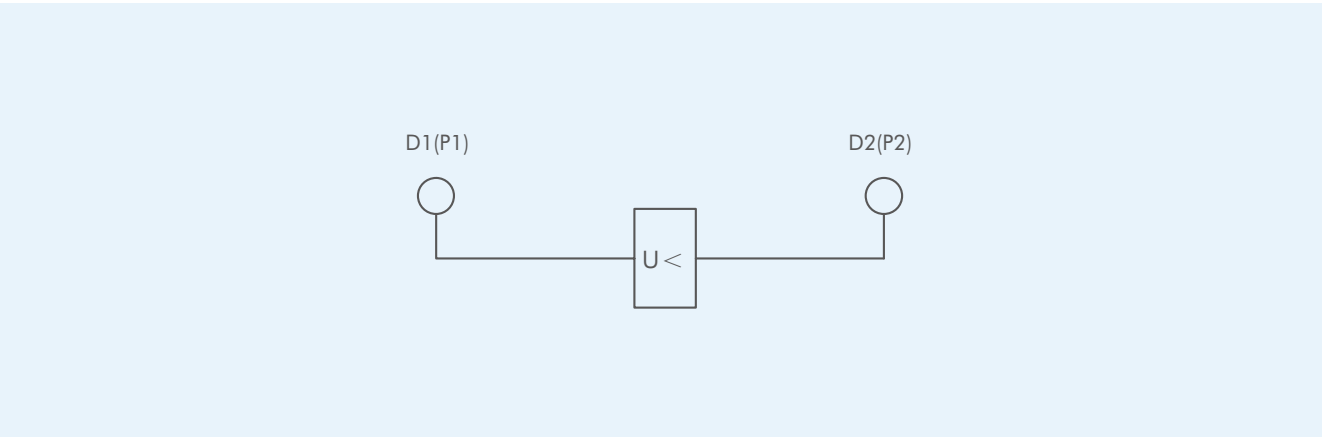
Product model	Voltage type	Rated control power supply voltage Us(V)	Priming power consumption (W)	Holding power consumption (W)
UVT10	AC	220~240	-	3.1
		380~415	-	4
UVT12	AC	220-240	290	0.8
		380-415	338	0.8
UVT40	AC	220~240	190	0.6
		380~415	223	0.5

4. Action characteristics

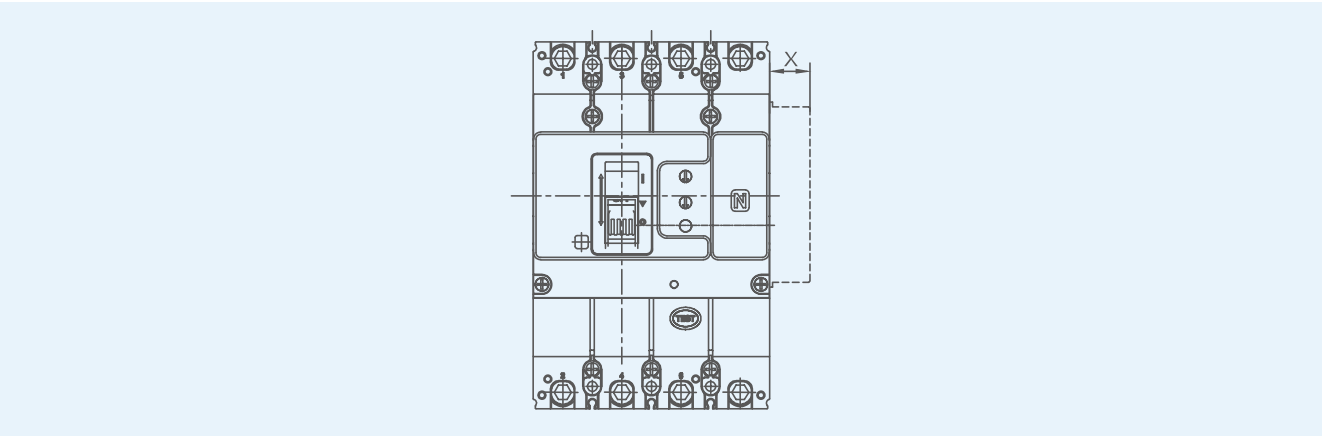
Action conditions (XUS)	Reliable disconnection	35% ~ 70%
	Prevent closing	<35%
	Reliable closing	>85%
Response time (S)		1
Operation times		1000

UVT: undervoltage release

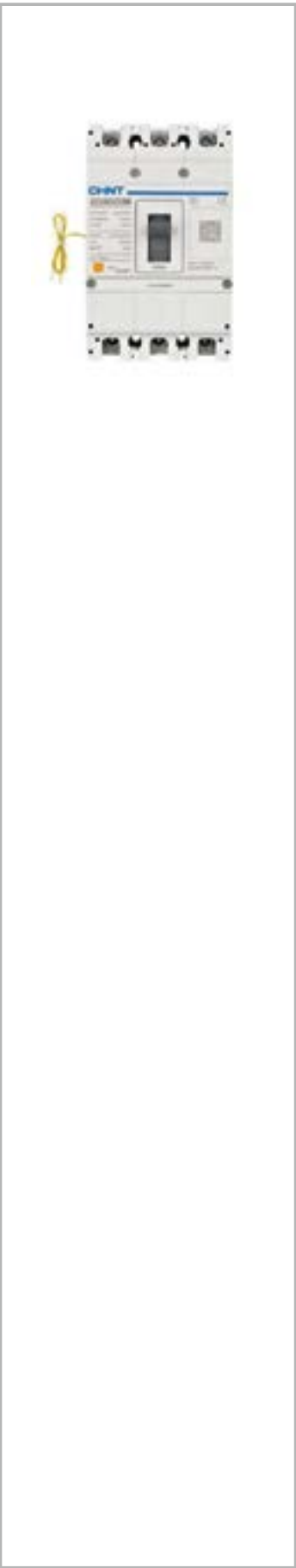
5. Wiring diagram



6. Undervoltage release Dimensions diagram



	63/100 frame size	125-1000 frame size
X	17	25



OAWT: Overload alarm without tripping

1. Functions

- Upon line overload, the CB does not trip, the main circuit is not disconnected, and an alarm signal is output via contact conversion.

2. Wiring diagram

CB not in overload	RB11		RB14
CB in overload alarm	RB11		RB14

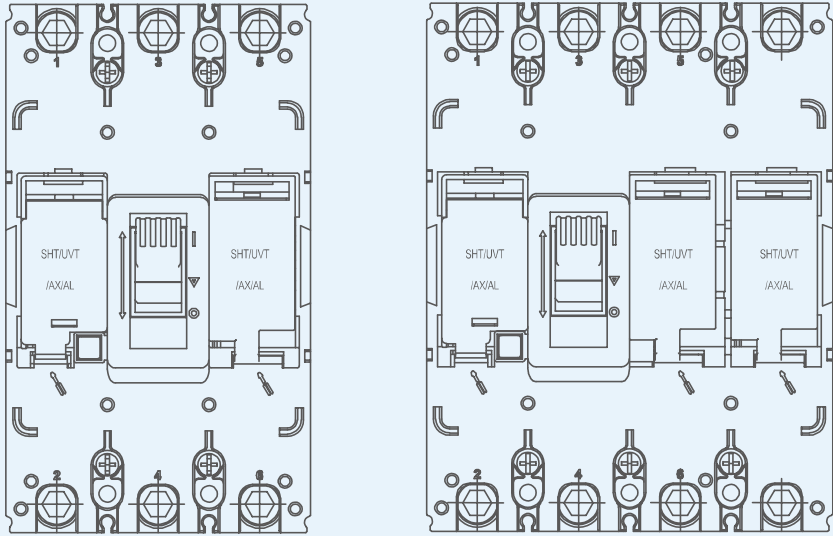
Note: Upon overload alarm, the CB does not trip and the main circuit is not disconnected.

3. External wiring size

- 1A AC230V or 2A DC30V, external wiring is at left side of the product.

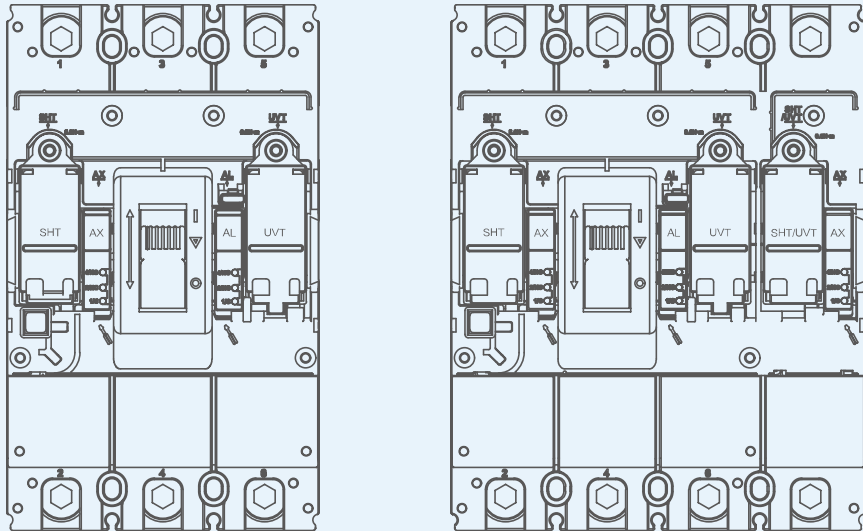
Note: By default, the minimum length of the accessory lead wire is 150mm. If other length is required, contact local office for special customizing.

NM5G-63-100 Accessories installation form



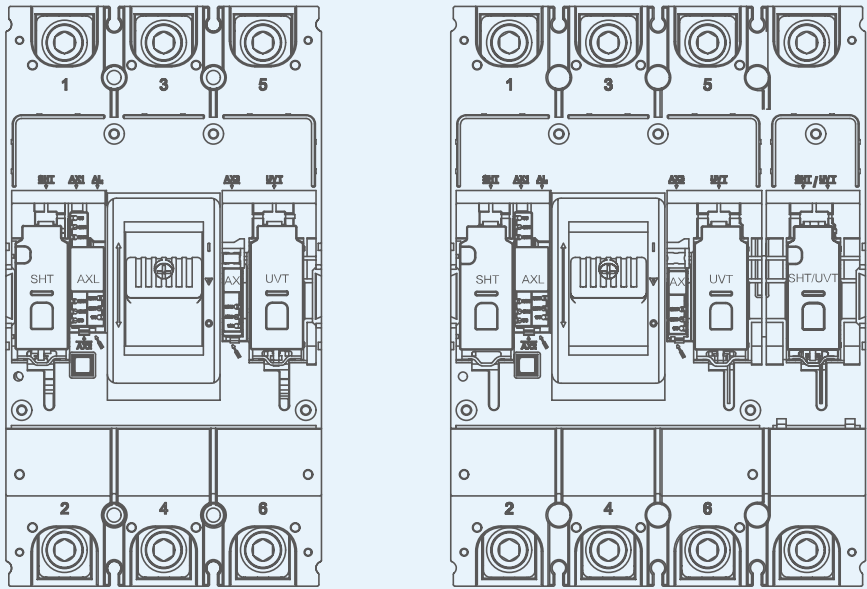
Note: To install SHT (shunt release) or AL (auxiliary contact) at pole N of product 4P, form of pole N can only be type B or type C.

NM5G-125 ~250 Accessories installation form

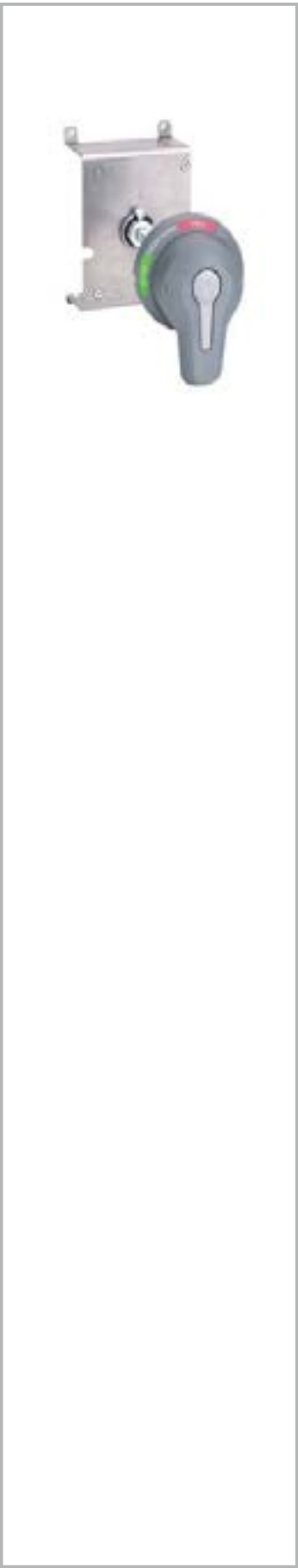


Note: To install SHT (shunt release) or AL (auxiliary contact) at pole N of product 4P, form of pole N can only be type B or type C.

NM5G-400-1000
Accessories installation form



Note: To install SHT (shunt release) at pole N of product 4P, form of pole N can only be type B or type C.

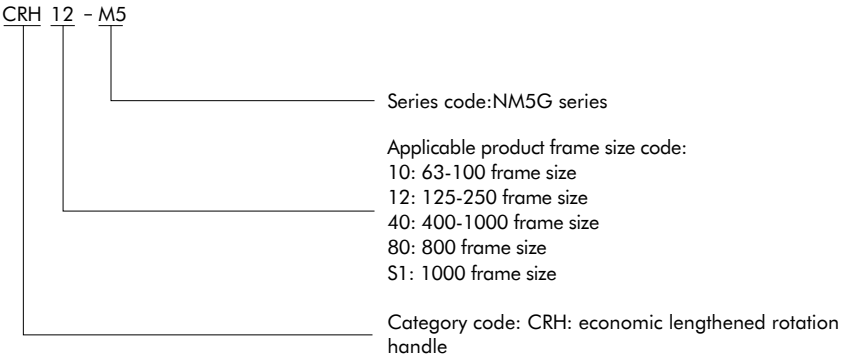


CRH: economic lengthened rotation handle

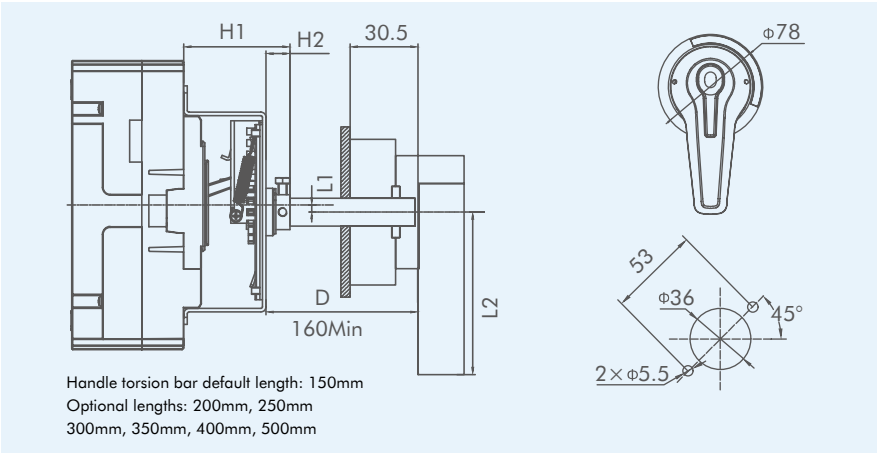
1. Functions

- Use unique design and drive mechanism to realize closing, tripping and re-tripping of CB via the rotation handle.

2. Model description



3. Manual operation mechanism installation dimensions diagram



Product model	H1	H2	L1	L2
NM5G-63	54.5	14	0	65
NM5G-100	54.5	14	0	65
NM5G-125	63	14	2.5	65
NM5G-250	62.5	14	4	65
NM5G-400	100	20.5	2.8	95
NM5G-630	100	20.5	2.8	95
NM5G-800(W630)	100	20.5	2.8	95
NM5G-1000 (W800)	100	20.5	1.8	95

Unit: mm

Note: 1. Positive L1 indicates product proper center axis above the center axis of the manual operation shaft and negative L1 indicates the former below the latter.
2. Center of the manual operation shaft in horizontal direction is the center of phase B of product proper.

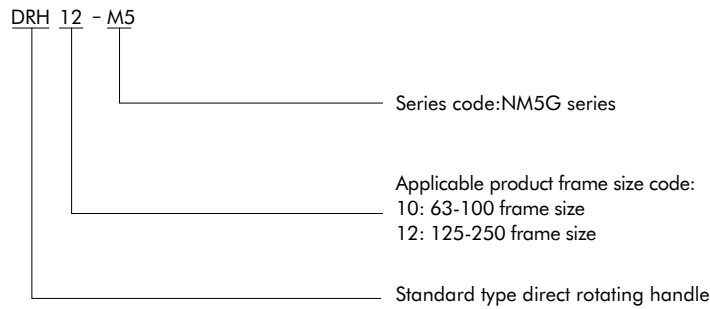


DRH: standard direct rotation handle

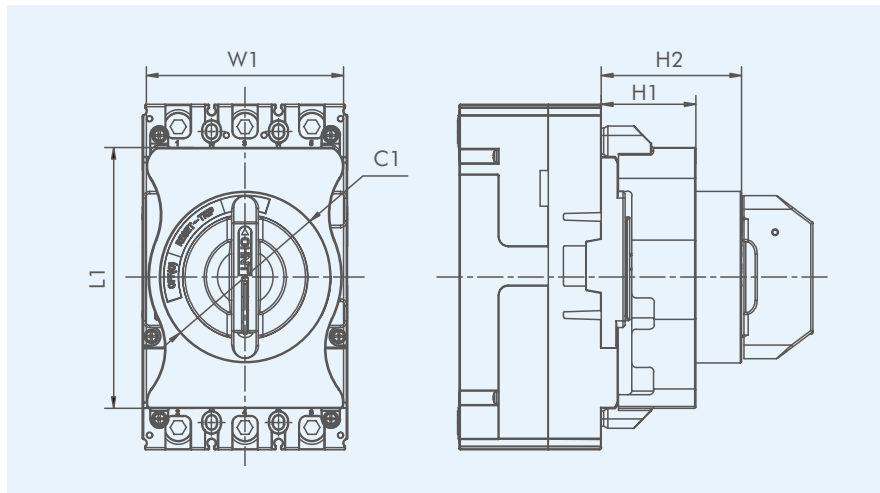
1. Functions

- Use unique design and drive mechanism to realize closing, tripping and re-tripping of CB via the rotation handle.

2. Model description



3. Manual operation mechanism installation dimensions diagram



Product model	L1	W1	C1	H1	H2
NM5G-63	86	75	075	38	58.5
NM5G-100	86	75	075	38	58.5
NM5G-125	117	89	077	42.5	63
NM5G-250	115	104	077	42.5	63

Unit: mm

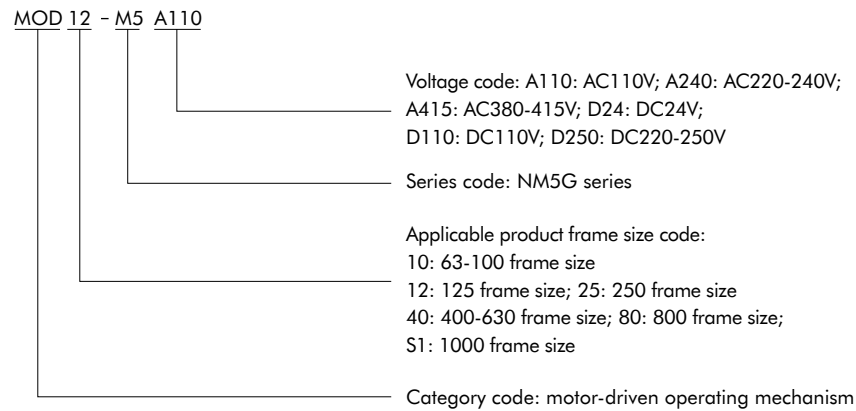


MOD: motor-driven operating mechanism

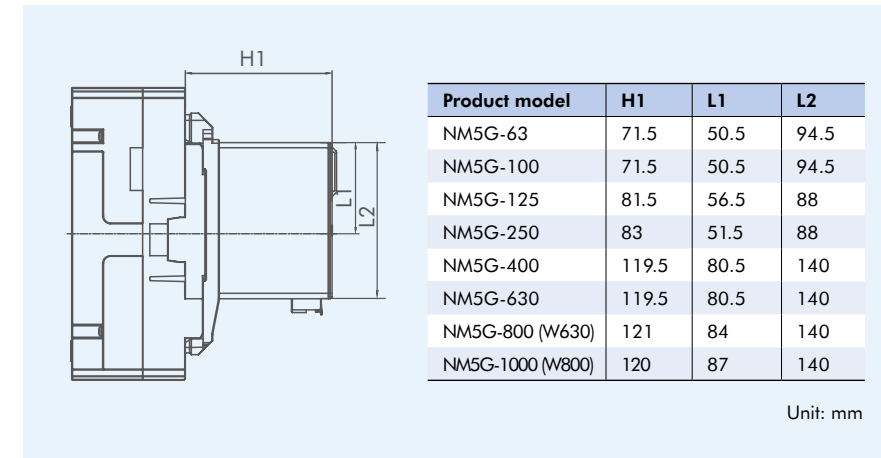
1. Functions

- Applicable to remote closing, tripping and re-tripping of CB, and automation applications.

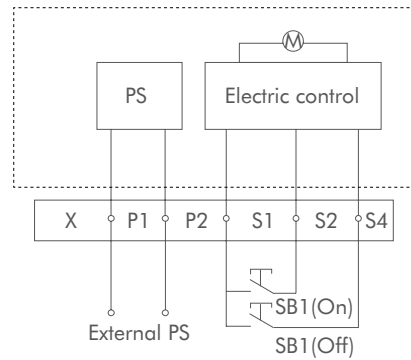
2. Model description



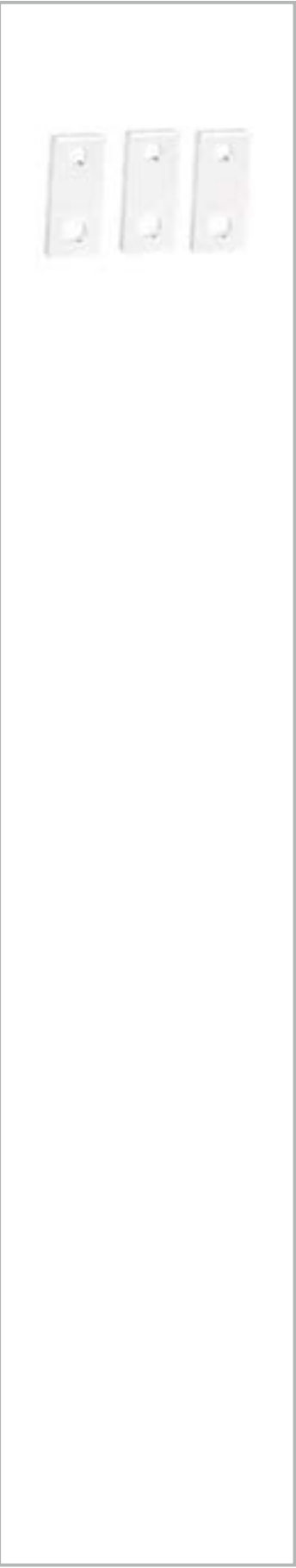
3. Manual operation mechanism installation dimensions diagram



4. Wiring diagram



- Note: 1. SB1/SB2 are close/trip buttons (user supplied)
2. P1/P2 are external power supply wiring terminals, connected to "+" and "-" respectively if external power supply is DC power.

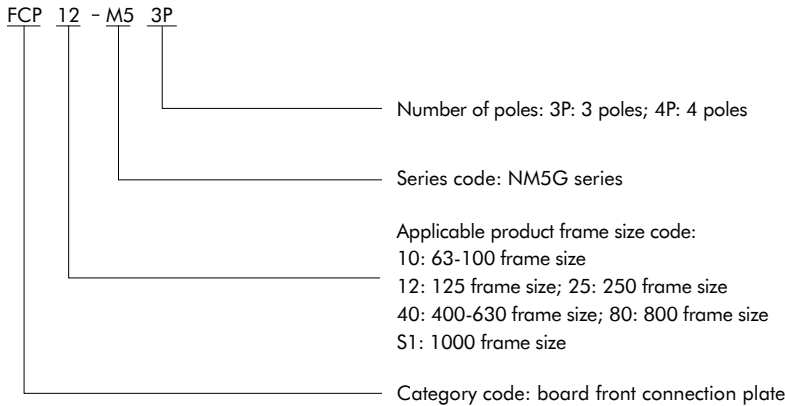


FCP: board front connection plate

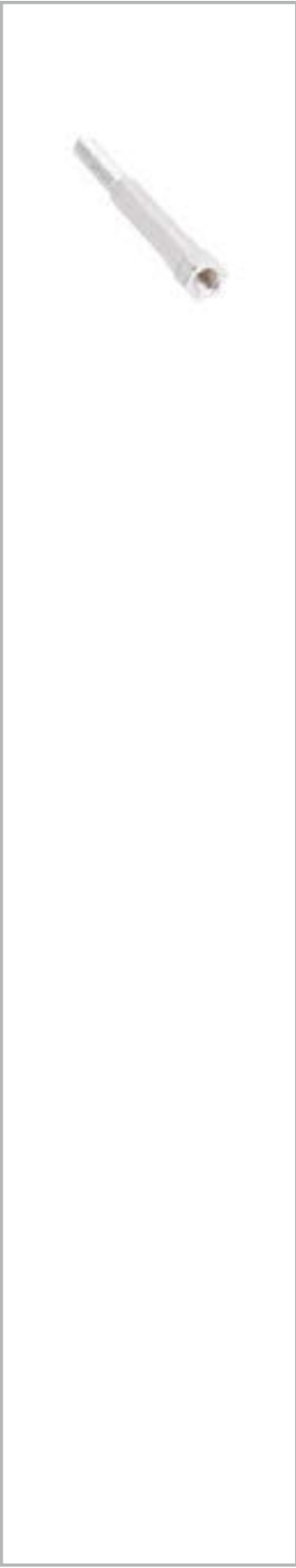
1. Functions

- This accessory enables flexible wiring modes of CB. Via its installation, interphase spacing can be increased, as well as electric spacing between adjacent CB incoming/outgoing line terminals, so as to enhance safety between lines.

2. Model description



Note: FCP board front connection plates shall be supplied in complete set according to CB size: 6 for 3P CB and 8 for 4P CB.

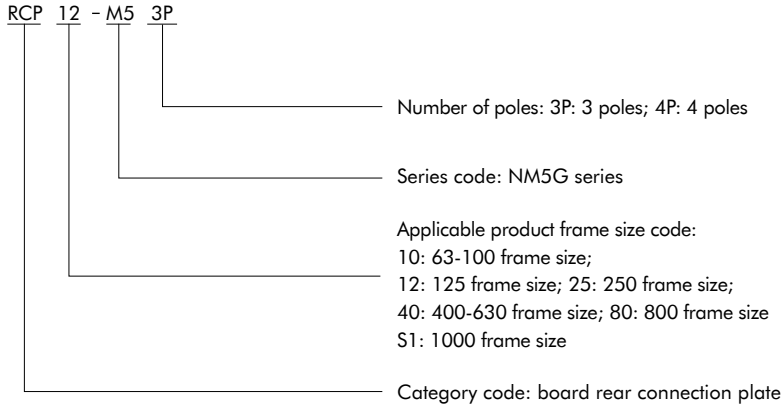


RCP: board rear connection plate

1. Functions

- This accessory enables flexible wiring modes of CB. It is used to assist power distribution board and other occasions that require installation of board rear wiring.

2. Model description



3. Board rear wiring current capacity reduction table

Frame size grade	Rated current (A)	Board rear capacity reduction current (A)
630	500	450
	630	520
800(W630)	500	500
	630	630
	700	650
	800	720
1000(W800)	700	650
	800	720
	900	850
	1000	920

Note: RCP board rear connection plates shall be supplied in complete set according to CB size: 6 for 3P CB and 8 for 4P CB.

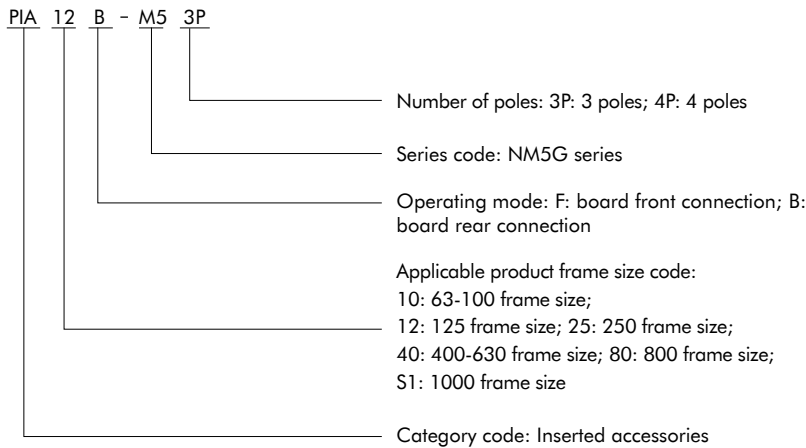


PIA: Inserted accessories

1. Functions

- Allows quick and easy replacement of CB without the need for removal/installation of incoming/outgoing lines.

2. Model description



3. Inserted current capacity reduction table

Frame size grade	Rated current (A)	Board rear capacity reduction current (A)
630	500	450
	630	520
800(W630)	500	500
	630	630
	700	650
	800	720
1000(W800)	700	650
	800	720
	900	850
	1000	920

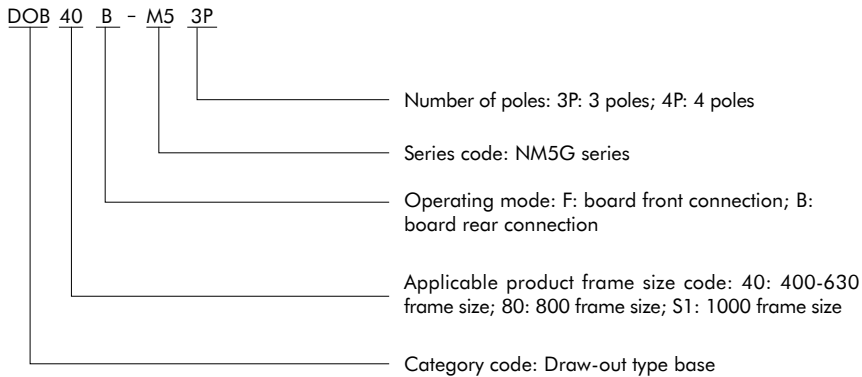


DOB: Draw-out type base

1. Functions

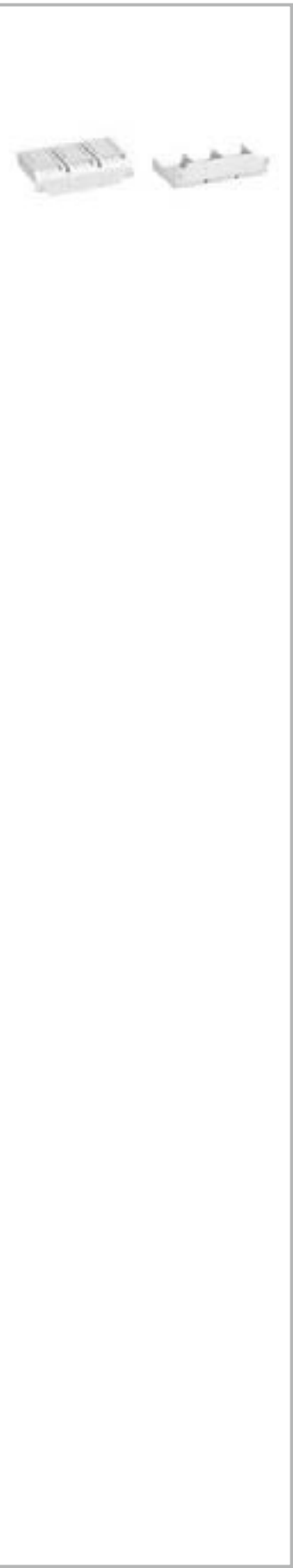
- Lever structure allowing quick and easy replacement of CB.

2. Model description



3. DOB current capacity reduction table

Frame size grade	Rated current (A)	Board rear capacity reduction current (A)
630	500	450
	630	520
800(W630)	500	500
	630	630
	700	650
	800	720
1000(W800)	700	650
	800	720
	900	850
	1000	920

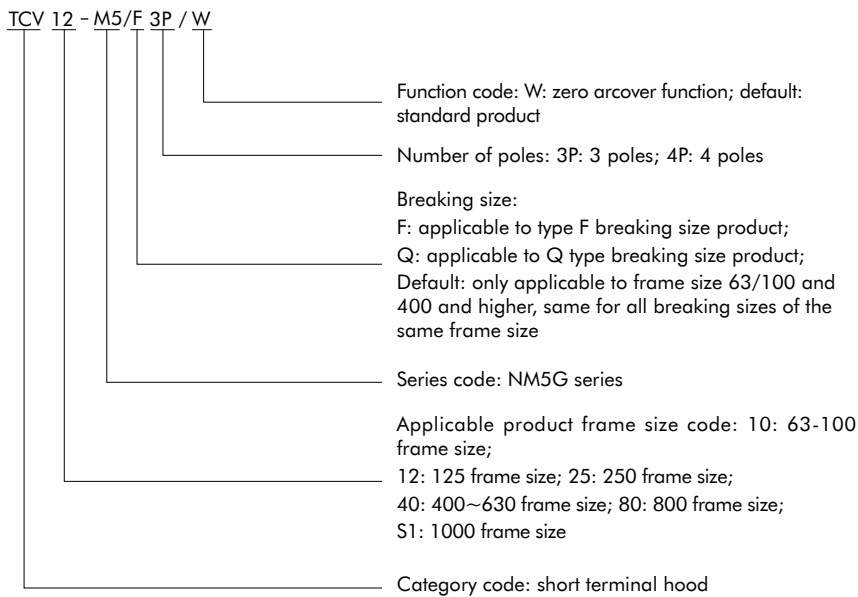


TCV: short terminal hood

1. Functions

- Installed at product incoming line end and outgoing line end, to realize zero arcover function, and effectively prevent interphase or earthing short circuit due to blowout.

2. Model description

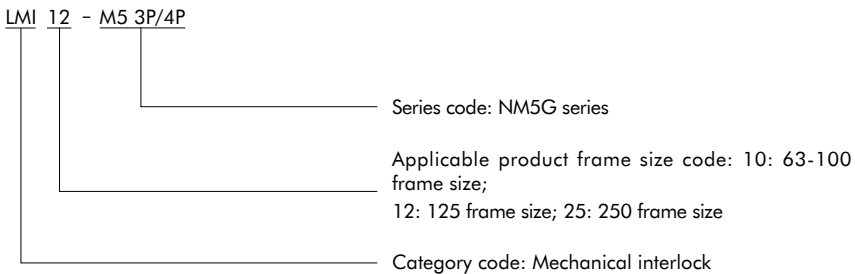


LMI: Mechanical interlock

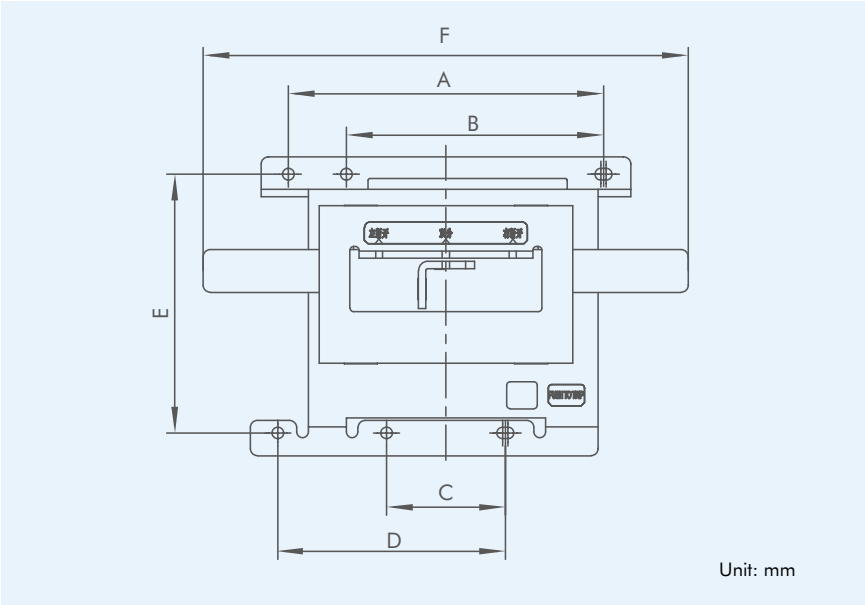
1. Functions

- Realize mutual interlock function between two CBs, so that one is closed and the other is tripped, or both tripped.

2. Model description



3. Mechanical interlock installation dimensions diagram



Mechanical interlock model	Number of poles	A	B	C	D	E	F
LMI10-M5	3P 4P	75	/	32.4	75	67	118 134
LMI12-M5	3P 4P	87	71	32.8	62.8	71.4	134 164
LMI25-M5	3P 4P	97	78.8	36.4	71.4	74	152 185

Note: Padlock shall be supplied by client.

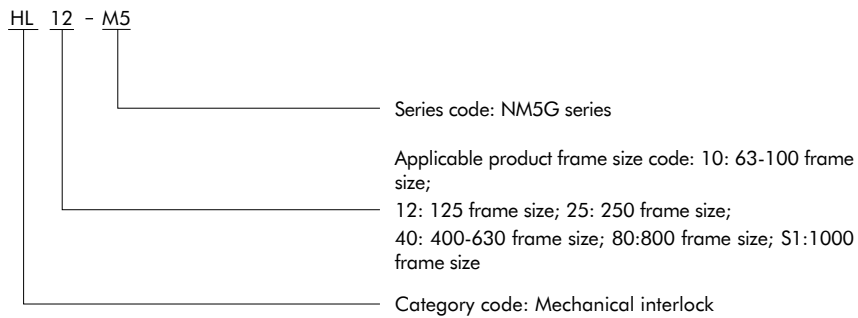


HL: Handle lock

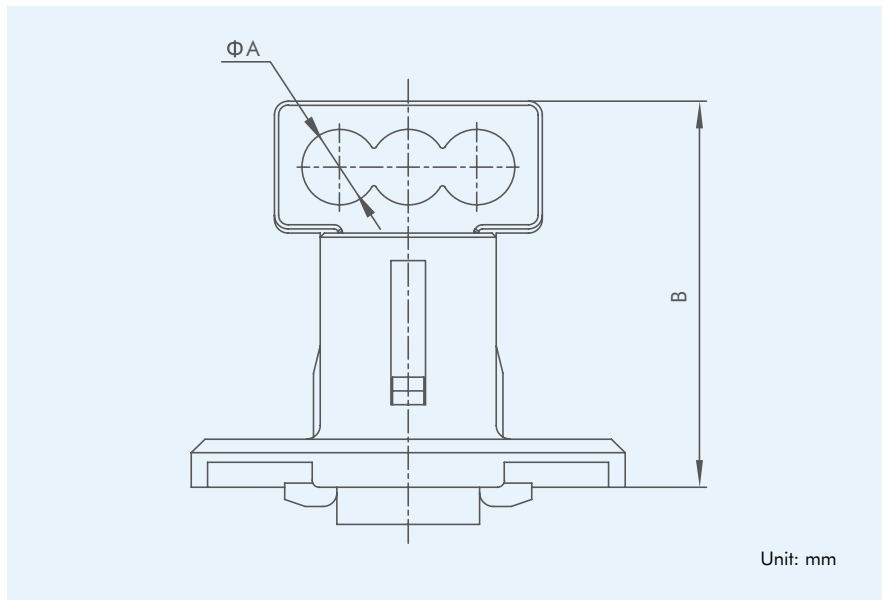
1. Functions

- After locking the handle, the function of prohibiting CB closing is realized, avoiding incorrect operation by non-professionals.

2. Model description



3. Handle lock installation dimensions diagram



Handle lock model	A	B
HL10-M5	5.5	28
HL12-M5		
HL25-M5		34.5
HL40-M5		
HL80-M5		
HLS1-M5		

Note: Padlock shall be supplied by client.

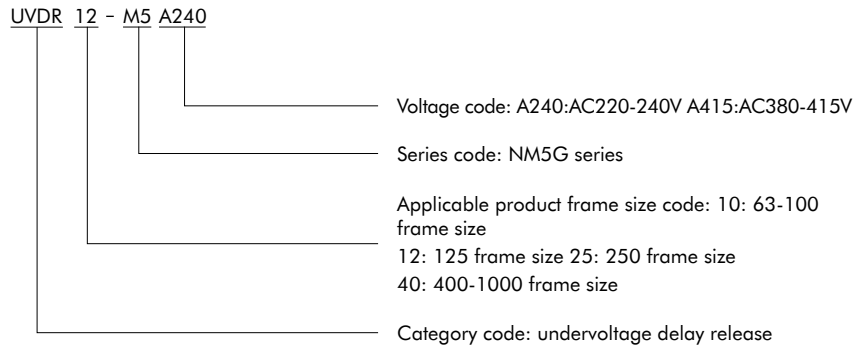


UVDR: undervoltage delay release

1. Functions

- Realize CB undervoltage, voltage loss, and overvoltage protection functions, disconnecting the product while generating an alarm signal. For these protection functions, action delay can be set (0-10s, adjustable).
- By assisting electric operation, the function of voltage check automatic reset can also be realized. When the control power supply voltage is restored from undervoltage, voltage loss or overvoltage to 85%~110% of rated control power supply voltage, the green lamp will light up, and the undervoltage delay release can automatically reset and then after a delay of 1~2s, the controller will send an action instruction to the motor-driven operating mechanism, first re-tripping and then closing (before automatic closing of the motor-driven operating mechanism, the CB must be in tripped state, and the motor-driven operating mechanism shall be indicated as white).

2. Model description



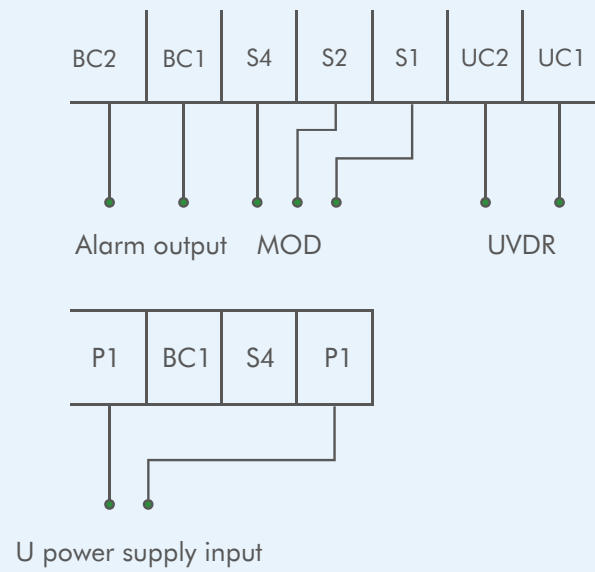
3. Undervoltage delay power consumption

Product model	Voltage type	Rated control power voltage Us(V)	Priming power consumption (W)	Holding power consumption (W)
UVDR10	AC	220-240	90	0.5
		380~415	120	0.5
UVDR12	AC	220~240	678	1.3
		380~415	453	0.9
UVDR40	AC	220~240	383	1.8
		380~415	223	0.7

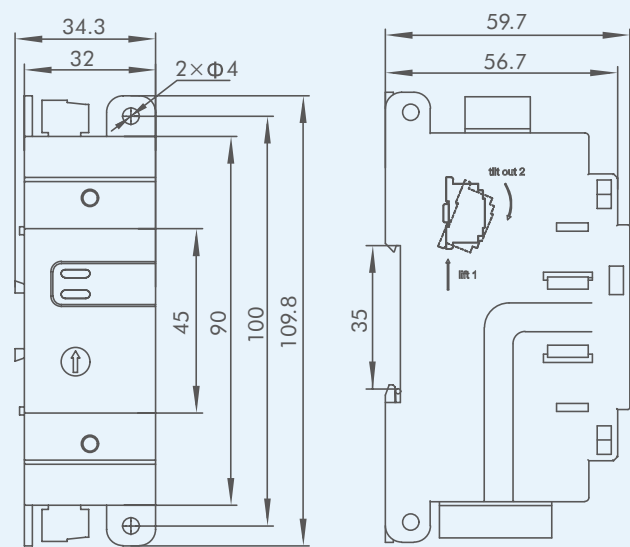
4. Action characteristics

Power supply voltage Us (Us is Rated working voltage.)	Product state
(85%~110%) Us	Green lamp glowing: normal closing/tripping of the product
(35%~70%) Us	Red lamp glowing: prod. disconnected for 0~10s, adjustable
≤ 20%Us	Lamp off: product disconnected for 0~10s, adjustable
0	Lamp off: product cannot close
≥ 130%Us	Red lamp flashing: product disconnected after 3s

Wiring diagram



Wiring diagram



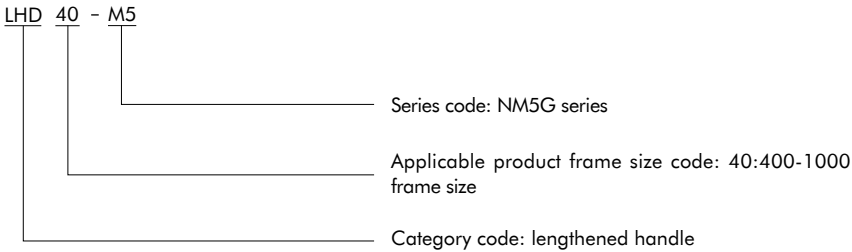
Unit: mm

LHD: lengthened handle

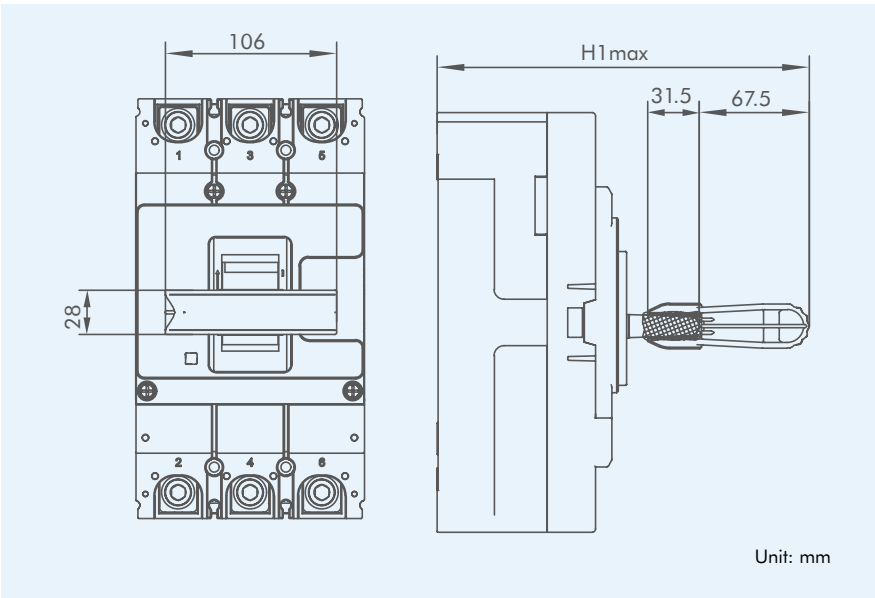
1. Functions

- By pushing the lengthened handle, assist closing, tripping, and re-tripping of CB.

2. Model description



3. Lengthened handle installation dimensions diagram



Unit: mm

Size and model	H1
NM5G-400	230
NM5G-630	230
NM5G-800	234
NM5G-1000	237

Accessories type selection table

	Accessories type	Accessories brief name	Size description	63, 100		125	250	400
Internal accessories	Auxiliary contact	AX	1NO+1NC	AX10-M5		AX-M5 11	AX-M5 11	AX-M5 11
		AX-22	2NO+2NC	AX10-M522		AX12-M5 22	AX12-M5 22	AX40-M5 22
	Alarm contact	AL	1NO+1NC	AL10-M5		AL-M5 11	AL-M5 11	-
		AL40		-		-	-	AL40-M5 11
	Alarm auxiliary contact	AXL-21	Aux. (2NO+2NC) Alarm (1NO+1NC)	AXL10-M511		-	-	AXL40-M5 21
	Shunt release	SHTA110	AC110V	SHT10-M5A110		SHT12-M5 A110	SHT12-M5 A110	SHT40-M5 A110
		SHT A240	AC220/230/240V	SHT10-M5A240		SHT12-M5 A240	SHT12-M5 A240	SHT40-M5 A240
		SHT A415	AC380/400/415V	SHT10-M5A415		SHT12-M5 A415	SHT12-M5 A415	SHT40-M5 A415
		SHT D24	DC24V	SHT10-M5D24		SHT12-M5 D24	SHT12-M5 D24	SHT40-M5 D24
		SHTD110	DC110V	SHT10-M5D110		SHT12-M5 D110	SHT12-M5 D110	SHT40-M5 D110
		SHT D250	DC220/250V	SHT10-M5D250		SHT12-M5 D250	SHT12-M5 D250	SHT40-M5 D250
	Undervoltage release	UVT A240	AC220/230/240V	UVT10-M5A240		UVT12-M5 A240	UVT12-M5 A240	UVT40-M5 A240
		UVTA415	AC380/400/415V	UVT10-M5A415		UVT12-M5 A415	UVT12-M5 A415	UVT40-M5 A415
External accessories	Economic lengthened rotation handle	CRH	Economic lengthened rotation handle	CRH10-M5		CRH12-M5	CRH25-M5	CRH40-M5
	Standard direct rotation handle	DRH	Standard direct rotation handle	DRH10-M5		DRH12-M5	DRH25-M5	-
	Motor-driven operating mechanism	MOD A110	AC110V	MOD10-M5A110		MOD12-M5 A110	MOD25-M5 A110	MOD40-M5 A110
		MOD A240	AC220/230/240V	MOD10-M5A240		MOD12-M5A240	MOD25-M5 A240	MOD40-M5A240
		MOD A415	AC380/400/415V	MOD10-M5A415		MOD12-M5 A415	MOD25-M5 A415	MOD40-M5 A415
		MOD D24	DC24V	MOD10-M5D24		MOD12-M5 D24	MOD25-M5 D24	MOD40-M5 D24
		MOD D110	DC110V	MOD10-M5D110		MOD12-M5 D110	MOD25-M5 D110	MOD40-M5 D110
		MOD D250	DC220/250V	MODW-M5D250		MOD12-M5 D250	MOD25-M5 D250	MOD40-M5 D250
	Board front connection plate	FCP	3P	FCP10-M5 3P		FCP12-M5 3P	FCP25-M5 3P	FCP40-M5 3P
			4P	FCP10-M5 4P		FCP12-M5 4P	FCP25-M5 4P	FCP40-M5 4P
	Board rear connection plate	RCP	3P	RCP10-M53P		RCP12-M5 3P	RCP25-M5 3P	RCP40-M5 3P
			4P	RCP10-M54P		RCP12-M5 4P	RCP25-M5 4P	RCP40-M5 4P
	Inserted accessories	PIA	3P board front	-		PIA12F-M5 3P	PIA25F-M5 3P	PIA40F-M5 3P
			4P board front	-		PIA12F-M5 4P	PIA25F-M5 4P	PIA40F-M5 4P
			3P board rear	PIA10-M53P		PIA12B-M5 3P	PIA25B-M5 3P	PIA40B-M5 3P
			4P board rear	PIA10-M54P		PIA12B-M5 4P	PIA25B-M5 4P	PIA40B-M5 4P
	Draw-out type base	DOB	3P board front	-		-	-	DOB40F-M5 3P
			4P board front	-		-	-	DOB40F-M5 4P
			3P board rear	-		-	-	DOB40B-M5 3P
			4P board rear	-		-	-	DOB40B-M5 4P
	Short terminal hood	TCV	3P	TCV10-M5 3P		TCV12-M5/F3P	TCV25-M5/F 3P	TCV40-M5 3P
						TCV12-M5/Q3P	TCV25-M5/Q3P	
			4P	TCV10-M5 3P		TCV12-M5/F4P	TCV25-M5/F 4P	TCV40-M5 4P
						TCV12-M5/Q4P	TCV25-M5/Q4P	

Accessories type selection table

	Accessories type	Accessories brief name	Size description	630		800	1000
Internal accessories	Auxiliary contact	AX	1NO+1NC	AX-M5 11		AX-M5 11	AX-M5 11
		AX-22	2NO+2NC	AX40-M5 22		AX40-M5 22	AX40-M5 22
	alarm contact	AL	1NO+1NC	-		-	-
		AL40		AL40-M5 11		AL40-M5 11	AL40-M5 11
	Alarm auxiliary contact	AXL-21	Aux. (2NO+2NC) Alarm (1NO+1NC)	AXL40-M521		AXL40-M5 21	AXL40-M521
	Shunt release	SHTA110	AC110V	SHT40-M5 A110		SHT40-M5 A110	SHT40-M5 A110
		SHT A240	AC220/230/240V	SHT40-M5 A240		SHT40-M5 A240	SHT40-M5 A240
		SHT A415	AC380/400/415V	SHT40-M5 A415		SHT40-M5 A415	SHT40-M5 A415
		SHT D24	DC24V	SHT40-M5 D24		SHT40-M5 D24	SHT40-M5 D24
		SHTD110	DC110V	SHT40-M5 D110		SHT40-M5 D110	SHT40-M5 D110
		SHT D250	DC220/250V	SHT40-M5 D250		SHT40-M5 D250	SHT40-M5 D250
	Undervoltage release	UVT A240	AC220/230/240V	UVT40-M5 A240		UVT40-M5 A240	UVT40-M5 A240
		UVTA415	AC380/400/415V	UVT40-M5 A415		UVT40-M5 A415	UVT40-M5 A415
External accessories	Economic lengthened rotation handle	CRH	Economic lengthened rotation handle	CRH40-M5		CRH80-M5	CRHS1-M5
	Standard direct rotation handle	DRH	Standard direct rotation handle	-		-	-
	Motor-driven operating mechanism	MOD A110	AC110V	MOD40-M5 A110		MOD80-M5 A110	MODS1-M5 A110
		MOD A240	AC220/230/240V	MOD40-M5 A240		MOD80-M5A240	MODS1-M5A240
		MOD A415	AC380/400/415V	MOD40-M5 A415		MOD80-M5 A415	MODS1-M5 A415
		MOD D24	DC24V	MOD40-M5 D24		MOD80-M5 D24	MODS1-M5 D24
		MOD D110	DC110V	MOD40-M5 D110		MOD80-M5 D110	M0DS1-M5 D110
		MOD D250	DC220/250V	MOD40-M5 D250		MOD80-M5 D250	MODS1-M5 D250
	Board front connection plate	FCP	3P	FCP40-M5 3P		FCP80-M5 3P	FCPS1-M5 3P
			4P	FCP40-M5 4P		FCP80-M5 4P	FCPS1-M5 4P
	Board rear connection plate	RCP	3P	RCP40-M5 3P		RCP80-M5 3P	RCPS1-M5 3P
			4P	RCP40-M5 4P		RCP80-M5 4P	RCPS1-M5 4P
	Inserted accessories	PIA	3P board front	PIA40F-M5 3P		PIA80F-M5 3P	PIAS1F-M5 3P
			4P board front	PIA40F-M5 4P		PIA80F-M5 4P	PIAS1F-M5 4P
			3P board rear	PIA40B-M5 3P		PIA80B-M5 3P	PIAS1B-M5 3P
			4P board rear	PIA40B-M5 4P		PIA80B-M5 4P	PIAS1B-M5 4P
	Draw-out type base	DOB	3P board front	DOB40F-M5 3P		DOB80F-M5 3P	D0BS1F-M5 3P
			4P board front	DOB40F-M5 4P		DOB80F-M5 4P	DOBS1F-M5 4P
			3P board rear	DOB40B-M5 3P		DOB80B-M5 3P	DOBS1B-M5 3P
			4P board rear	DOB40B-M5 4P		DOB80B-M5 4P	D0BS1B-M5 4P
	Short terminal hood	TCV	3P	TCV40-M5 3P		TCV80-M5 3P	TCVS1-M5 3P
			4P	TCV40-M5 4P		TCV80-M5 4P	TCVS1-M5 4P

Asia Pacific

China | Global HQ

ZHEJIANG CHINT ELECTRICS CO., LTD.

Add: A3 Building, No. 3655 Sixian Road, Songjiang Shanghai 201614.
Tel: +86 21 5677 7777
Fax: +86 21 5677 7777
E-mail: global-sales@chintglobal.com
Web: www.chintglobal.com

Vietnam

CHINT Vietnam Holding Co., Ltd

Add: So 2Bis-4-6, Le Thanh Ton, P. Ben Nghe Quan 1, Ho Chi Minh, Vietnam.
Tel: +84 0283 8270 015
E-mail: marketing.vn@chintglobal.com
Web: www.chintglobal.vn

Sunlight Electrical (VN) Co., Ltd

Add: 20 Doc Lap Ave, VSIP, Thuan An City, Binh Duong Province, Vietnam.
Tel: +84 0274 3743 505
E-mail: sales.sev@sunlightgroup-vn.com.vn
Web: www.sunlightvietnam.com.vn

Korea

CHINT Electric Korea Co.,LTD

Add: B501, 40, Imiro, Uiwang-Si, Gyeonggi-Do, KOREA 16006.
Tel: +82 31 8068 7099
E-mail: lring@chint.com
Web: https://www.chintglobal.kr

India

CHINT India Energy Solution Private Limited

Add: Discovery Tower, Plot No. A-17, Ground Floor Industrial Area Sector 62 Noida, India 201309.
Tel: +91 1202 9750 57
E-mail: marketing@chint.co.in
Web: www.chint.co.in

Malaysia

Alpha Automation (Selangor) Sdn. Bhd.

Add: No. 11, Temasya 18, Jalan Pelukis U1/46B, Seksyen U1, 40150 Shah Alam, Selangor.
Tel: +603-5569 7787
Fax: +603-5569 9295
Email: chintmalaysia@alphasel.com
Web: www.alphasel.com

West Asia & Africa

Egypt

CHINT Electrics (Egypt) Co., Ltd

Add: Building (B123-C11) Smart Village, Abu Rawash, Giza - Egypt
Tel: (+20) 235 373 725/(+20) 235 373 735
P.O BOX : 00202
E-mail: chinteg@chintglobal.com

CHINT EGEMAC for Electrical Products co. Ltd

Add: Area No.4B inside area No.6 Developers Industrial Zone, Eloula industrial compound, 6th of October, Giza, Egypt.
E-mail: ahmed.bayoumi@chint-egemac.com
Tel: (+2) 01064108151/01202348586
Fax: (+2)38642389
Web: www.CHINT-EGEMAC.com

Saudi Arabia

CHINT AJLAN AND BROTHERS ELECTRICAL CO., LTD

Add: East Ring Rd Ext, New Industry Area, Riyadh 14338 KSA
E-mail: chint-ajlanbros@chint.com
Web: www.chint-ajlanbros.com

CHINT ARABIAN ELECTRICAL INDUSTRIAL CO., LTD.

Building NO 7183, 3RD Industrial City, Damman Kingdom of Saudi Arabian
Tel: 966557951923
E-mail: Belal.Abdel@chintglobal.com
Web: www.chint-atc.com

Singapore | Asia Pacific HQ

CHINT GLOBAL INTERNATIONAL PTE LTD

Add: 8 Kallang Avenue, #04-06/09 Aperia Office Tower 1, Singapore 339509.
Tel: +65 6329 3110
Fax: +65 6329 3159
E-mail: sales.apac@chint.com
Website: www.ChintGlobal.com

SUNLIGHT ELECTRICAL PTE LTD

Add: 1 Third Chin Bee Road, Singapore 618679.
Tel: +65 6741 9055
Fax : +65 6265 4586
E-mail: sales@sunlightgroup.com
Web: www.sunlightgroup.com

Cambodia

CHINT (Cambodia) Power Equipment Co., Ltd

Add: No.15, St. 542, Sangkat Boeung Kok 1, Khan Toul Kork, Phnom Penh, Cambodia.
Tel: +855 23 231 077
E-mail: lbin3@chintglobal.com
Web: www.chintglobal.com

SchneiTec CHINT Co., Ltd

Add: Ansor Kdam Village, Sna Ansa Commune, Krakor District, Pursat Province, Cambodia
Tel: +855 09 5353 268
E-mail: liubin@schneitec-chint.com.kh / info@schneitec-chint.com.kh
Web: www.schneitec-chint.com.kh

Indonesia

PT. CHINT Indonesia

Add: Kompleks Prima Center I, Blok C9-10, Jl. Pesing Paglar Jl. Pool PPD No. 11, RT.9/RW.2, Cengkareng, Jakarta Barat.
Tel: +62 21 5436 3000
E-mail: sales@chint-indonesia.com
Web: www.chint-Indonesia.com

Philippines

CHINT ELECTRIC CO., LTD

Add: Unit 201, Taipan Place, F. Ortigas Jr. Road, Ortigas Center, Pasig City, Metro Manila, Philippines
Tel: +63 (2) 83653068
E-mail: liq07@chintglobal.com / chintph@chintglobal.com
Web: www.chintglobal.com

U.A.E

CHINT MIDDLE EAST AND AFRICA DMCC

Add: Unit No. 2101, Jumeirah Business Center 1, Jumeirah Lakes Towers, Dubai, UAE
Tel: +97145571532
P.O BOX: 337555
E-mail: global-sales@chintglobal.com
Web: https://chintglobal.com

Uganda

CHINT METERS&ELECTRICAL UGANDA CO. LTD

Add: PLOT 378,TIRINYI ROAD, TANGSHAN MBALE INDUSTRIAL PARK, MBALE,UGANDA
Tel: +256 741242096
E-mail: chintuganda@chint.com

Nigeria

CHINT POWER&ENERGY SERVICES LIMITED

Add: 3rd Floor, Churchgate Tower 2, PC 31 Churchgate Street, Victoria Island, Lagos Nigeria
Tel: 08034339907
E-mail: gazubuike@chintglobal.com

Kenya

ZHENGTAI ELECTRICS(KENYA) CO., LIMITED

Add: OFFICE 1A, 8TH FLOOR, KISM TOWERS, LR No. 209/945/1– NGONG ROAD – NAIROBI, KENYA
Tel: +254 713 871 243
E-mail: chintkenya@chintglobal.com