

CHAC

PXB6 Series
Miniature Circuit Breaker
PRODUCT CATALOG

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WEBSITE

V2026.09-CHAC-MKT



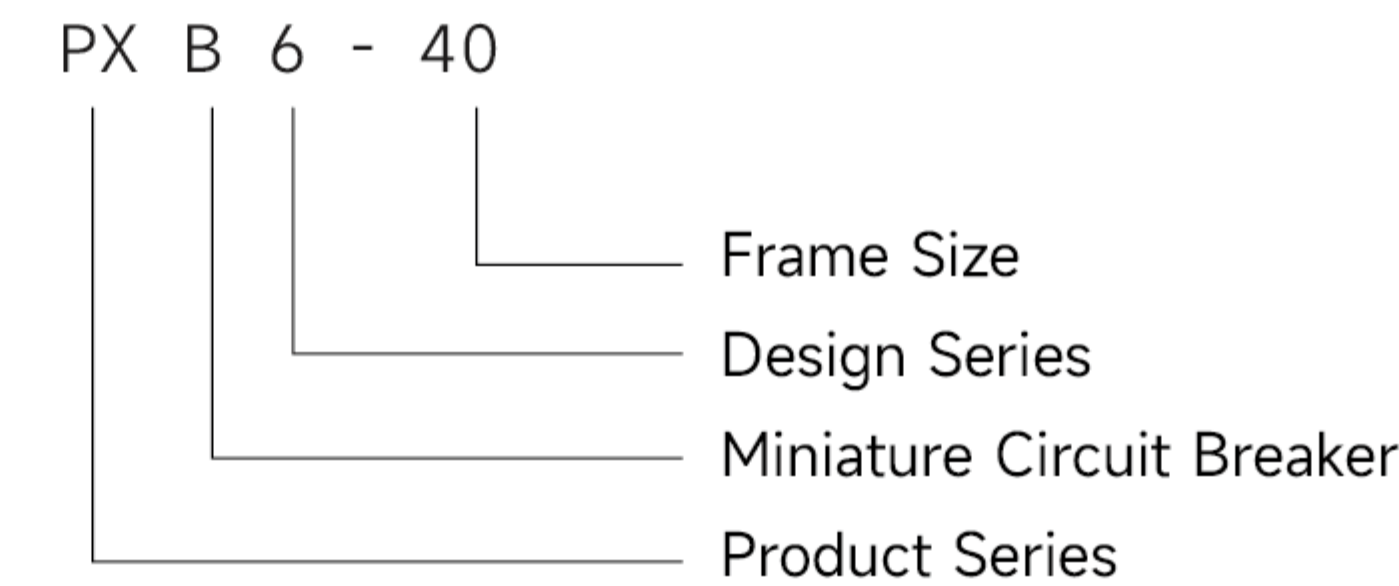
PXB6-40
Miniature Circuit Breaker



Product Features

- Enhanced Safety Design: Compact 1P+N configuration with simultaneous phase and neutral disconnection for improved maintenance safety.
- Dual Electrical Protection: Integrated overload and short-circuit protection provides reliable circuit protection.
- Reliable Isolation: Provides effective electrical isolation in the OFF position for safer maintenance.
- Versatile Applications: Suitable for industrial, commercial, high-rise building, and residential electrical systems.

Type designation



Technical Specifications

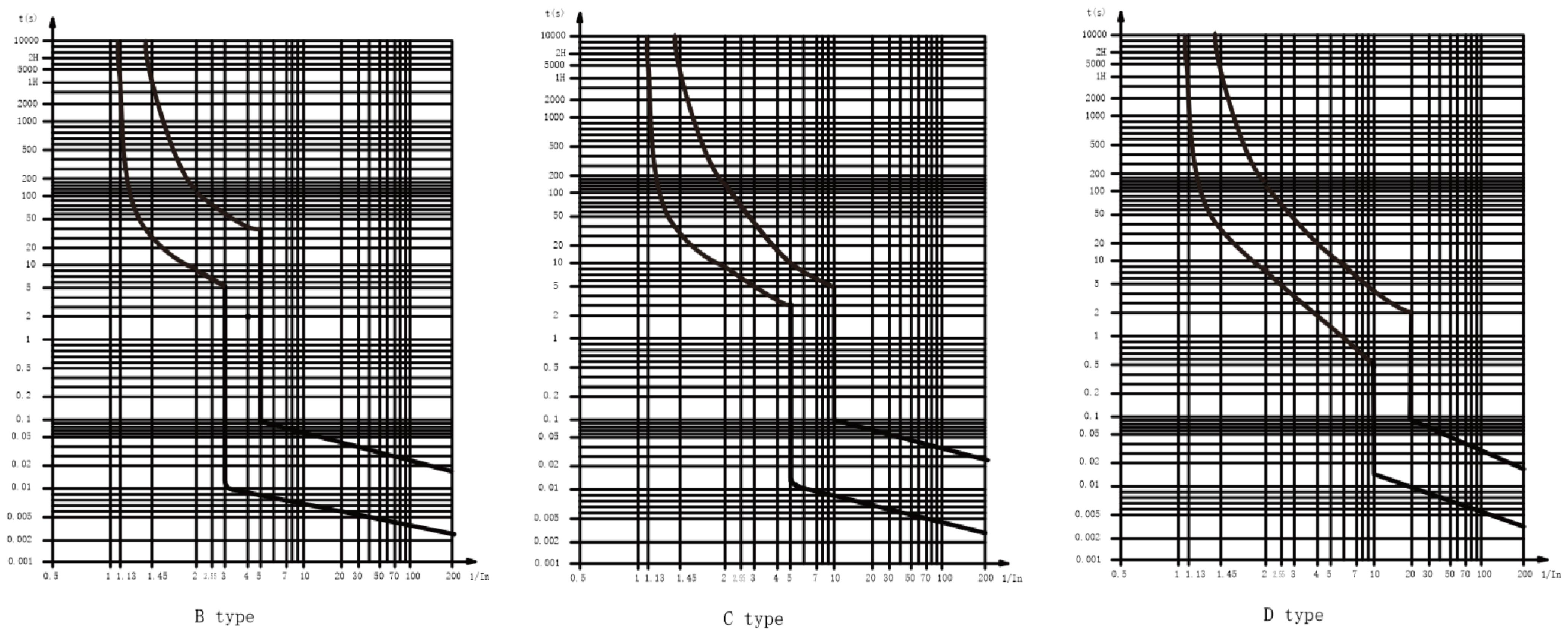
Parameter	
Rated Voltage (V)	230/240V
Rated Insulation Voltage (Ui)	400V
Rated Impulse Withstand Voltage (Uimp)	4000V
Rated Current (In)	6、10、16、20、25、32、40
Rated Frequency	50/60Hz
Number of Poles	1P+N
Rated Short-Circuit Breaking Capacity (Icn = Ics)	4500A
Mechanical Endurance	≥10000
Electrical Endurance	≥4000
Instantaneous Tripping Type	B、C、D
Grid Spacing	50mm
Degree of Protection	IP 20
Standards Compliance	IEC60898-1, GB/T 10963.1
Certification	CE · CB · CCC DEKRA Certified

Tripping Characteristics (Reference Temperature: 30°C)

Item	Tripping Curve	Test Current (A)	Initial Status	Time limit for tripping or non-tripping	Expected result	Remarks
a	B, C, D	1.13In	Cold	t ≤ 1h	Non-tripping	Current smoothly rises to specified value within 5s
b	B, C, D	1.45In	Following item a test	t < 1h	Tripping	
c	B, C, D	2.55In	Cold	1s < t < 60s (In ≤ 32A) 1s < t < 120s (In > 32A)	Tripping	
d	B	3In	Cold	t ≤ 0.1s	Non-tripping	Switch on the power supply by closing the auxiliary switch
	C	5In				
	D	10In				
e	B	5In	Cold	t < 0.1s	Tripping	Switch on the power supply by closing the auxiliary switch
	C	10In				
	D	20In				

Note: The term "cold" means that the test is carried out at a reference calibration temperature without load before the test.

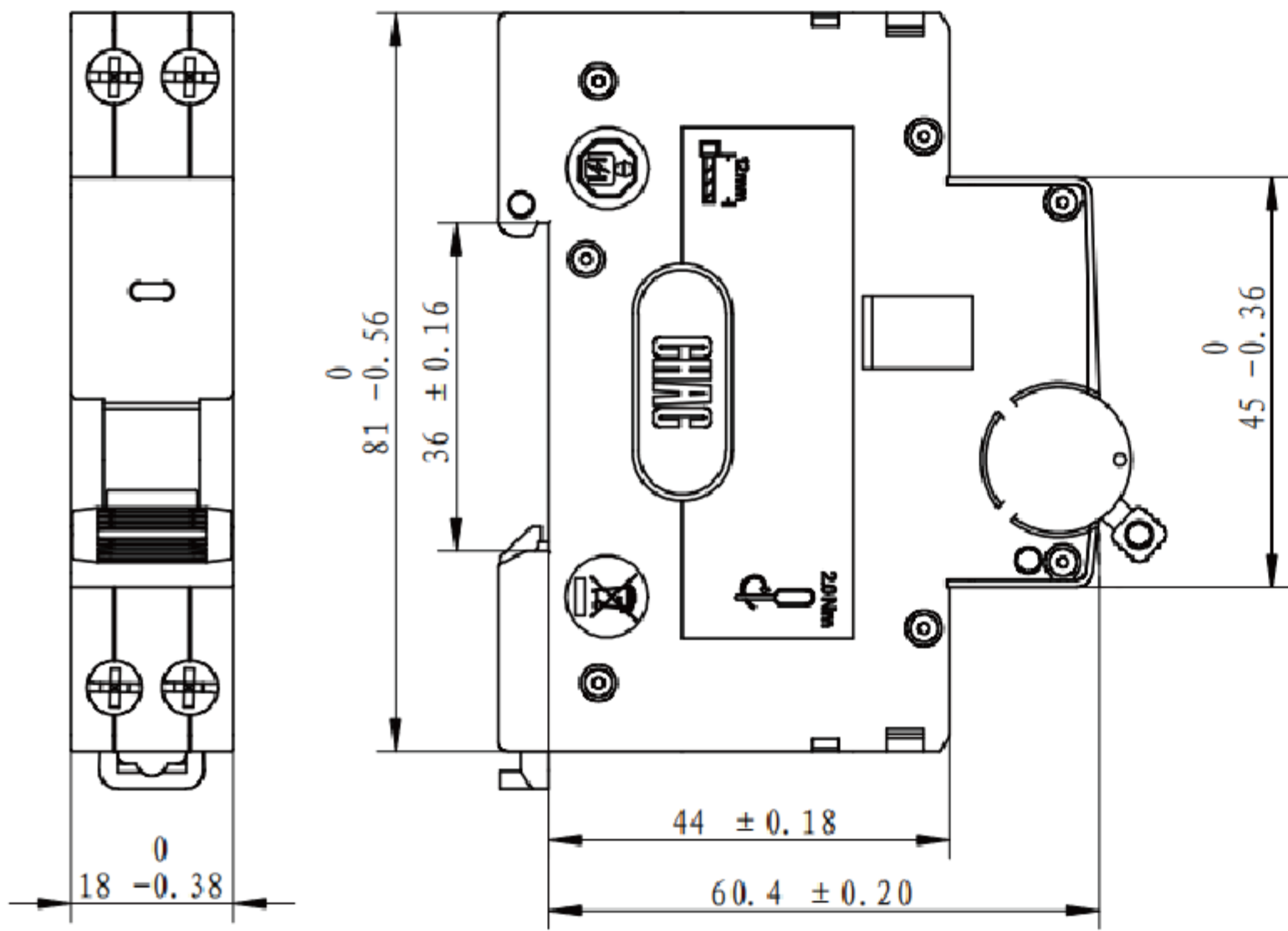
Tripping curves



Conductor requirements and cross section

Copper cross-section(mm²)	Rated current In(A)
1	In≤6
1.5	6 < In≤13
2.5	13 < In≤20
4	20 < In≤25
6	25 < In≤32
10	32 < In≤40

Dimensions(mm)



Ordering Specification

Please specify the following when ordering:

- Product Model: PXB6-40
- Number of Poles: 1P+N
- Rated Current & Tripping Curve: [e.g., C/16A]
 - Tripping Curve (Type): B, C, D
 - Rated Current (In): 6, 10, 16, 20, 25, 32, 40A
- Quantity: [e.g., 100 pcs]

Ordering Example:

PXB6-40 1P+N C/16A 100 pcs

PXB6-63

Miniature Circuit Breaker



Product Features

- High interruption rating capabilities
- Overload & short circuit protection
- Positive isolation
- Suitable for industrial, commercial, high-rise and civil residences circuit protection

Type designation

PX B 6 - 63



Technical Specifications

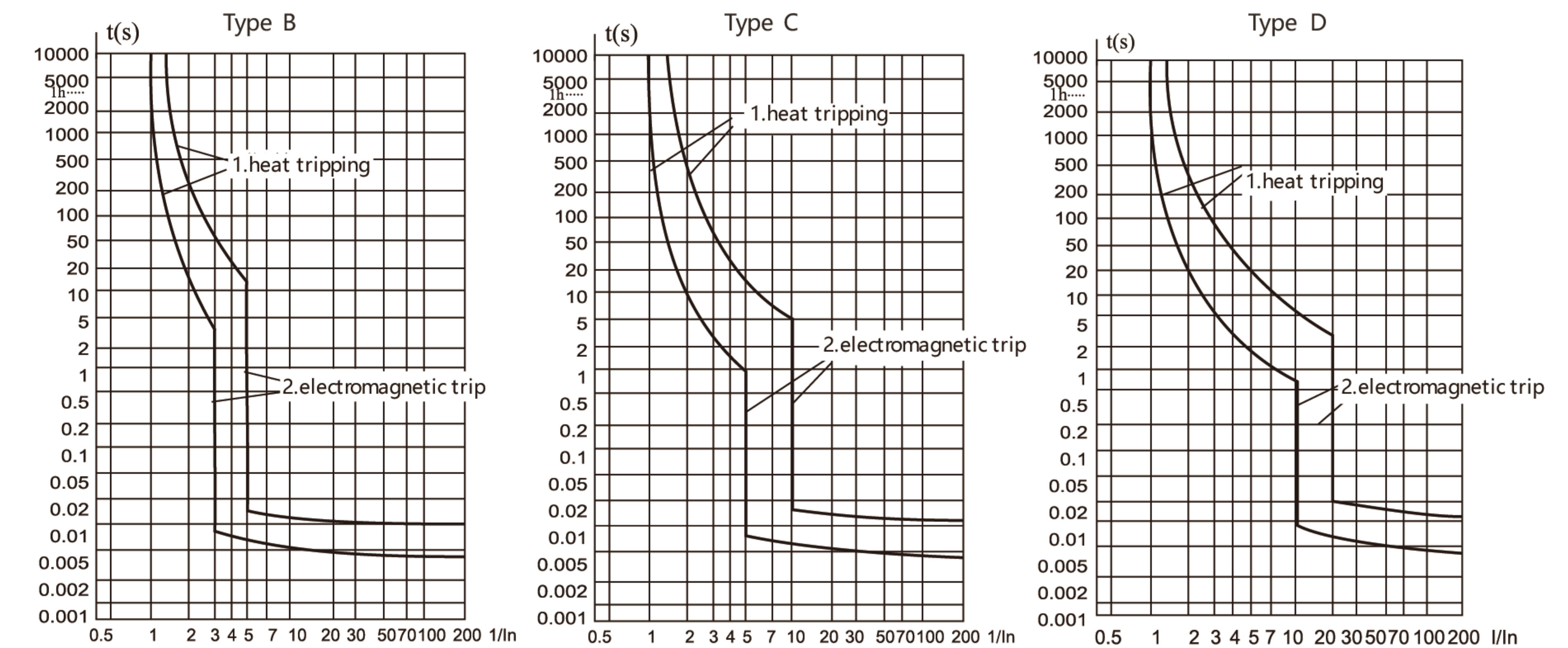
Parameter	
Rated Insulation Voltage (Ui)	500V
Rated Impulse Withstand Voltage (Uimp)	4000V
Rated Current (In)	6, 10, 16, 20, 25, 32, 40, 50, 63
Rated Frequency	50Hz / 60Hz
Number of Poles	1P, 2P, 3P, 4P
Rated Short-Circuit Breaking Capacity (Icu = Ics)	6000A
Mechanical Endurance	20000
Electrical Endurance	10000
Tripping curves	B, C, D
Terminal center distance	45mm
Protction Class	IP20
Standard	IEC60898 -1, GB/T10963.1;
Certification	CE · CB · CCC DEKRA Certified

Tripping Characteristics (Reference Temperature: 30°C)

Item	Tripping Curve	Test Current (A)	Initial Status	Time limit for tripping or non-tripping	Expected result	Remarks	
a	B, C, D	1.13In	Cold	t ≤ 1h	Non-tripping	Current smoothly rises to specified value within 5s	
b	B, C, D	1.45In	Following item a test		t < 1h		Tripping
c	B, C, D	2.55In	Cold	1s < t < 60s (In ≤ 32A) 1s < t < 120s (In > 32A)	Tripping		
d	B	3In	Cold	t ≤ 0.1s	Non-tripping	Switch on the power supply by closing the auxiliary switch	
	C	5In					
	D	10In					
e	B	5In	Cold	t < 0.1s	Tripping	Switch on the power supply by closing the auxiliary switch	
	C	10In					
	D	20In					

Note: The term "cold" means that the test is carried out at a reference calibration temperature without load before the test.

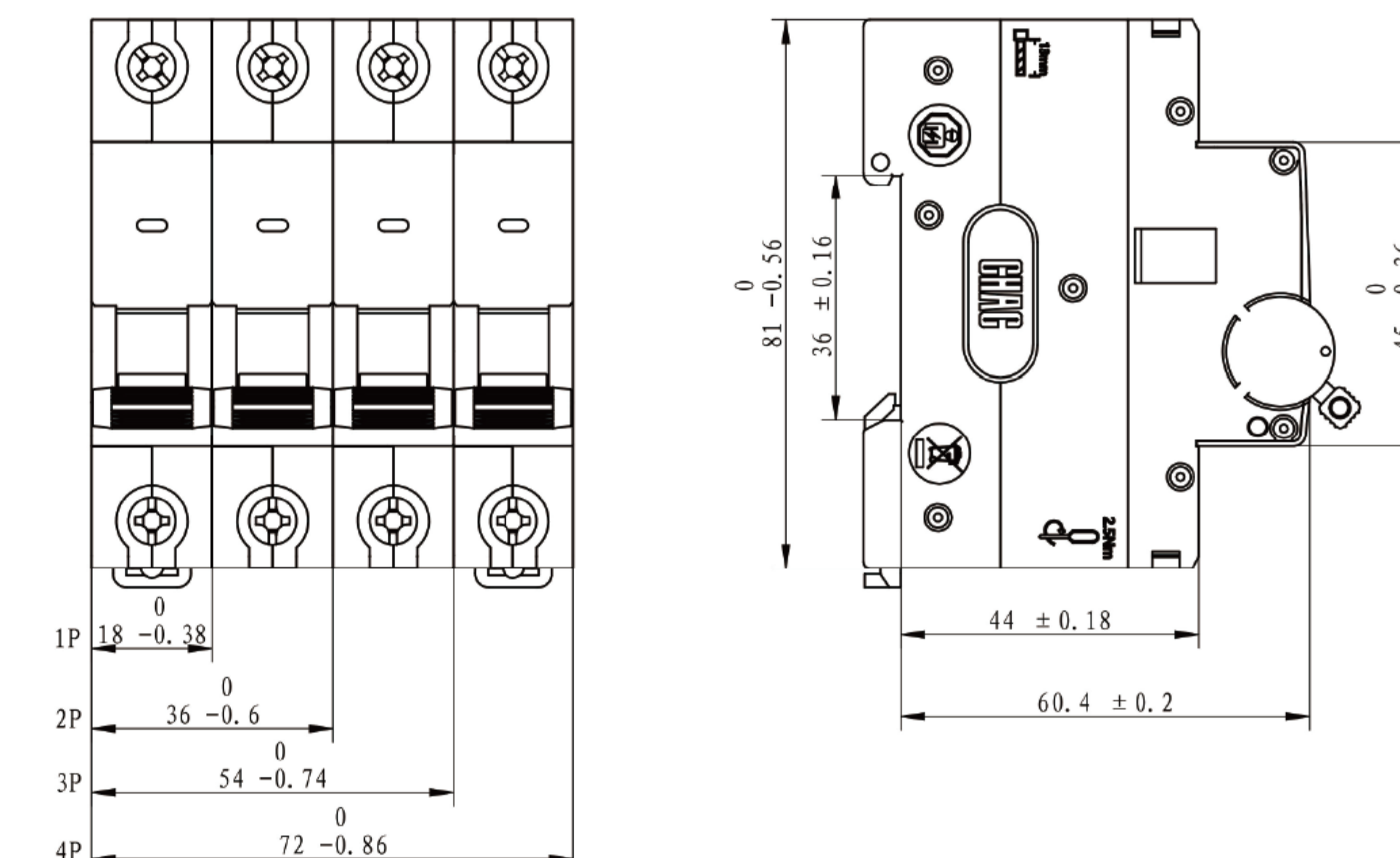
Tripping curves



Conductor requirements and cross section

Copper cross-section(mm²)	Rated current In(A)
1	In≤6
1.5	6 < In≤13
2.5	13 < In≤20
4	20 < In≤25
6	25 < In≤32
10	32 < In≤50
16	50 < In≤63

Dimensions(mm)



Ordering Specification

Please specify the following when ordering:

- 1.Product Model: PXB6-63
- 2.Number of Poles: 1P, 2P, 3P, 4P
- 3.Rated Current & Tripping Curve: [e.g., C/16A]
 - Tripping Curve (Type): B, C, D
 - Rated Current (In): 6, 10, 16, 20, 25, 32, 40, 50, 63A
- 5.Quantity: [e.g., 100 pcs]

Ordering Example:

PXB6-63 1P C/16A 100 pcs

PXB6H-63

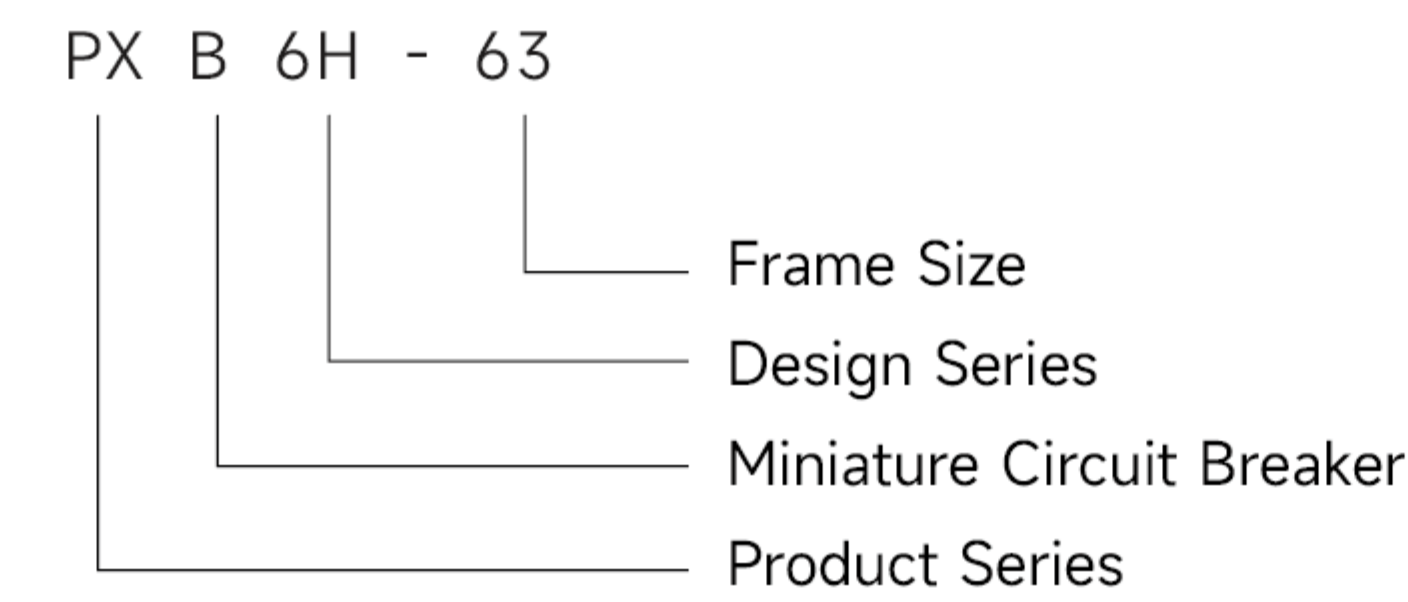
Miniature Circuit Breaker



Product Features

- High Breaking Capacity - Rated breaking capacity up to 10000A for severe faults.
- Overload and Short-Circuit Protection - Integrated protection enhances circuit reliability.
- Isolation Function - Safe isolation for easy maintenance.

Type designation



Technical Specifications

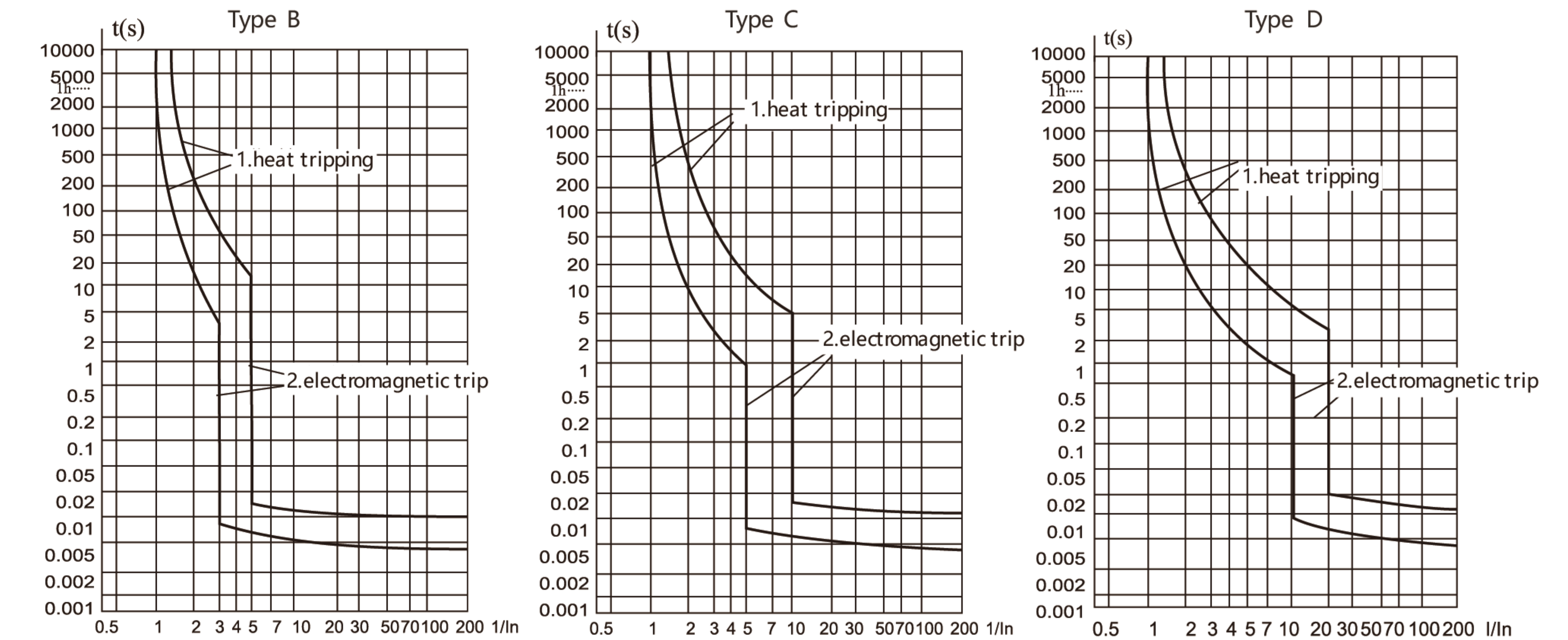
Parameter	
Rated Insulation Voltage (Ui)	500V
Rated Impulse Withstand Voltage (Uimp)	4000V
Rated Current (In)	0.5, 1, 1.6, 2, 2.5, 3, 4, 5, 6, 8, 10, 13, 16, 20, 25, 32, 40, 50, 63A
Rated Frequency	50Hz / 60Hz
Number of Poles	1P+N, 2P, 3P, 3P+N, 4P
Rated Short-Circuit Breaking Capacity (Icu = 75%Ics)	10000A
Mechanical Endurance	≥10000
Electrical Endurance	≥4000
Tripping curves	B, C, D
Terminal center distance	45mm
Protction Class	IP20
Standard	IEC60898 -1、GB/T10963.1;
Certification	CE · CB · CCC DEKRA Certified

Tripping Characteristics (Reference Temperature: 30°C)

Item	Tripping Curve	Test Current (A)	Initial Status	Time limit for tripping or non-tripping	Expected result	Remarks
a	B, C, D	1.13In	Cold	t ≤ 1h	Non-tripping	Current smoothly rises to specified value within 5s
b	B, C, D	1.45In	Following item a test	t < 1h	Tripping	
c	B, C, D	2.55In	Cold	1s < t < 60s (In ≤ 32A) 1s < t < 120s (In > 32A)	Tripping	
d	B	3In	Cold	t ≤ 0.1s	Non-tripping	Switch on the power supply by closing the auxiliary switch
	C	5In				
	D	10In				
e	B	5In	Cold	t < 0.1s	Tripping	Switch on the power supply by closing the auxiliary switch
	C	10In				
	D	20In				

Note: The term "cold" means that the test is carried out at a reference calibration temperature without load before the test.

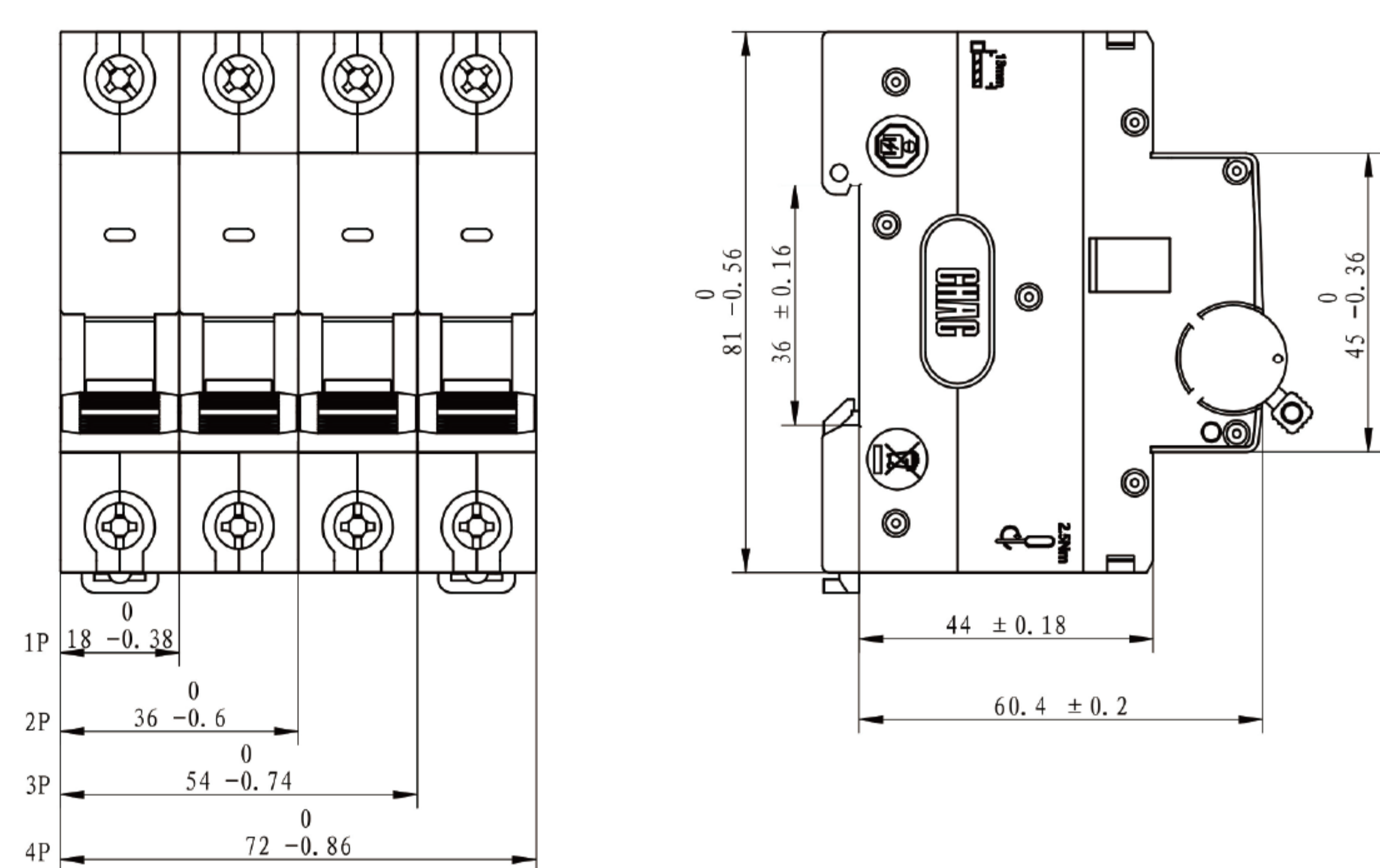
Tripping curves



Conductor requirements and cross section

Copper cross-section(mm²)	Rated current In(A)
1	In≤6
1.5	6 < In≤13
2.5	13 < In≤20
4	20 < In≤25
6	25 < In≤32
10	32 < In≤50
16	50 < In≤63

Dimensions(mm)



Ordering Specification

Please specify the following when ordering:

- 1.Product Model: PXB6H-63
- 2.Number of Poles: 1P+N, 2P, 3P, 3P+N, 4P
- 3.Rated Current & Tripping Curve: [e.g., C/16A]

- Tripping Curve (Type): B, C, D
- Rated Current (In): 0.5, 1, 1.6, 2, 2.5, 3, 4, 5, 6, 8, 10, 13, 16, 20, 25, 32, 40, 50, 63A

4.Quantity: [e.g., 100 pcs]

Ordering Example:

PXB6H-63 2P C/16A 100 pcs

Optional versions are available to meet IEC 60947-2 and GB/T 14048.2 requirements for industrial applications.

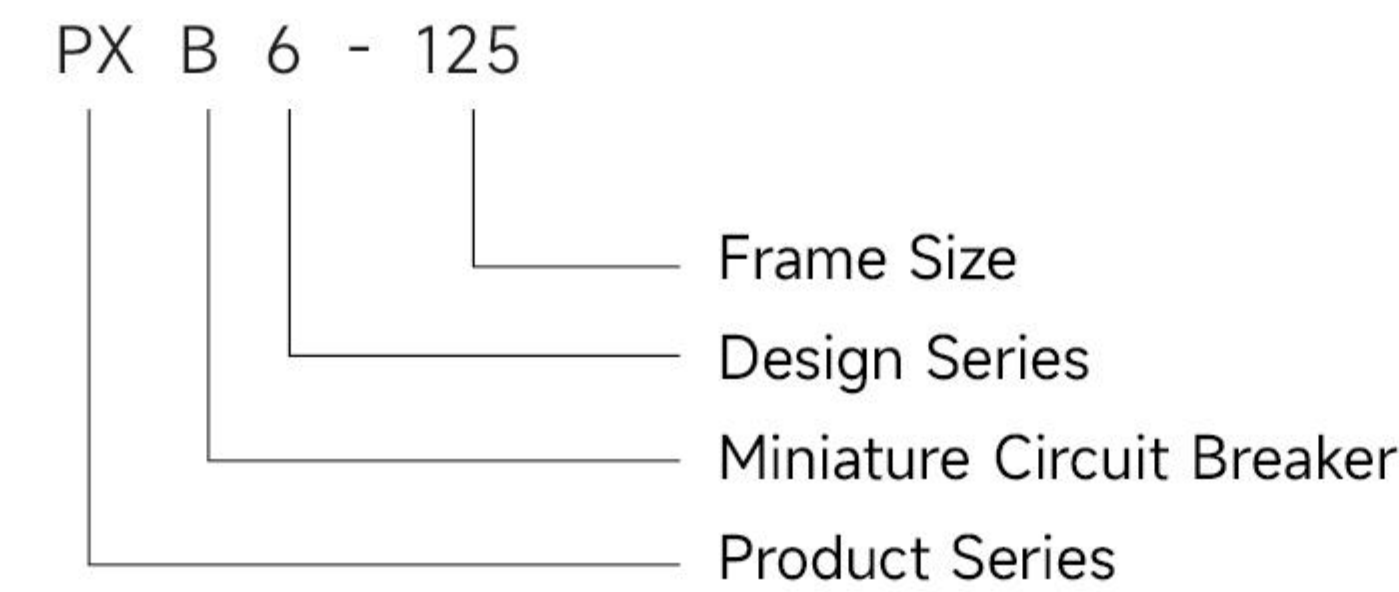
PXB6-125
Miniature Circuit Breaker



Product Features

- High Rated Current - Rated current up to 125A for heavy-load applications.
- High Breaking Capacity - Ultimate breaking capacity of 10000A ensures reliability.
- Overload and Short-Circuit Protection - Comprehensive protection for distribution lines.
- Industrial and Commercial Use - Widely used in industrial and commercial settings.

Type designation



Technical Specifications

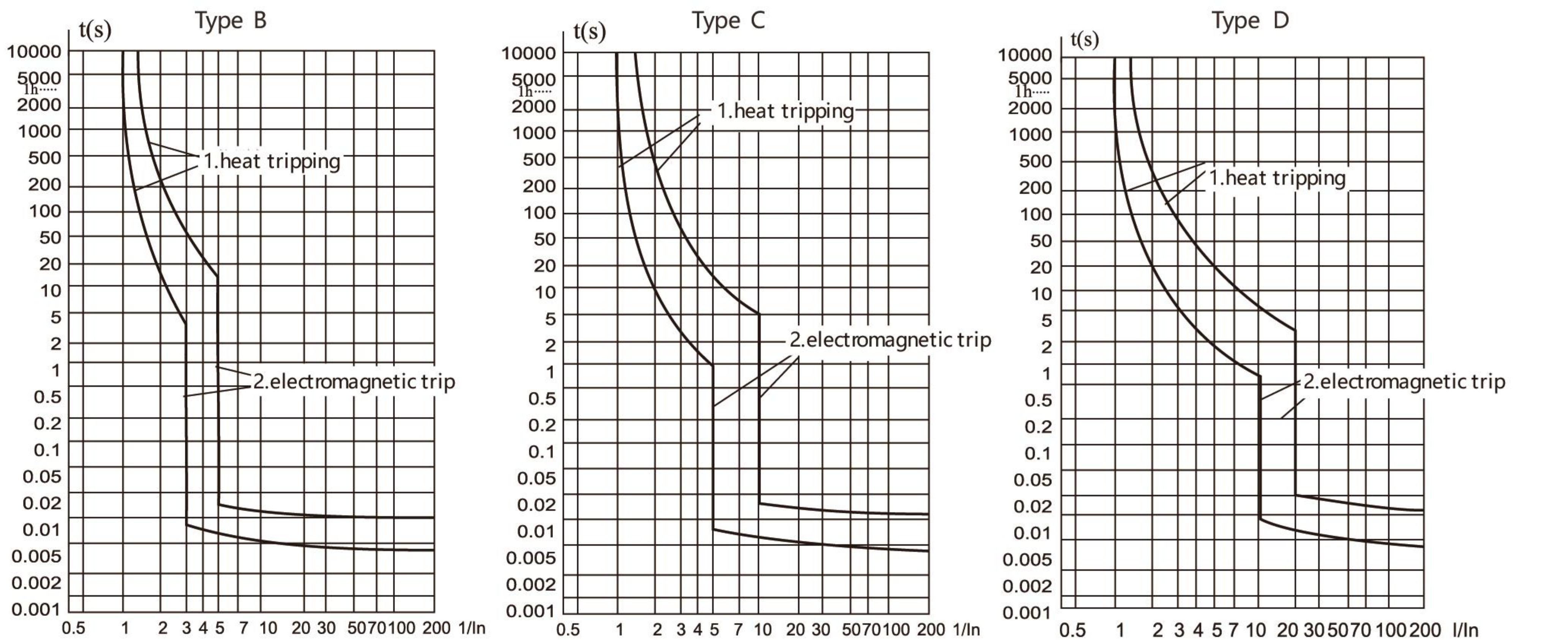
Parameter	
Rated Voltage (V)	1P 240/415V、1P+N 240V、2P, 3P, 3P+N, 4P 415V
Rated Impulse Withstand Voltage, Uimp (V)	6000V
Rated Current (A)	10, 16, 20, 25, 32, 40, 50, 63, 80, 100, 125A
Rated Frequency	50/60Hz
Number of Poles	1P, 1P+N, 2P, 3P, 3P+N, 4P
Rated Ultimate Short-Circuit Breaking Capacity, Icn (A)	10000A
Rated Service Short-Circuit Breaking Capacity, Ics (A)	7500A
Mechanical Endurance	≥10000
Electrical Endurance	≥4000
Tripping curves	B, C, D
Protction Class	IP20
Installation Category	II&III
Standard	IEC60898 -1、GB/T10963.1
Certification	CE · CB · CCC DEKRA Certified

Tripping Characteristics (Reference Temperature: 30°C)

Item	Tripping Curve	Test Current (A)	Initial Status	Time limit for tripping or non-tripping	Expected result	Remarks
a	B, C, D	1.13In	Cold	t ≤ 1h	Non-tripping	Current smoothly rises to specified value within 5s
b	B, C, D	1.45In	Following item a test	t < 1h	Tripping	
c	B, C, D	2.55In	Cold	1s < t < 60s (In ≤ 32A) 1s < t < 120s (In > 32A)	Tripping	
d	B	3In	Cold	t ≤ 0.1s	Non-tripping	Switch on the power supply by closing the auxiliary switch
	C	5In				
	D	10In				
e	B	5In	Cold	t < 0.1s	Tripping	Switch on the power supply by closing the auxiliary switch
	C	10In				
	D	20In				

Note: The term "cold" means that the test is carried out at a reference calibration temperature without load before the test.

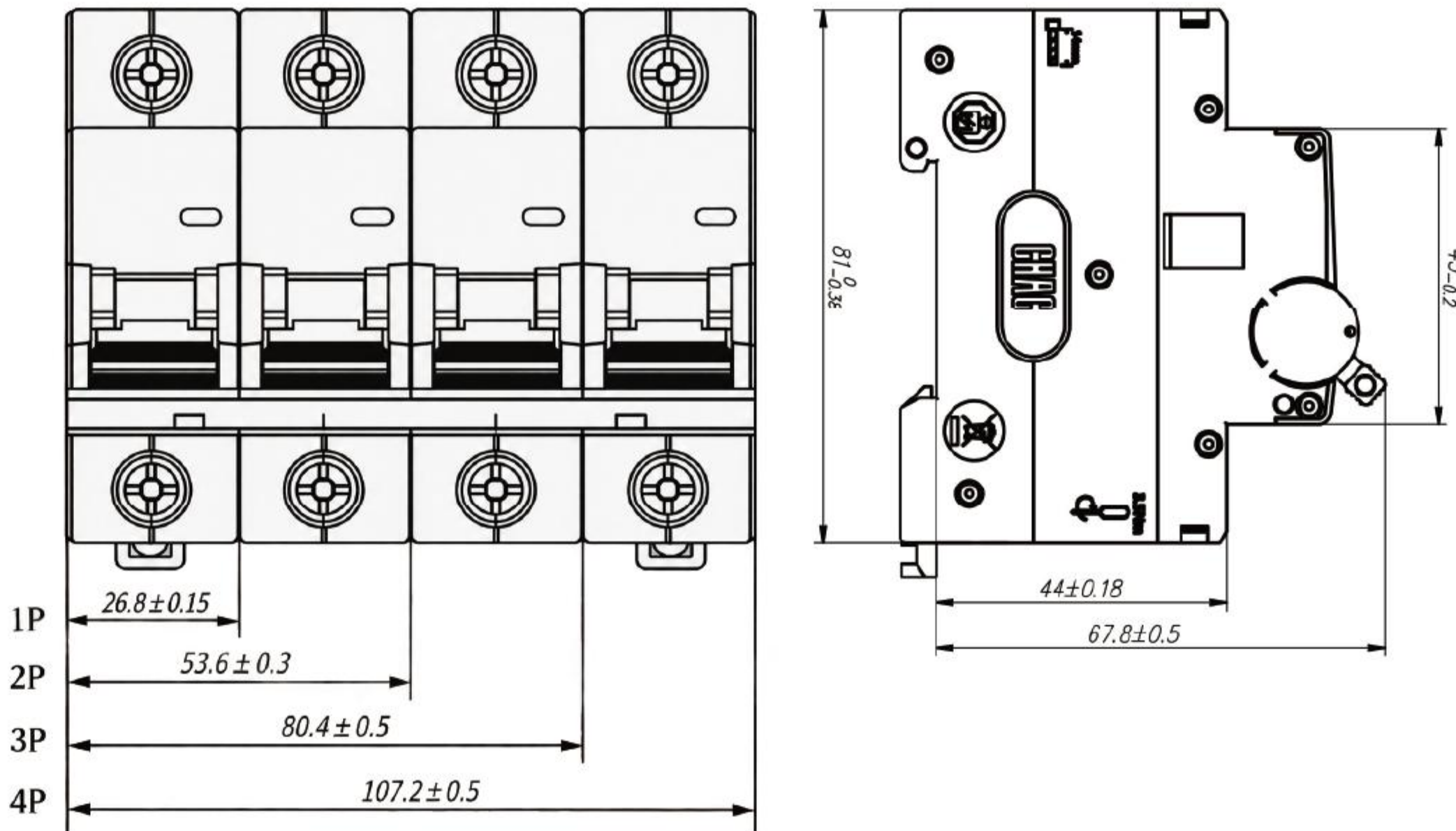
Tripping curves



Conductor requirements and cross section

Copper cross-section(mm²)	Rated current In(A)
1	In≤6
1.5	6 < In≤13
2.5	13 < In≤20
4	20 < In≤25
6	25 < In≤32
10	32 < In≤50
16	50 < In≤63
25	65<In≤80
35	80<In≤100
50	100<In≤125

Dimensions(mm)



Ordering Specification

Please specify the following when ordering:

- Product Model: PXB6-125
 - Number of Poles: 1P, 1P+N, 2P, 3P, 3P+N, 4P
 - Rated Current & Tripping Curve: e.g., C/32A
 - Tripping Curve (Type): B, C, D
 - Rated Current (In): 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A, 80A, 100A, 125A
 - Quantity: e.g., 100 pcs
- Ordering Example:
PXB6-125 3P D/63A 100 pcs

Optional versions are available to meet IEC 60947-2 and GB/T 14048.2 requirements for industrial applications.

PXB6DC-63M

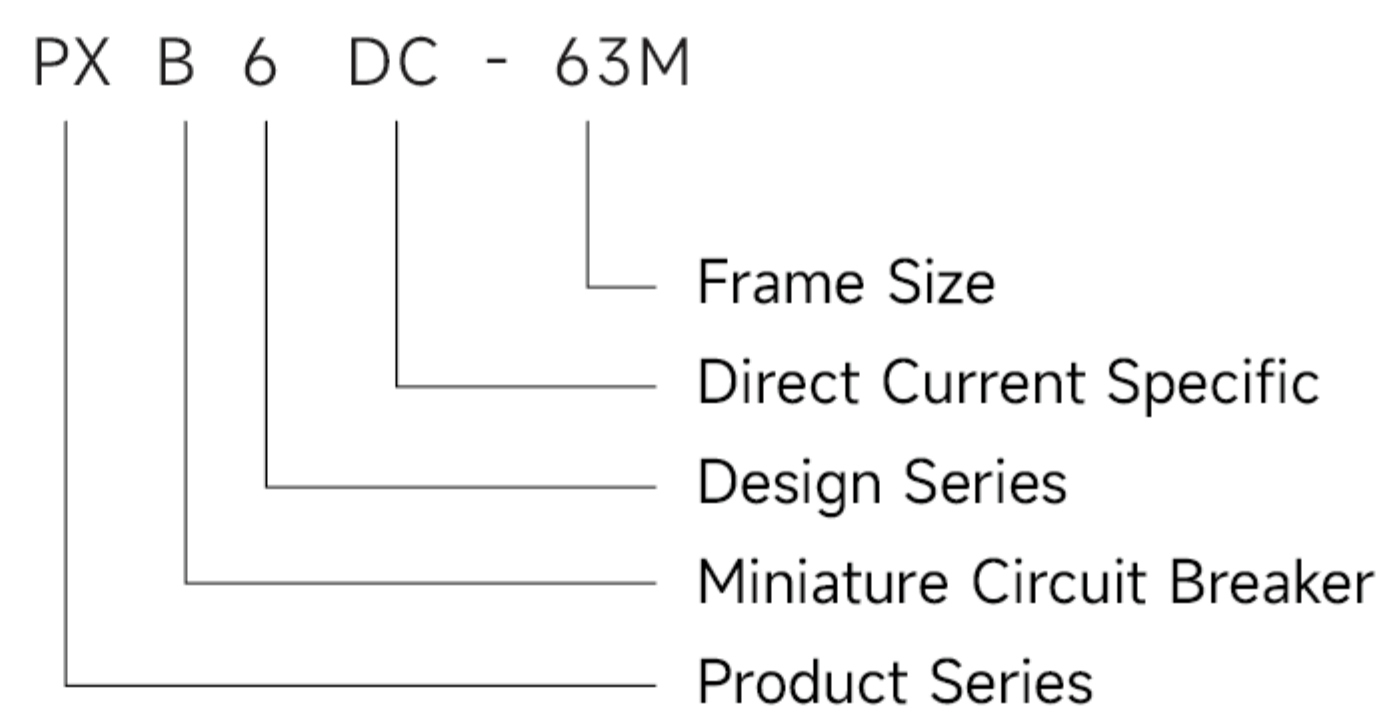
DC Miniature Circuit Breaker



Product Features

- Breaking capacity up to 10 kA for reliable short-circuit protection.
- Rated current range from 0.5 A to 63 A.
- Available in 1P, 2P, 3P and 4P configurations.
- Mechanical endurance over 10,000 operations.

Type designation



Technical Specifications

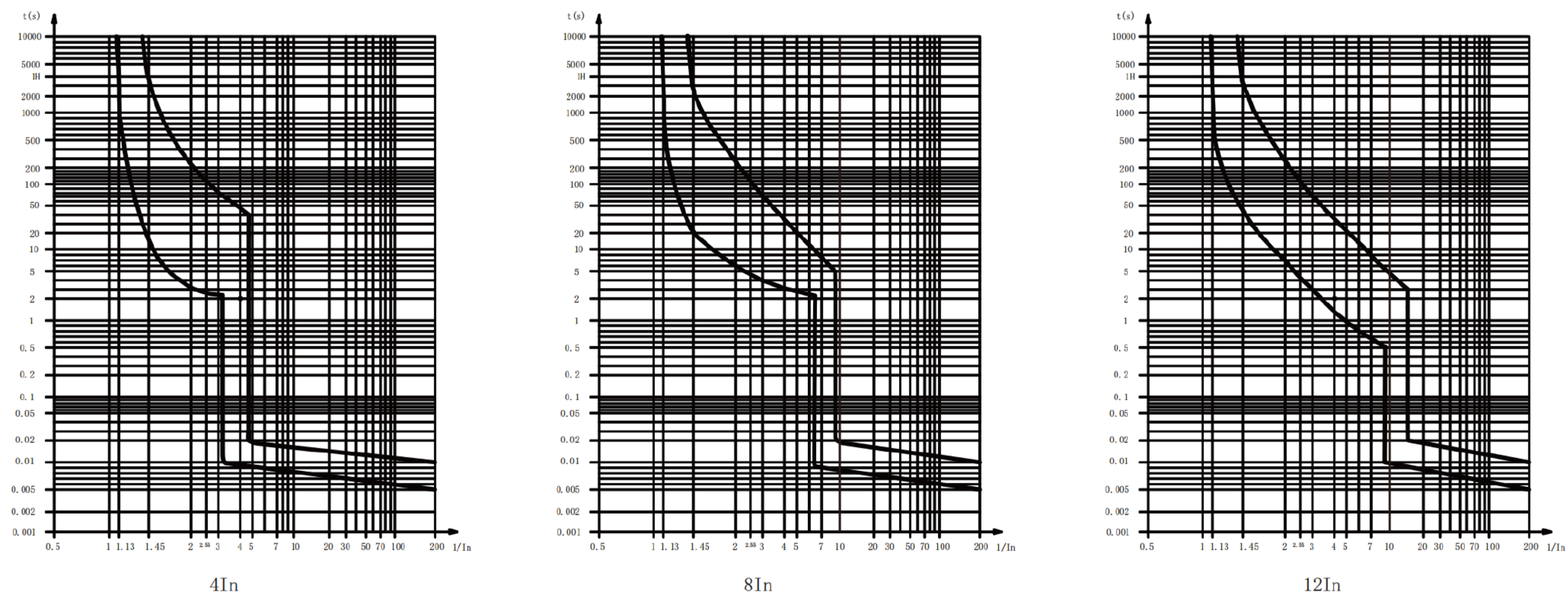
Parameter	
Rated Voltage (V)	1P DC 125V 2P DC 250V 3P DC 375V 4P DC 500V
Rated Current (A)	0.5, 1, 1.6, 2, 2.5, 3, 4, 5, 6, 8, 10, 13, 16, 20, 25, 32, 40, 50, 63A
Rated Insulation Voltage (Ui)	500V
Ultimate Breaking Capacity (Icu) (kA)	10
Service Breaking Capacity (Ics) (kA)	7.5
Number of Poles	1P, 2P, 3P, 4P
Mechanical Endurance	≥10000
Electrical Endurance	≥1500
Termination Capacity	≤25mm²
Tightening Torque (N·m)	2.5
Protction Class	IP20
Standard	GB/T14048.2 、 IEC60947-2
Certification	CE · CB · CCC DEKRA Certified

Tripping Characteristics (Reference Temperature: 30°C)

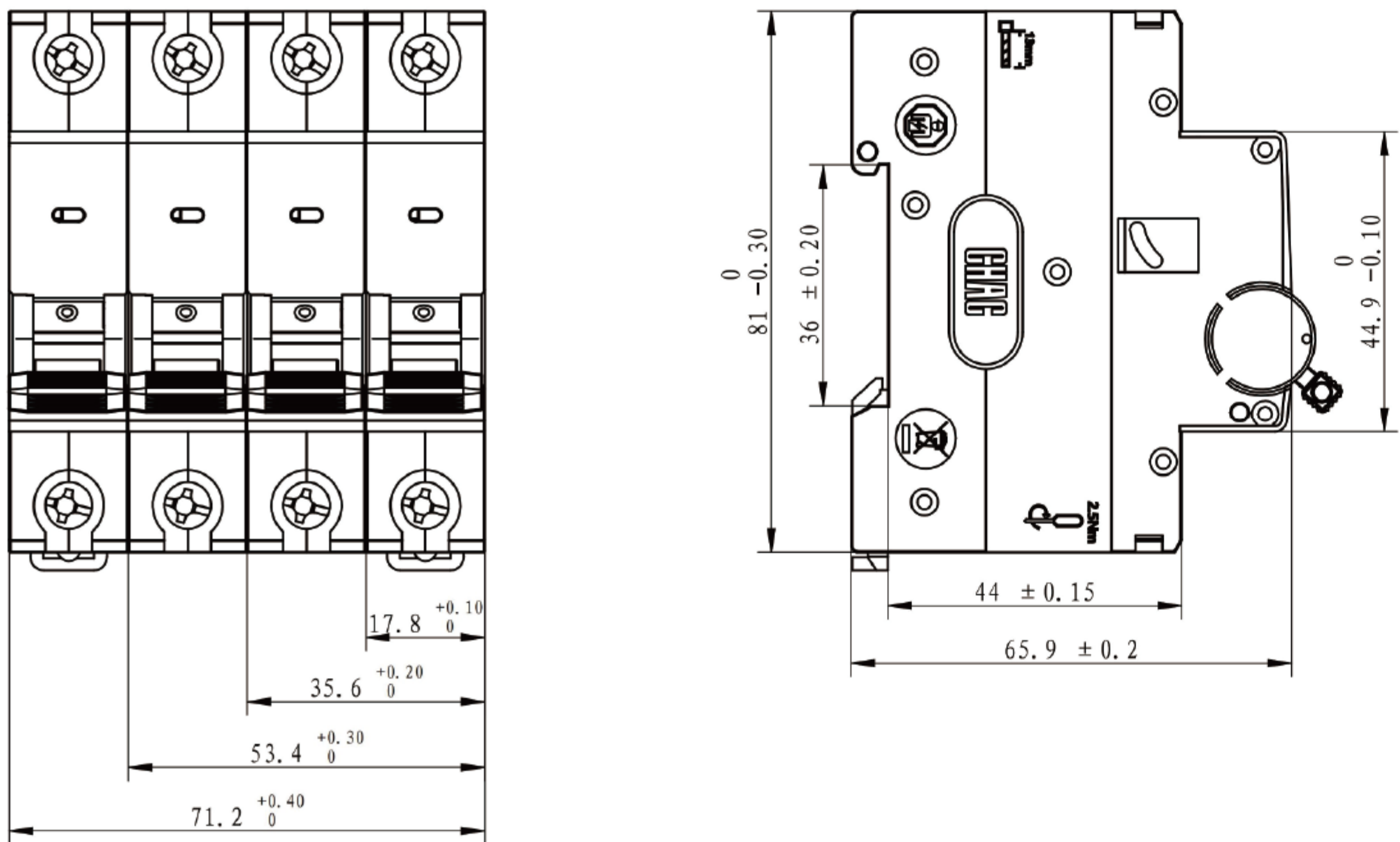
Item	Test Current (A)	Initial Status	Time limit for tripping or non-tripping	Expected result	Remarks
a	1.05In	Cold	t ≤ 1h	Non-tripping	Current smoothly rises to specified value within 5s
b	1.3In	Following item a test	t < 1h	Tripping	
c	2.55In	Cold	1s < t < 60s (In ≤ 32A) 1s < t < 120s (In > 32A)	Tripping	
d	4In、8In、12In (±20%)	Cold	t ≤ 0.2s	Tripping	Circuit switched on by closing an auxiliary switch. Verifies rapid breaking capability.

Note: The term "cold" means that the test is carried out at a reference calibration temperature without load before the test.

Tripping curves



Dimensions(mm)



Ordering Specification

Please specify the following when ordering:

- 1.Product Model: PXB6DC-63M
- 2.Number of Poles: 1P, 2P, 3P, 4P
- 3.Rated Current & Tripping Curve: [e.g., 16A]
 - Rated Current (In): 0.5, 1, 1.6, 2, 2.5, 3, 4, 5, 6, 8, 10, 13, 16, 20, 25, 32, 40, 50, 63A
- 5.Quantity: [e.g., 100 pcs]

Ordering Example:

PXB6DC-63M 2P 16A 100 pcs

PXB6HDC-63

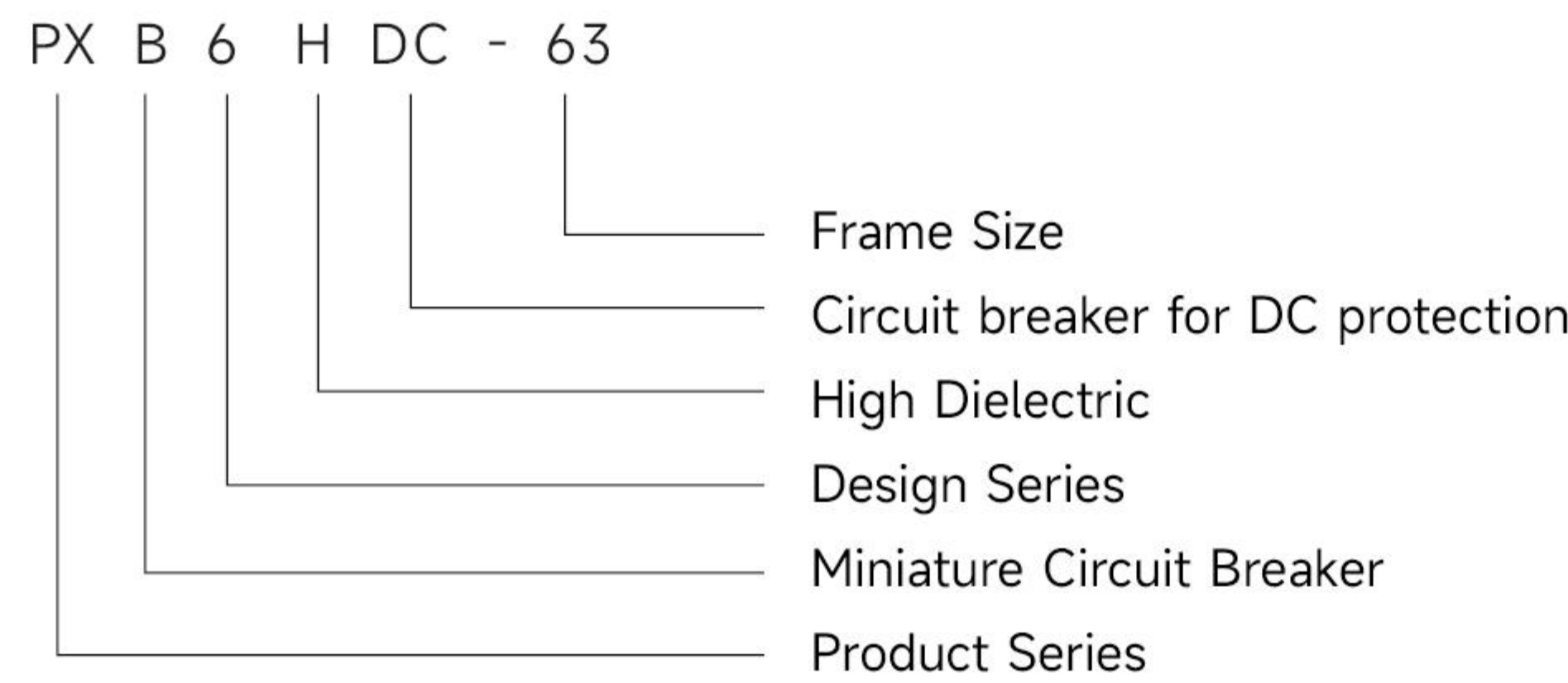
DC Miniature Circuit Breaker



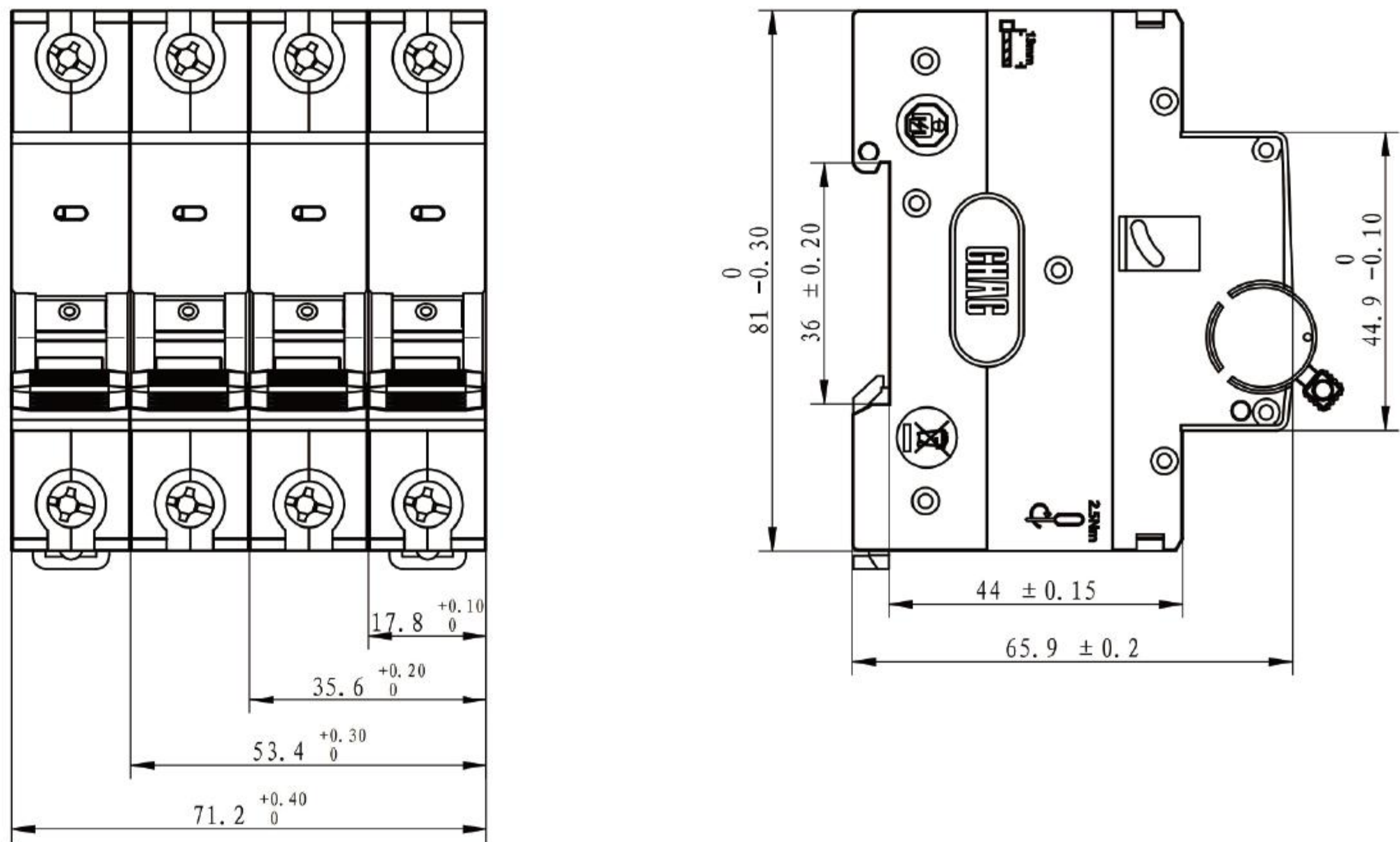
Product Features

- DC Specialized - Specifically designed for DC circuits with a rated voltage up to 1000V.
- Wide Current Range - Comprehensive rated currents from 1A to 63A to meet diverse application needs.
- High Environmental Endurance - Operational temperature range from -25°C to +70°C, suitable for harsh conditions.

Type designation



Dimensions(mm)



Ordering Specification

Please specify the following when ordering:

- 1.Product Model: PXB6HDC-63
 - 2.Number of Poles: 1P, 2P,
 - 3.Rated Current : [e.g., 16A]
 - Rated Current (In): 1, 1.6, 2, 2.5, 3, 4, 5, 6, 8, 10, 13, 16, 20, 25, 32, 40, 50, 63A
 - 5.Quantity: [e.g., 100 pcs]
- Ordering Example:
PXB6HDC-63 2P 16A 100 pcs

Technical Specifications

Parameter	
Rated Voltage (V)	1P DC250V 、 2P DC500V
Rated Current (A)	1, 1.6, 2, 2.5, 3, 4, 5, 6, 8, 10, 13, 16, 20, 25, 32, 40, 50, 63
Rated Insulation Voltage (Ui)	1000V
Number of Poles	1P, 2P
Service Breaking Capacity (Ics) (kA)	6
Mechanical Endurance	≥ 10,000 operations
Electrical Endurance	≥ 1,500 operations (at rated conditions)
Termination Capacity	≤25mm²
Tightening Torque (N·m)	2.5
Protction Class	IP20
Operating Temperature	-25°C ~ +70°C
Standard	IEC60898-2、GB/T 10963.2;
Certification	CE · CB · CCC DEKRA Certified

Tripping Characteristics (Reference Temperature: 30°C)

Test No.	Type	AC Test Current	DC Test Current	Initial Condition	Tripping or Non-tripping Time Limits	Expected Result	Remarks
a	B, C	1.13 In		Cold ^a	t ≤ 1 h (In ≤ 63 A) t ≤ 2 h (In > 63 A)	Non-tripping	
b	B, C	1.45 In		Immediately after test a	t < 1 h (In ≤ 63 A) t < 2 h (In > 63 A)	Tripping	Current rises steadily within 5 s.
c	B, C	2.55 In		Cold ^a	1 s ≤ t ≤ 60 s (In ≤ 32 A) 1 s ≤ t ≤ 120 s (In > 32 A)	Tripping	
d	B	3 In	4 In	Cold ^a	0.1 s < t < 45 s (In ≤ 32 A) 0.1 s < t < 90 s (In > 32 A)	Tripping	Close the auxiliary switch and connect the power supply.
	C	5 In	7 In		0.1 s < t < 15 s (In ≤ 32 A) 0.1 s < t < 30 s (In > 32 A)		
e	B	5 In	7 In	Cold ^a	t < 0.1 s	Tripping	Close the auxiliary switch and connect the power supply.
	C	10 In	15 In				

Optional versions are available to meet IEC 60947-2 and GB/T 14048.2 requirements for industrial applications.

PXB6DC-125M

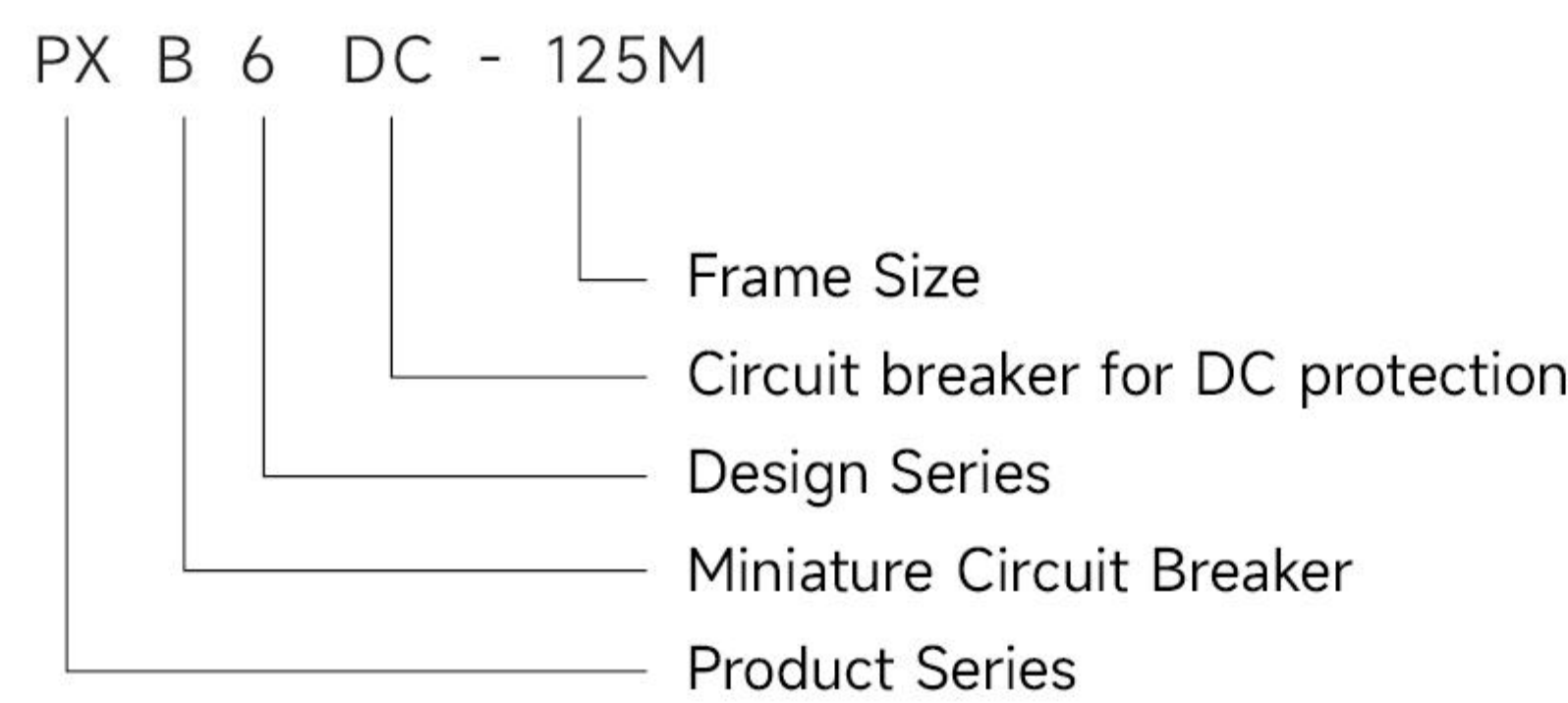
DC Miniature Circuit Breaker



Product Features

- High Dielectric Strength: Rated insulation voltage up to 500 V and 4 kV impulse withstand voltage, ensuring robust protection in demanding DC environments.
- Superior Short-Circuit Protection: High breaking capacity with an ultimate breaking capacity (Icu) of 10 kA and a service breaking capacity (Ics) of 7.5 kA.
- Wide Voltage Rating: Suitable for DC systems from 24 V up to 250 V (1P: up to 125V; 2P: up to 250V), perfect for energy storage, EV infrastructure, and telecom.

Type designation



Technical Specifications

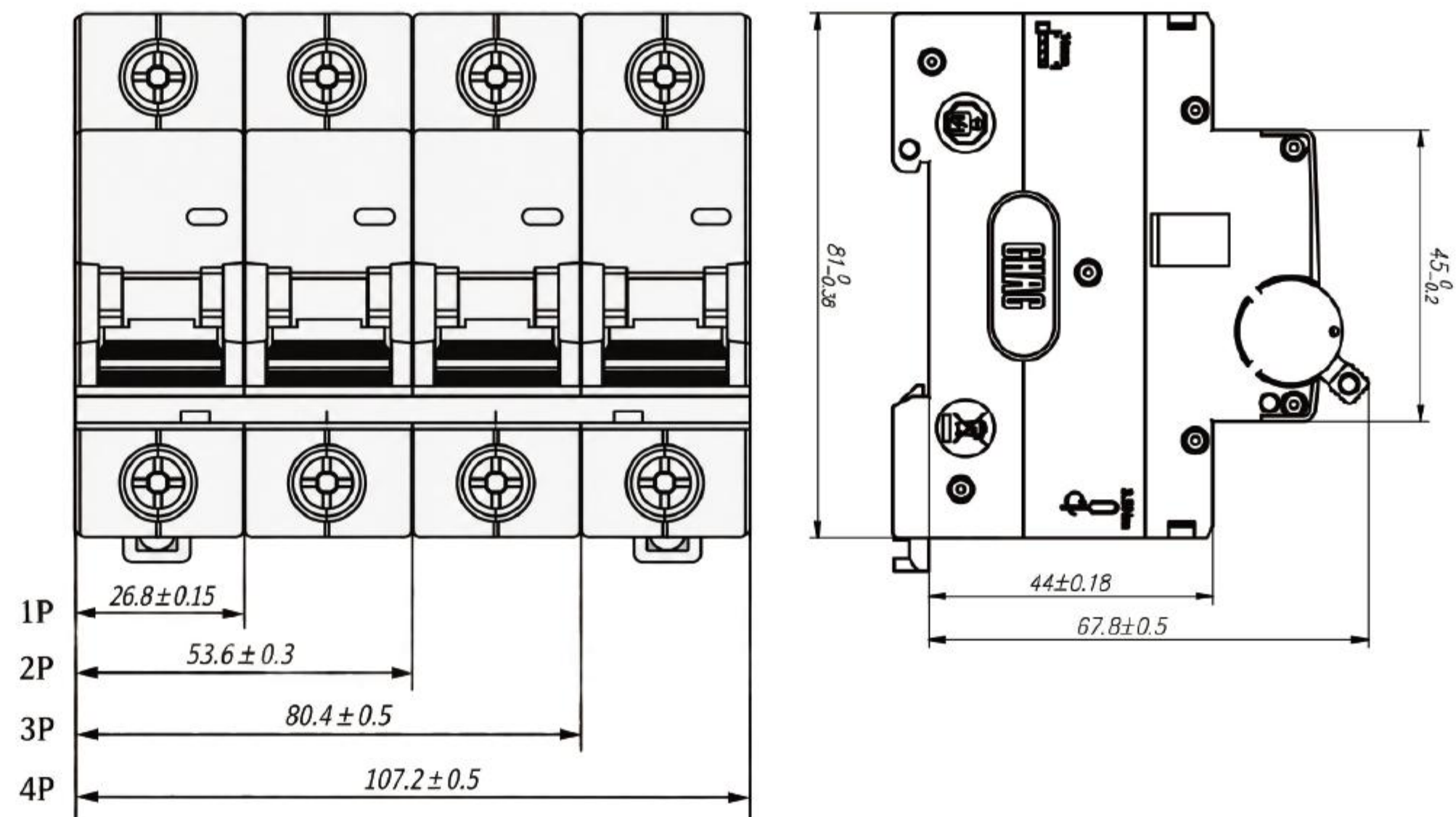
Parameter	
Rated Voltage (V)	1P DC24V/48V/80V/110V/125V 2P DC24V/48V/80V/110V/125V/160V/220V/250V
Rated Current (A)	63, 80, 100, 125
Rated Insulation Voltage (Ui)	500V
Number of Poles	1P, 2P
Rated impulse withstand voltage Uimp(kV)	4
Ultimate Breaking Capacity (Icu) (kA)	10
Service Breaking Capacity (Ics) (kA)	7.5
Mechanical Endurance	≥10000
Electrical Endurance	≥1500
Pollution Degree	3
Standard	GB/T14048.2 、 IEC60947-2
Certification	CE · CB · CCC TÜV Rheinland

Tripping Characteristics (Reference Temperature: 30°C)

Item	Test Current (A)	Initial Status	Time limit for tripping or non-tripping	Expected result	Remarks
a	1.05In	Cold	t ≤ 2h (In > 63A)	Non-tripping	Current smoothly rises to specified value within 5s
			t ≤ 1h (In ≤ 63A)		
b	1.3In	Following item a test	t < 2h (In > 63A)	Tripping	
			t < 1h (In ≤ 63A)		
c	2In	Cold	1s < t < 600s	Tripping	
d	4In、8In、12In (±20%)	Cold	t ≤ 0.2s	Tripping	Circuit switched on by closing an auxiliary switch. Verifies rapid breaking capability.

Note: The term "cold" means that the test is carried out at a reference calibration temperature without load before the test.

Dimensions(mm)



Ordering Specification

Please specify the following when ordering:

- Product Model: PXB6DC-125M
- Number of Poles: 1P, 2P
- Rated Current & Tripping Curve: [e.g., 125A]
 - Rated Current (In): 63, 80, 100, 125A
- Quantity: [e.g., 100 pcs]

Ordering Example:

PXB6DC-125M 2P 125A 100 pcs

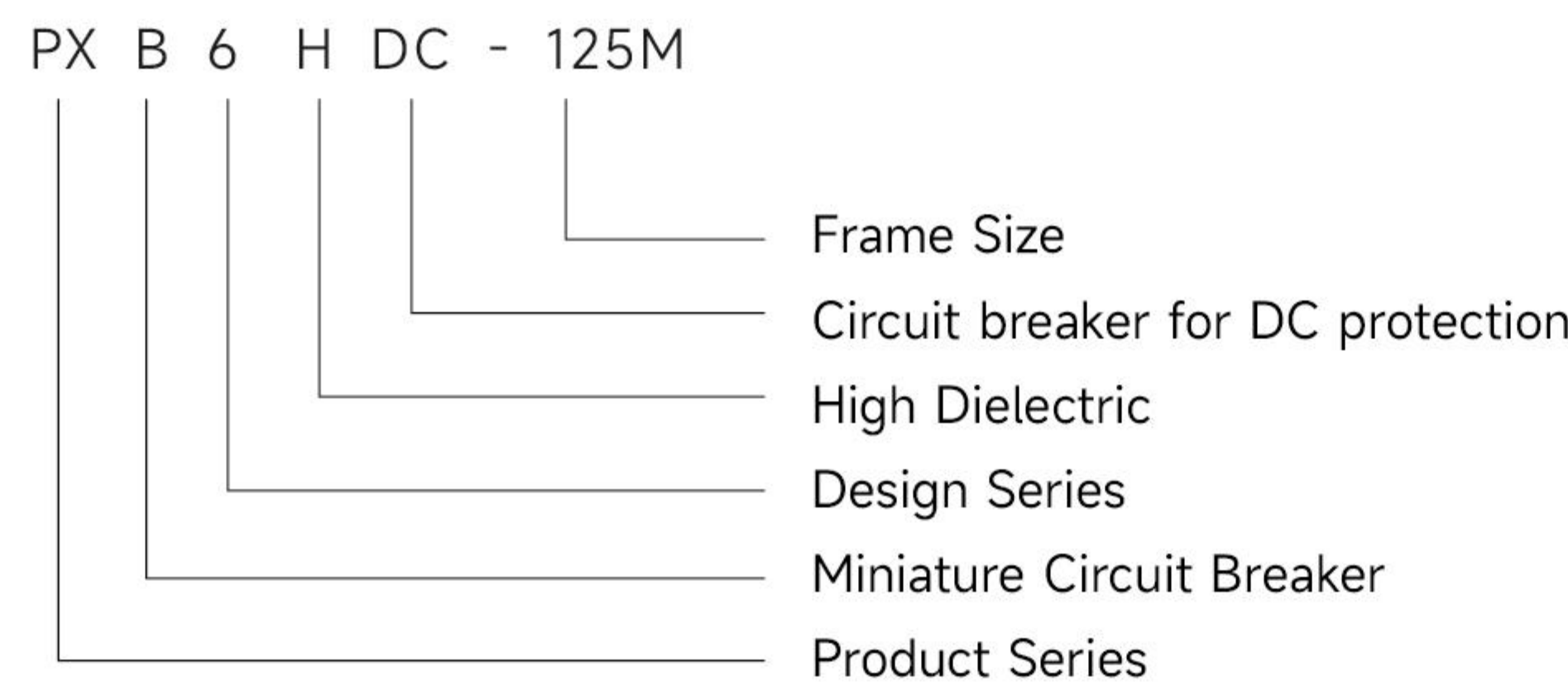
PXB6HDC-125M
DC Miniature Circuit Breaker



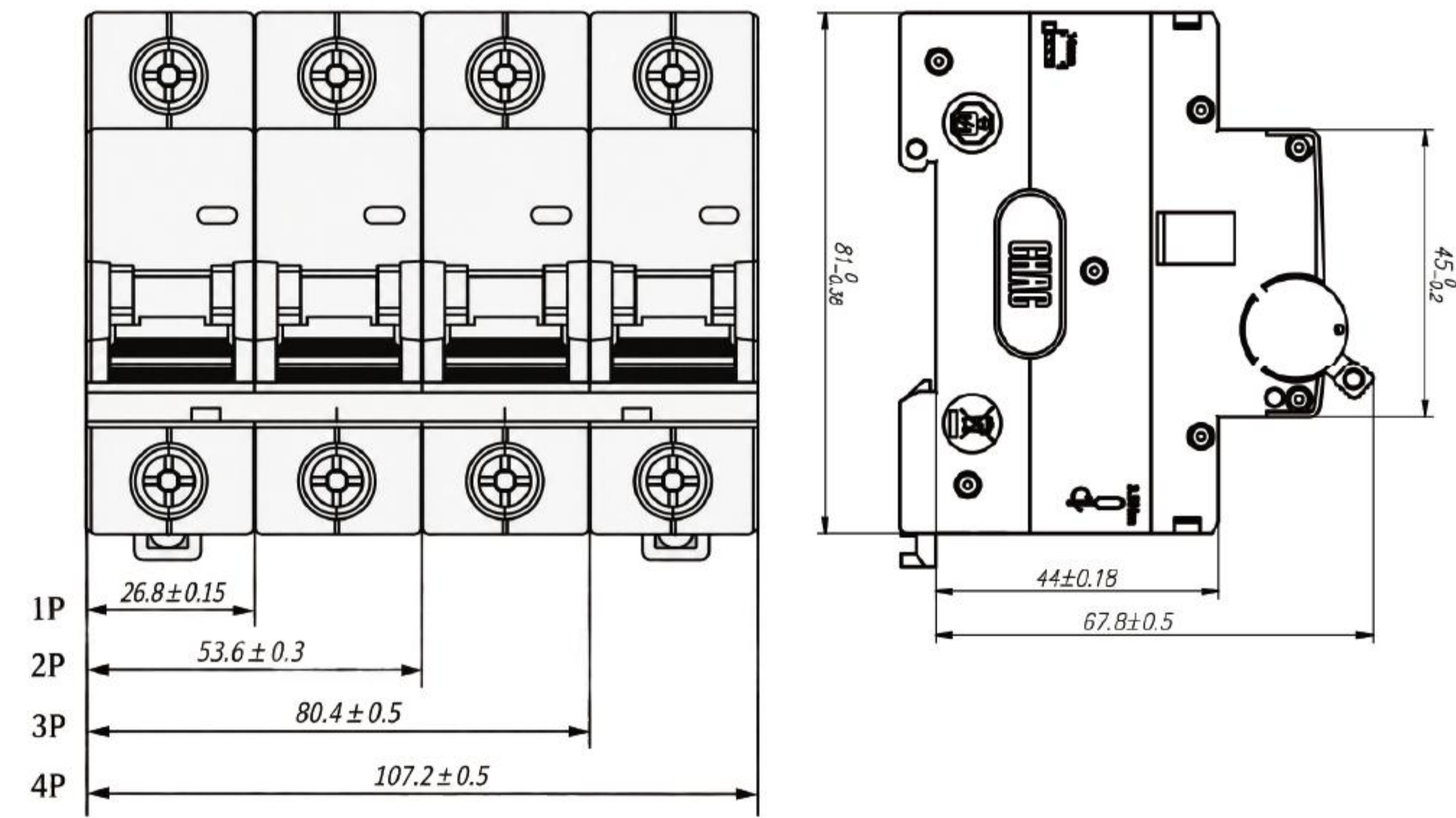
Product Features

- Configurable & Flexible: Available in 1P to 4P configurations with current ratings from 63A to 125A, allowing precise matching to your system topology and load requirements.
- High Dielectric Performance: Rated for 1000 V insulation and 6 kV impulse withstand voltage, ensuring maximum reliability under transient overvoltages.
- Broad Voltage Coverage: Supports DC systems from 250V (1P) up to 1000V (4P)

Type designation



Dimensions(mm)



Ordering Specification

Please specify the following when ordering:

- 1.Product Model: PXB6HDC-125M
 - 2.Number of Poles: 1P, 2P, 3P , 4P
 - 3.Rated Current : [e.g., 125A]
 - Rated Current (In): 63, 80, 100, 125A
 - 5.Quantity: [e.g., 100 pcs]
- Ordering Example:
PXB6HDC-125M 2P 125A 100 pcs

Technical Specifications

Parameter	
Rated Voltage (V)	1P DC250V 、 2P DC500V 、 3P DC750V 、 4P DC1000V
Rated Current (A)	63, 80, 100, 125
Rated Insulation Voltage (Ui)	1000V
Rated impulse withstand voltage Uimp(kV)	6
Number of Poles	1P, 2P, 3P, 4P
Ultimate Breaking Capacity (Icu) (kA)	6
Service Breaking Capacity (Ics) (kA)	6
Mechanical Endurance	≥ 10,000 operations
Electrical Endurance	≥ 1,000 operations (at rated conditions)
Pollution Degree	3
Protction Class	IP20
Standard	GB/T 14048.2、 IEC60947-2
Certification	CE · CB · CCC TÜV Rheinland

Tripping Characteristics (Reference Temperature: 30°C)

Item	Test Current (A)	Initial Status	Time limit for tripping or non-tripping	Expected result	Remarks
a	1.05In	Cold	t ≤ 2h (In > 63A)	Non-tripping	Current smoothly rises to specified value within 5s
			t ≤ 1h (In ≤ 63A)		
b	1.3In	Following item a test	t < 2h (In > 63A)	Tripping	
			t < 1h (In ≤ 63A)		
c	2In	Cold	1s < t < 600s	Tripping	
d	4In、 8In、 12In (±20%)	Cold	t ≤ 0.2s	Tripping	Circuit switched on by closing an auxiliary switch. Verifies rapid breaking capability.

Note: The term "cold" means that the test is carried out at a reference calibration temperature without load before the test.

PXB6L-63

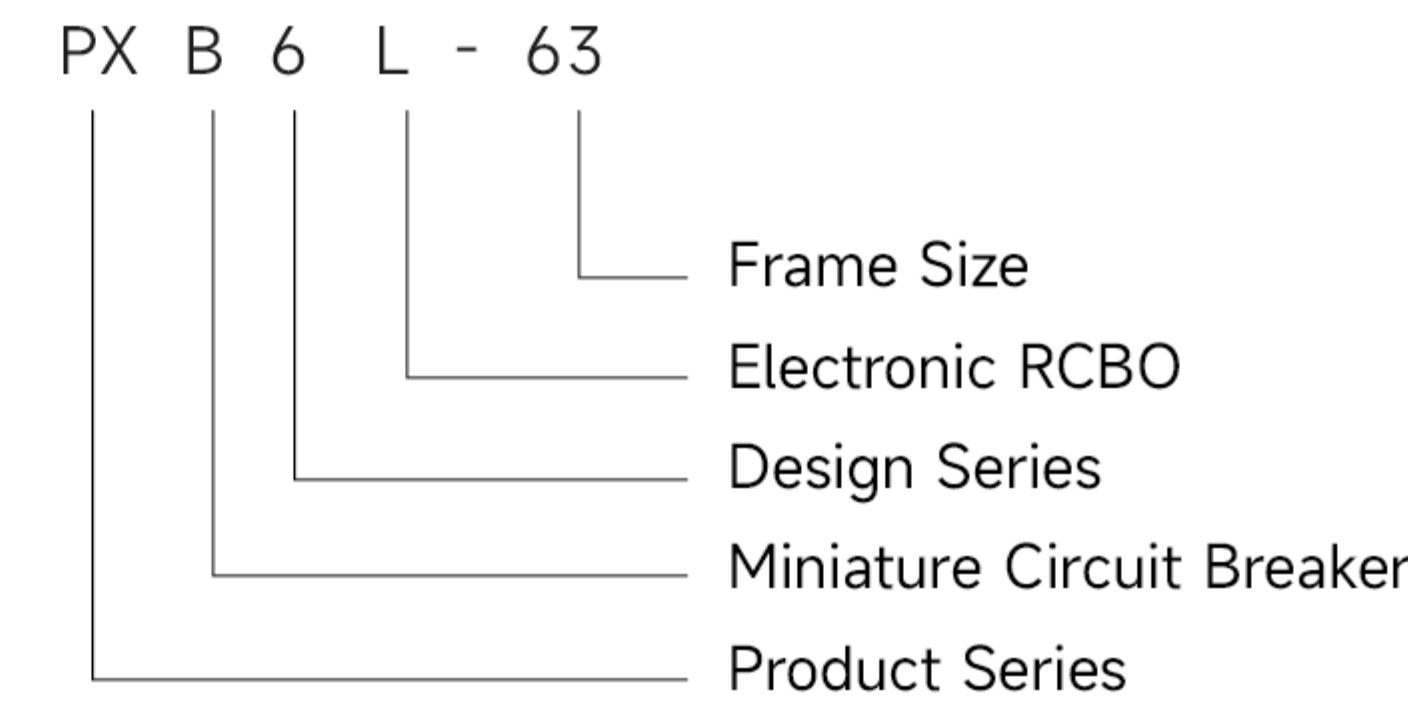
Residual Current Circuit Breaker with
Overcurrent Protection - Electronic Type



Product Features

- Earth Leakage Protection - Detects electric shock or leakage current and cuts off power rapidly.
- Overload Protection - Prevents equipment damage from circuit overload.
- Short-Circuit Protection - Responds to short-circuit faults for enhanced safety.
- Fast Response - Leakage tripping time ≤0.1s to ensure personal safety.

Type designation



Technical Specifications

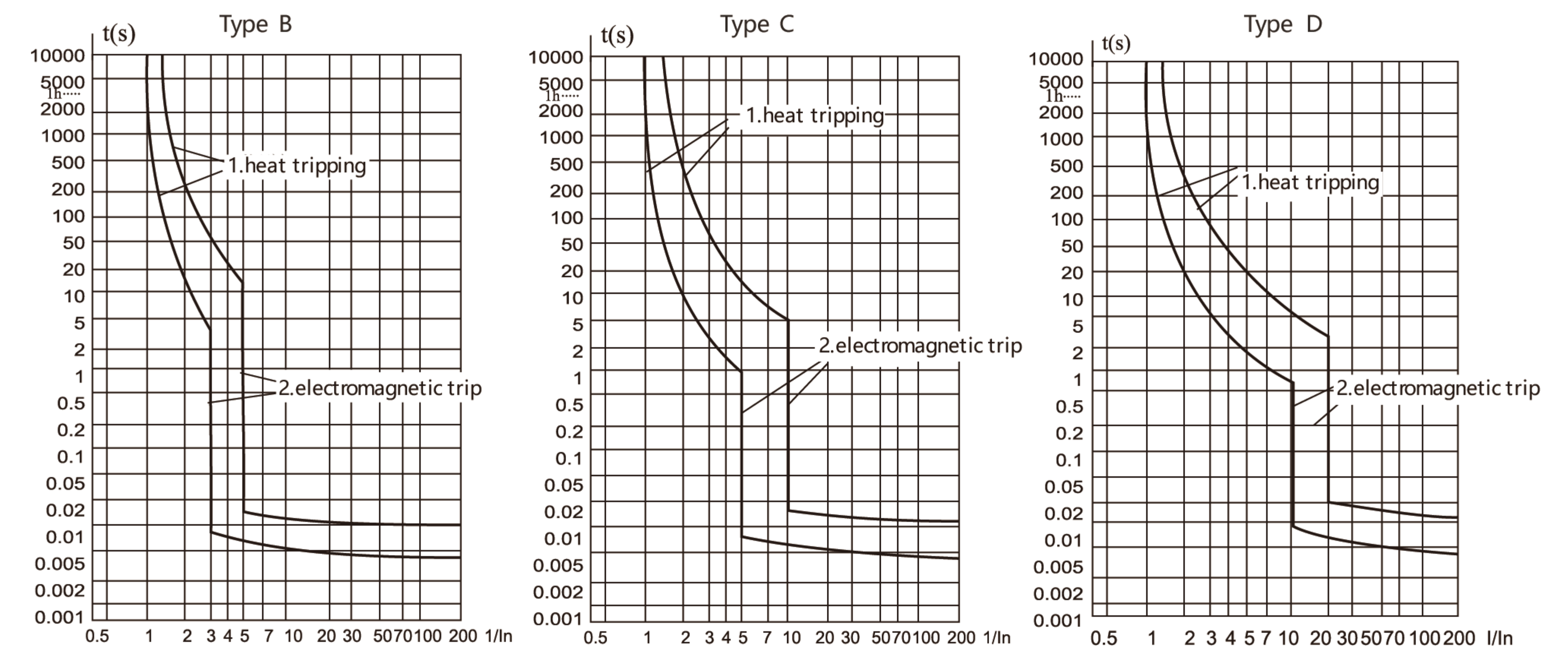
Parameter	
Rated Voltage (V)	230V~(1P+N)/400V~(3P+N)
Rated Current (A)	6、10、16、20、25、32、40、50、63
Number of Poles	1P+N,2P,3P+N,4P
Rated Short-Circuit Breaking Capacity Ics (A)	6000A
Rated Residual Operating Current IΔn (mA)	30、50、100、300
Rated Residual Non-Operating Current ΔIΔno (mA)	0.5IΔn
Rated Residual Make and Break Capacity IΔm (A)	2000A
Residual Current Tripping Threshold	≤0.1s
Residual Current Trip Type	AC Type、A Type
Mechanical Endurance	≥15000
Electrical Endurance	≥10000
Tripping curves	B 、 C 、 D
Pollution Degree	2
Protction Class	IP 20
Installation Category	III
Standards	IEC61009-1, GB/T16917 . 1
Certification	CE CB CCC

Tripping Characteristics (Reference Temperature: 30°C)

Item	Tripping Curve	Test Current (A)	Initial Status	Time limit for tripping or non-tripping	Expected result	Remarks
Delay	≤63	Cold	1.13In	≤1h	Non-tripping	
Delay	≤63	Following previous test	1.45In	<1h	Tripping	Current smoothly rises to specified value in 5s
Delay	≤32	Cold	2.55In	1<t<60s	Tripping	
Delay	>32	Cold	2.55In	1<t<120s	Tripping	
Instantaneous	Any value	Cold	3、5、10In	≤0.1s	Non-tripping	B、C、D
Instantaneous	Any value	Cold	5、10、20In	<0.1s	Tripping	B、C、D

Note: The term "cold" means that the test is carried out at a reference calibration temperature without load before the test.

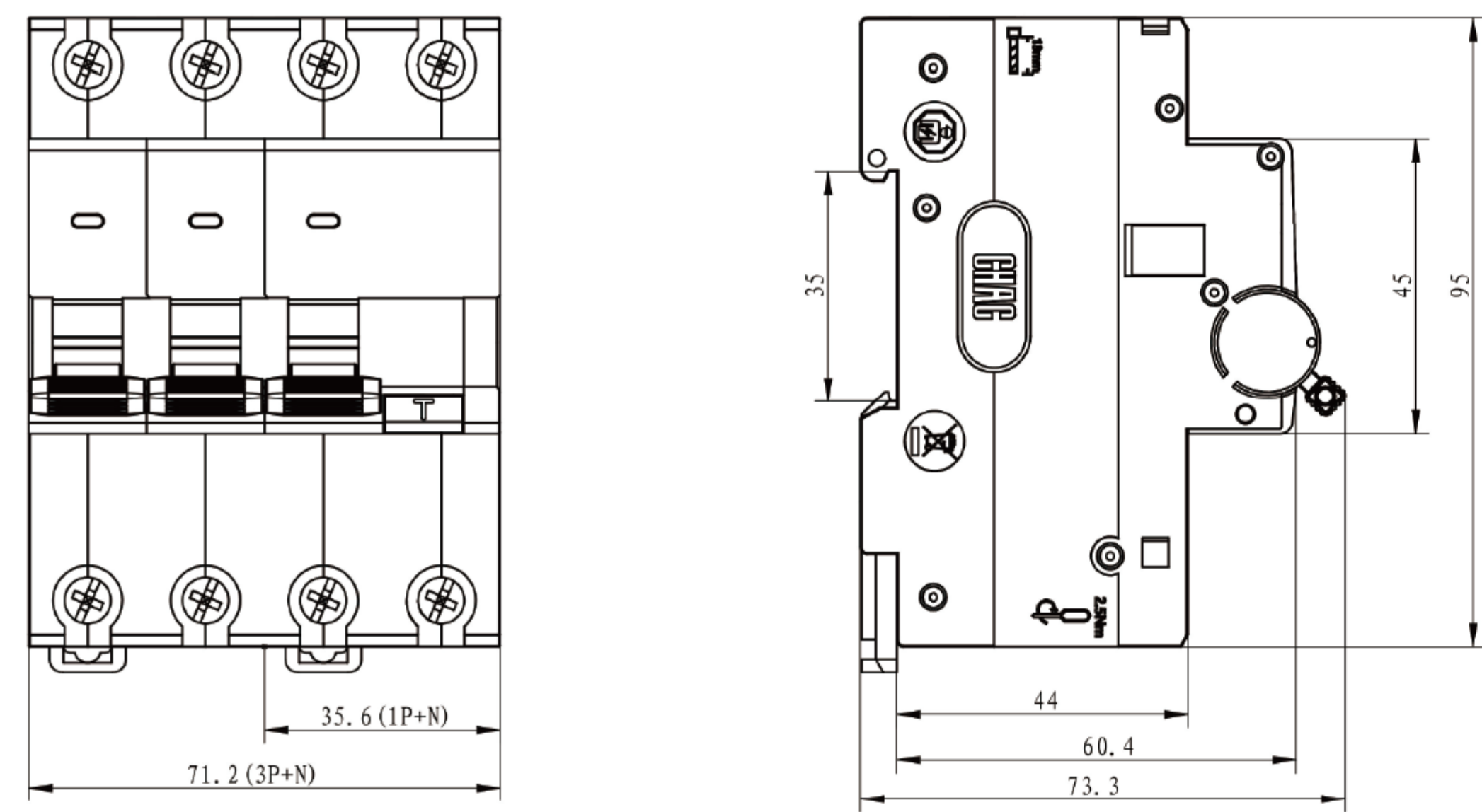
Tripping curves



Conductor requirements and cross section

Copper cross-section(mm²)	Rated current In(A)
1	In≤6
1.5	6 < In≤13
2.5	13 < In≤20
4	20 < In≤25
6	25 < In≤32
10	32 < In≤50
16	50 < In≤63

Dimensions(mm)



Ordering Specification

Please specify the following when ordering:

- Product Model: PXB6L-63
 - Number of Poles: 1P+N,2P,3P+N,4P
 - Rated Current & Tripping Curve: e.g., C/25A
 - Tripping Curve (Type): B, C, D
 - Rated Current (In): 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A
 - Residual Current Operation:
 - Residual Current Type: AC, A
 - Rated Residual Operating Current (IΔn): 30mA, 50mA, 100mA, 300mA
- Quantity: e.g., 100 pcs
- 5.Ordering Example:
PXB6L-63 1P+N C/25A 30mA AC 100 pcs

PXL6-100

Electromagnetic Residual Current Operated Circuit Breaker



Product Features

- **High-Current Range:** Industrial-grade with multiple high-rated current options up to 100A.
- **Strong Protection:** Powerful 6kA short-circuit breaking capacity for severe fault conditions.
- **Rugged & Reliable:** High mechanical life for demanding and frequent operation.
- **System Flexibility:** Available in 2P and 4P configurations for single or three-phase systems.

Type designation

PX L 6 - 100



Technical Specifications

Parameter	
Rated Voltage	230V AC(1P+N);400V AC(3P+N)
Rated Current (A)	25A、40A、63A、80A、100A
Rated Residual Operating Current	0.03A、0.1A、0.3A
Rated Residual Non-Operating Current	0.5I△n
Type of Residual Current (with DC component)	AC type、A type(In=25、40、63A)
Number of Poles	1P+N,3P+N
Rated Conditional Short-Circuit Current	6000A
Rated Conditional Residual Short-Circuit Current	6000A
Rated Making and Breaking Capacity	500A (In=25、40A) ; 10In (63、80、100A)
Rated Residual Making and Breaking Capacity	500A (In=25、40A) ; 10In (63、80、100A)
Tightening Torque	(2.5 ~ 3.0) N.m
Protction Class	IP20
Pollution Degree	2
Installation Category	II
Standards	GB 16916.1, IEC61008-1
Certification	CE CB CCC

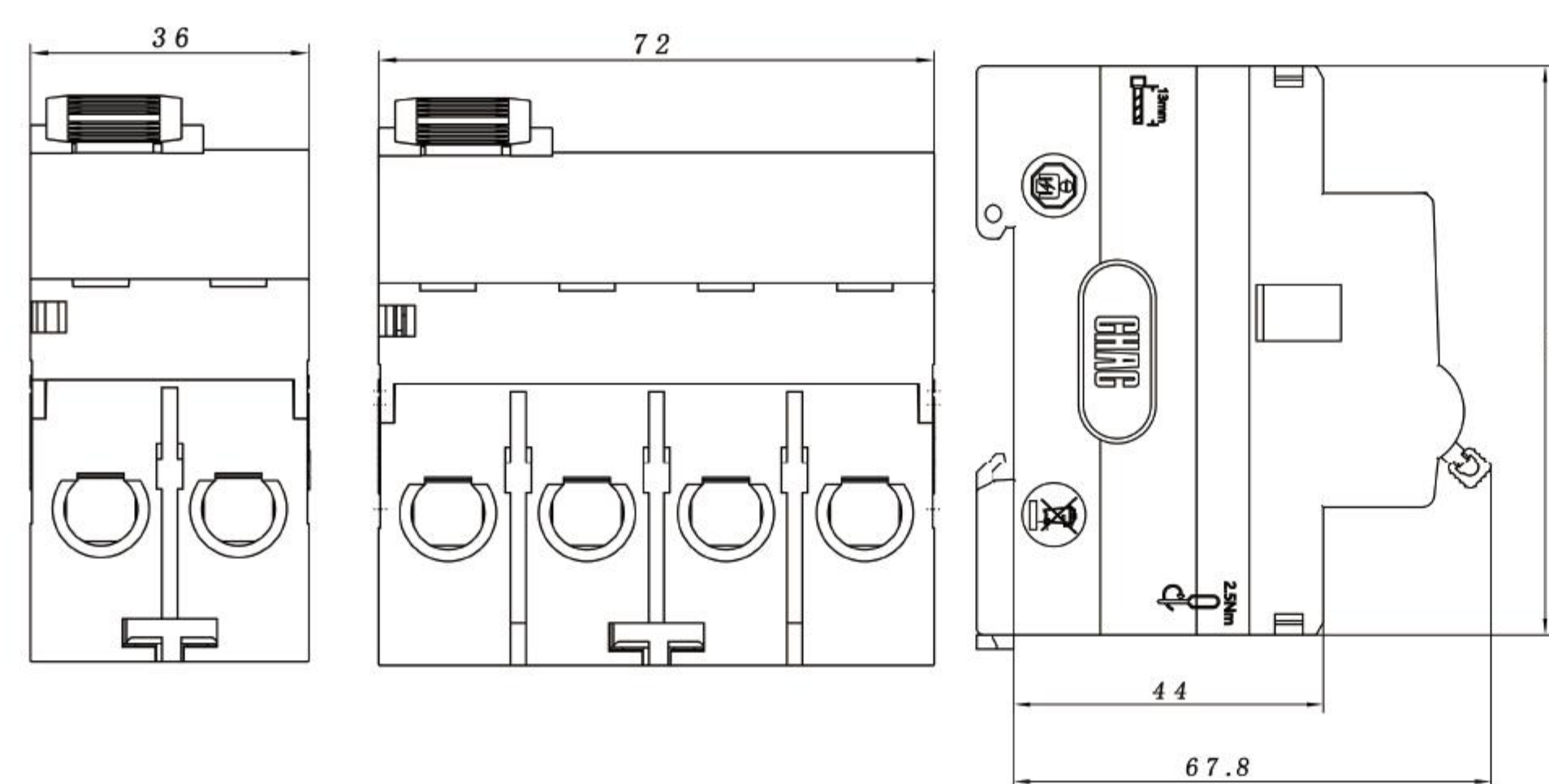
Operating time (for residual current devices)

In (A)	IΔn (A)	Breaking time when the residual current equals the following values (s)				
		IΔn	2IΔn	5IΔn	5A、10A、20A、50A、100A、200A	IΔt
25 ~ 100A	0.03、0.1、0.3	0.1	0.05	0.04	0.04	0.04

Mechanical endurance&Electrical endurance

In (A)	Number of operating cycles		Operating frequency (cycles per hour)
	Number of on-load operating cycles	Number of no-load operating cycles	
25A	2000	2000	240
40A、63A、80A、100A	2000	1000	120

Dimensions(mm)



PXD6-125

DSL Isolator

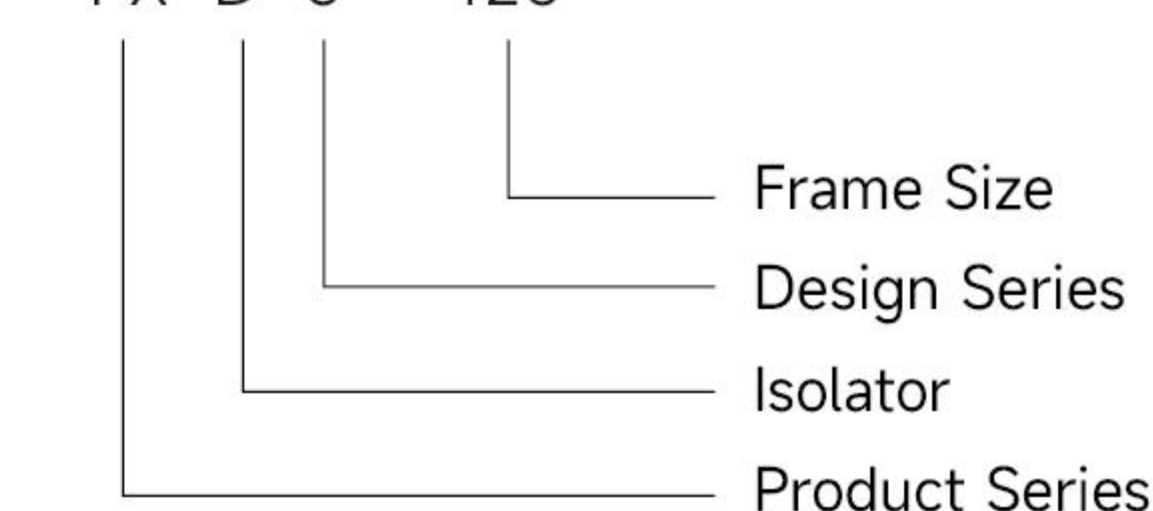


Product Features

- Electrical Isolation - Provides safe isolation with clear ON/OFF position indication.
- High Short-Time Withstand Current - Rated short-time withstand current of 12Ie for strong fault resistance.
- Main Switch Application - Suitable as a main switch in terminal assembly devices.

Type designation

PX D 6 - 125



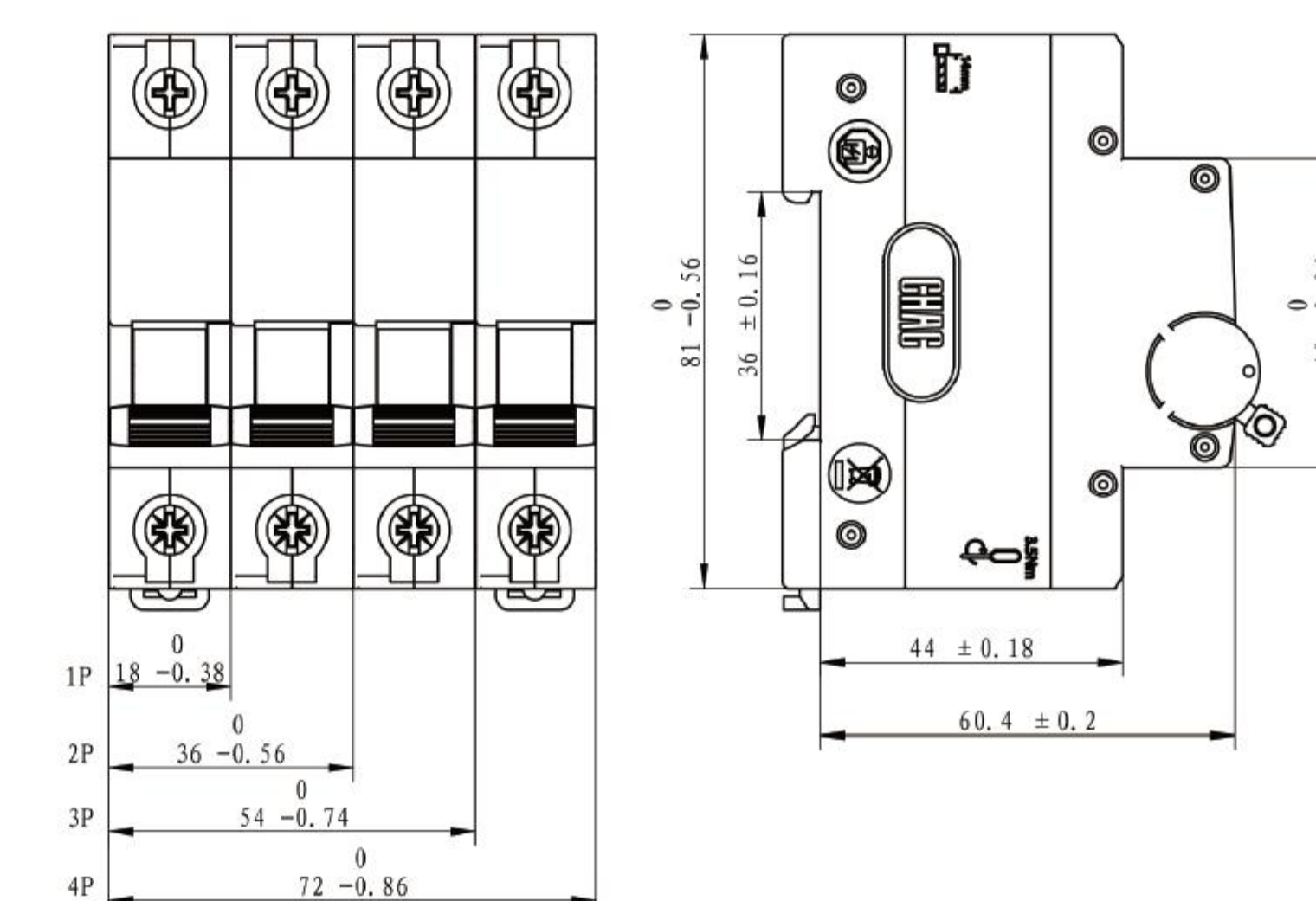
Technical Specifications

Parameter	
Rated Insulation Voltage Ui (V)	500V
Rated Operational Voltage Ue (V)	1P 240V , 2P、3P、 4P 415V
Rated Operational Current Ie (A)	32A、 40A、 50A、 63A、 80A、 100A、 125A
Number of Poles	1P 、 2P 、 3P 、 4P
Rated Short-Time Withstand Current Icw	12Ie (t=1s)
Rated Short-Circuit Making Capacity Icm	20Ie (t= 0.05s)
Rated Impulse Withstand Voltage Uimp	6000V
Rated Making and Breaking Capacity	3Ie, 1.05Ue, cosφ=0.65
Mechanical Endurance	≥8500
Electrical Endurance	≥1500
Utilization Category	AC-22A
Standard	IEC60947-3, GB/T 14048.3
Certification	CE · CB · CCC DEKRA Certified

Conductor requirements and cross section

Copper cross-section(mm²)	Rated current In(A)
6	32A
10	40A
10	50A
16	63A
25	80A
35	100A
50	125A

Dimensions(mm)



Ordering Specification

Please specify the following when ordering:

1.Product Model: PXD6-125

2.Number of Poles: 1P, 2P, 3P, 4P

3.Rated Current : [e.g., 125A]

- Rated Current (In): 32A、40A、50A、63A、80A、100A、125A

4.Quantity: [e.g., 100 pcs]

Ordering Example:

PXD6-125 2P 125A 100 pcs

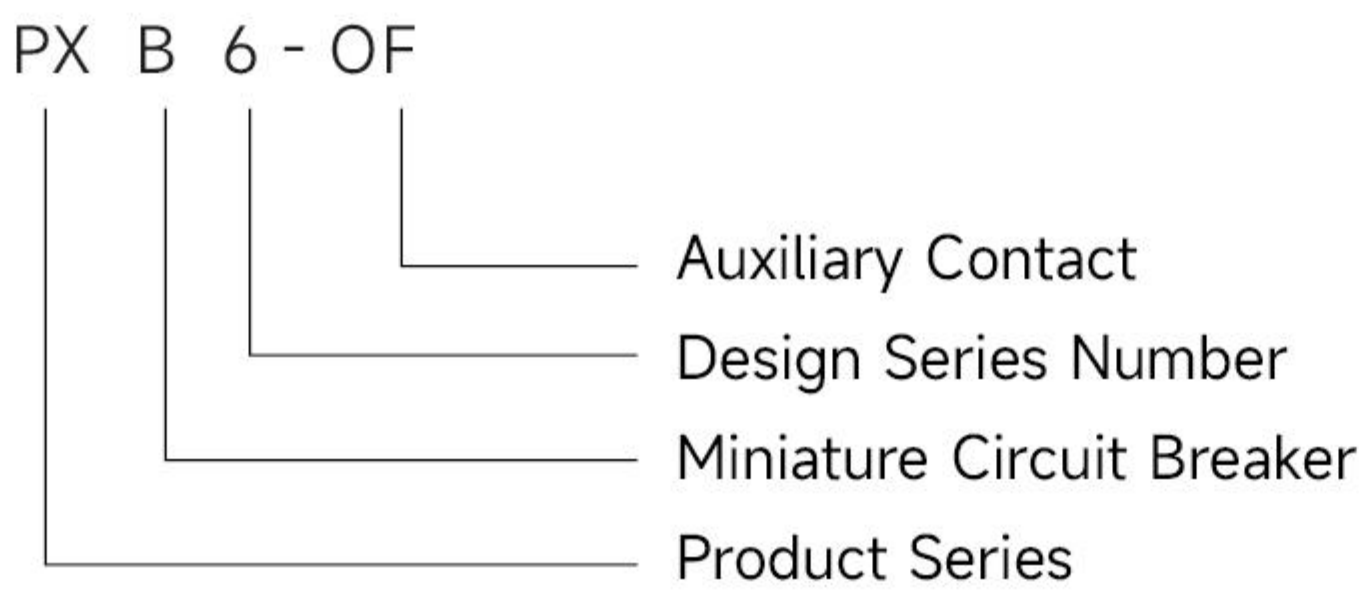
PXB6-OF
Auxiliary Contact



Product Features

- Remote Signal Indication - Mounts with the circuit breaker to provide remote ON/OFF status signals.
- High Mechanical Life - Mechanical life ≥10,000 operations for durability.
- Plug-and-Play - Easy installation with seamless integration into PXB6 breakers.

Type designation



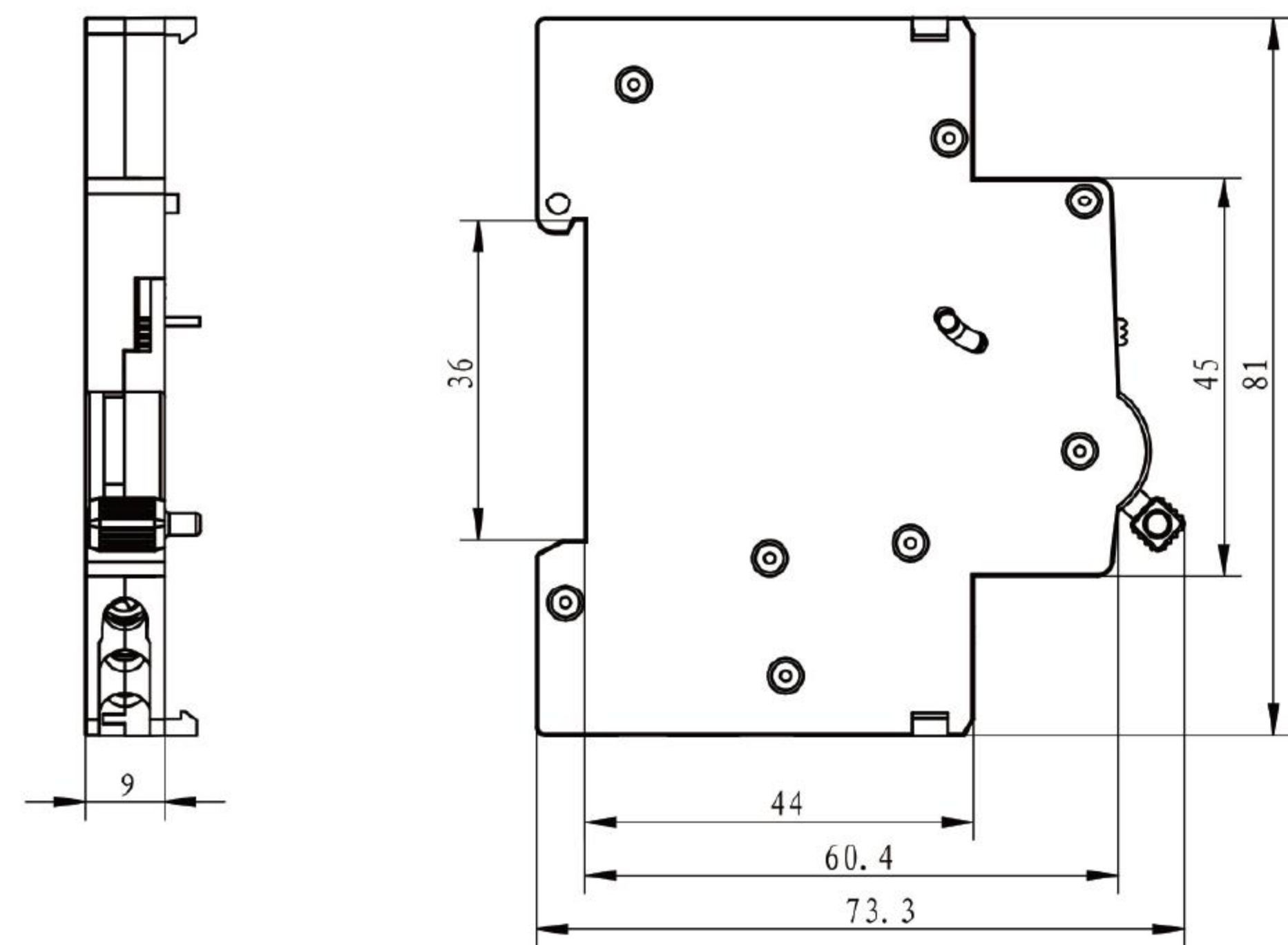
Technical Specifications

Parameter				
AC-12	Rated Operational Voltage	AC 415V	AC 240V	
	Rated operating current	3A	6A	
DC-12	Rated Operational Voltage	DC 130V	DC48V	DC24V
	Rated operating current	1A	2A	6A
Mechanical Endurance	10000			
Standards	IEC 60947-5-1			
Certification	CE · CB · CCC DEKRA Certified			

Conductor requirements and cross section

Copper cross-section(mm²)
0.5~2.5

Dimensions(mm)



Ordering Specification

Please specify the following when ordering:

- Product Model: PXB6-OF
- Quantity: [e.g.: 100 pcs]

Ordering Example:

PXB6-OF 100 pcs

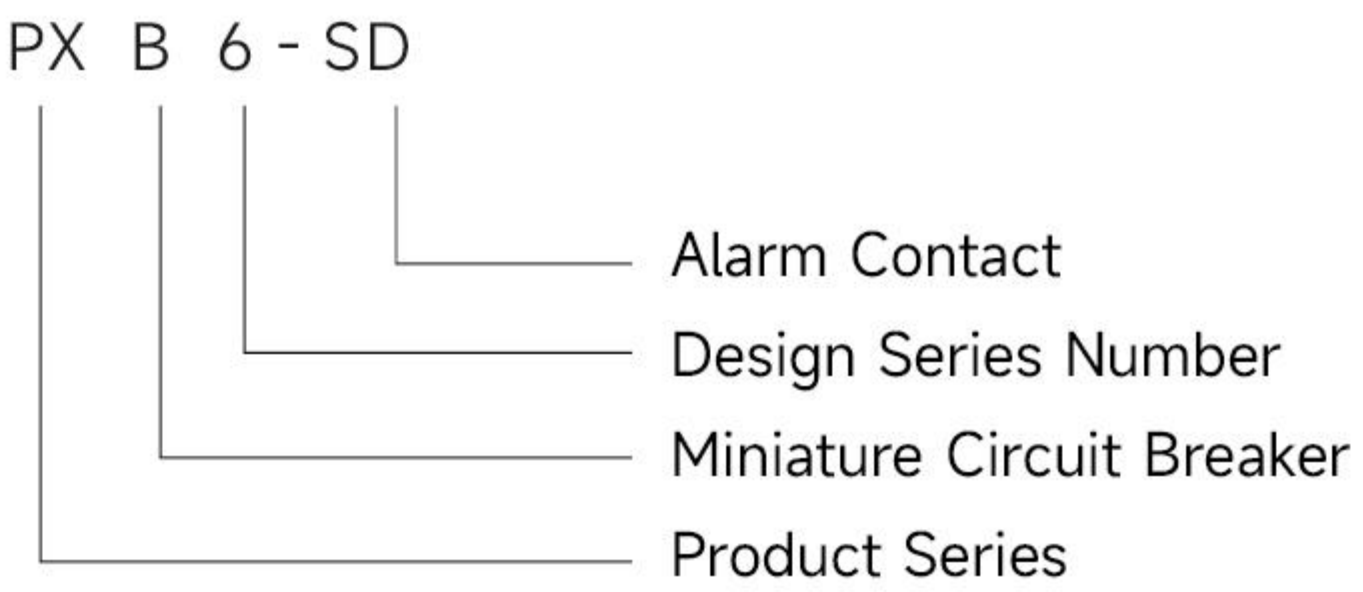
PXB6-SD
Alarm Contact



Product Features

- Fault Alarm Function - Sends remote alarm signals upon circuit breaker fault tripping.
- Remote Indication - Provides visual or electrical alerts for easy monitoring.
- High Compatibility - Designed specifically for PXB6 series to ensure compatibility.
- Long-Life Design - Long mechanical life suitable for frequent use scenarios.

Type designation



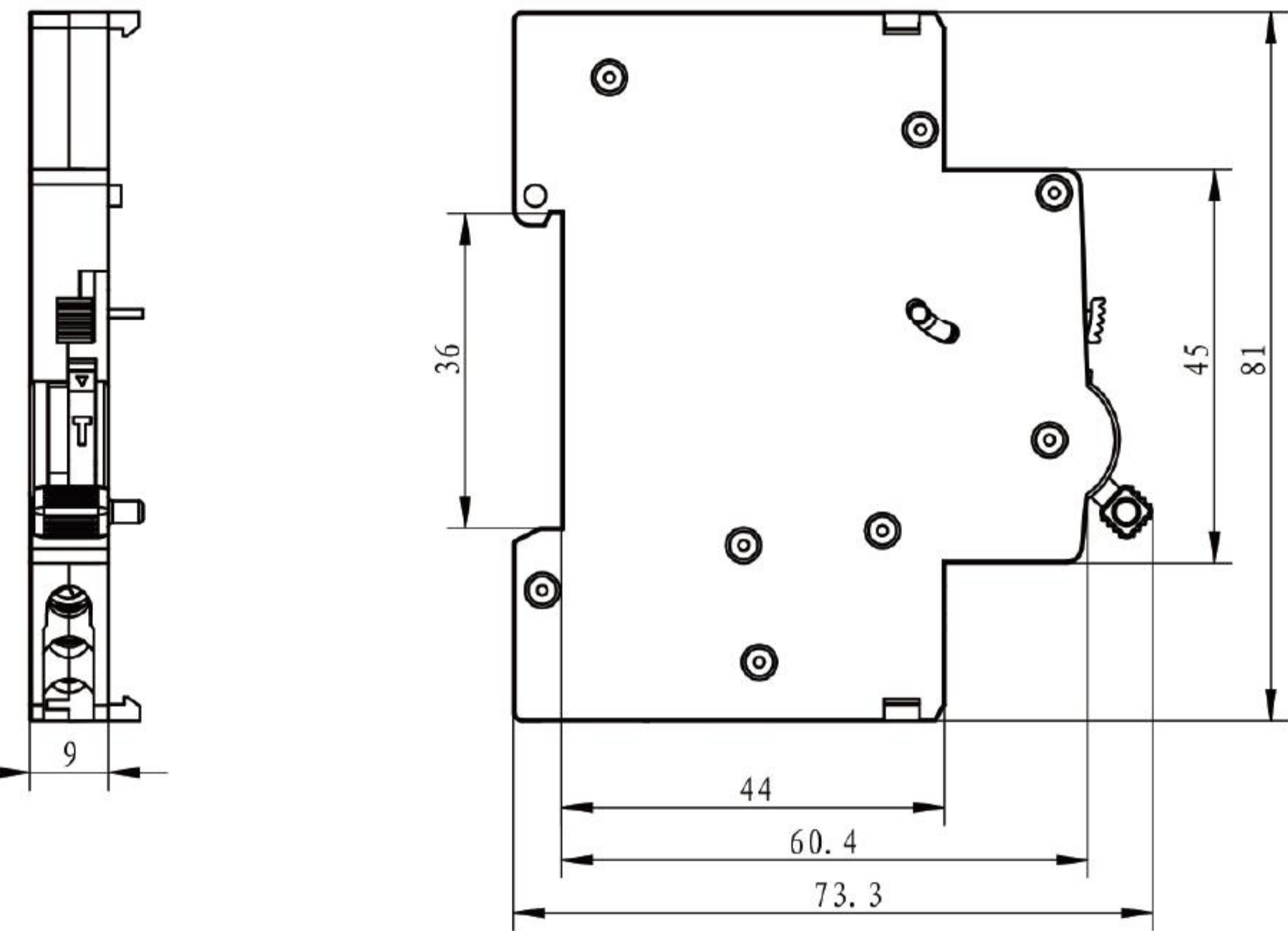
Technical Specifications

Parameter				
AC-12	Rated Operational Voltage	AC 415V	AC 240V	
	Rated operating current	3A	6A	
DC-12	Rated Operational Voltage	DC 130V	DC48V	DC24V
	Rated operating current	1A	2A	6A
Mechanical Endurance	10000			
Standards	IEC 60947-5-1			
Certification	CE · CB · CCC DEKRA Certified			

Conductor requirements and cross section

Copper cross-section(mm²)
0.5~2.5

Dimensions(mm)



Ordering Specification

Please specify the following when ordering:

- Product Model: PXB6-SD
- Quantity: [e.g.: 100 pcs]

Ordering Example:

PXB6-SD 100 pcs

PXB6-MV MN

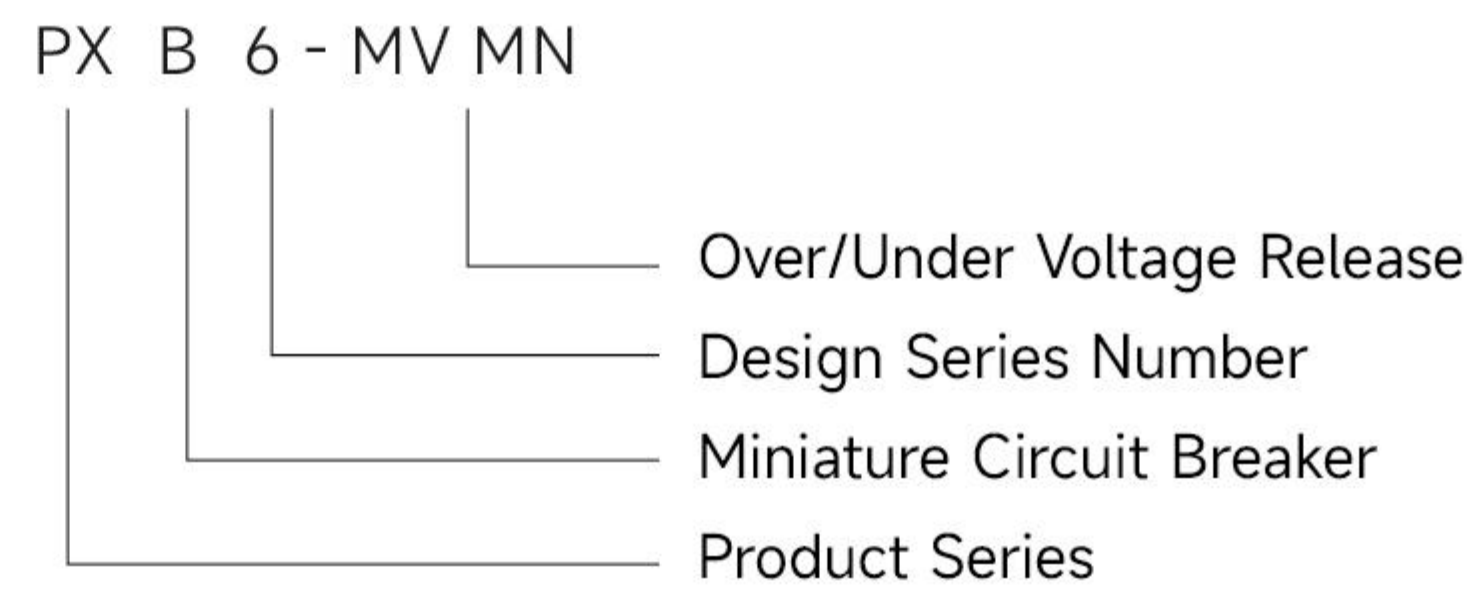
Over/Under Voltage Release



Product Features

- Over-Voltage Protection - Monitors voltage and trips automatically when over-voltage ($\geq 270V \pm 10V$).
- Under-Voltage Protection - Trips automatically under under-voltage ($\leq 170V \pm 10V$) to protect equipment.
- Wide Operating Range - Normal operating voltage range of 180V-260V for high stability.

Type designation



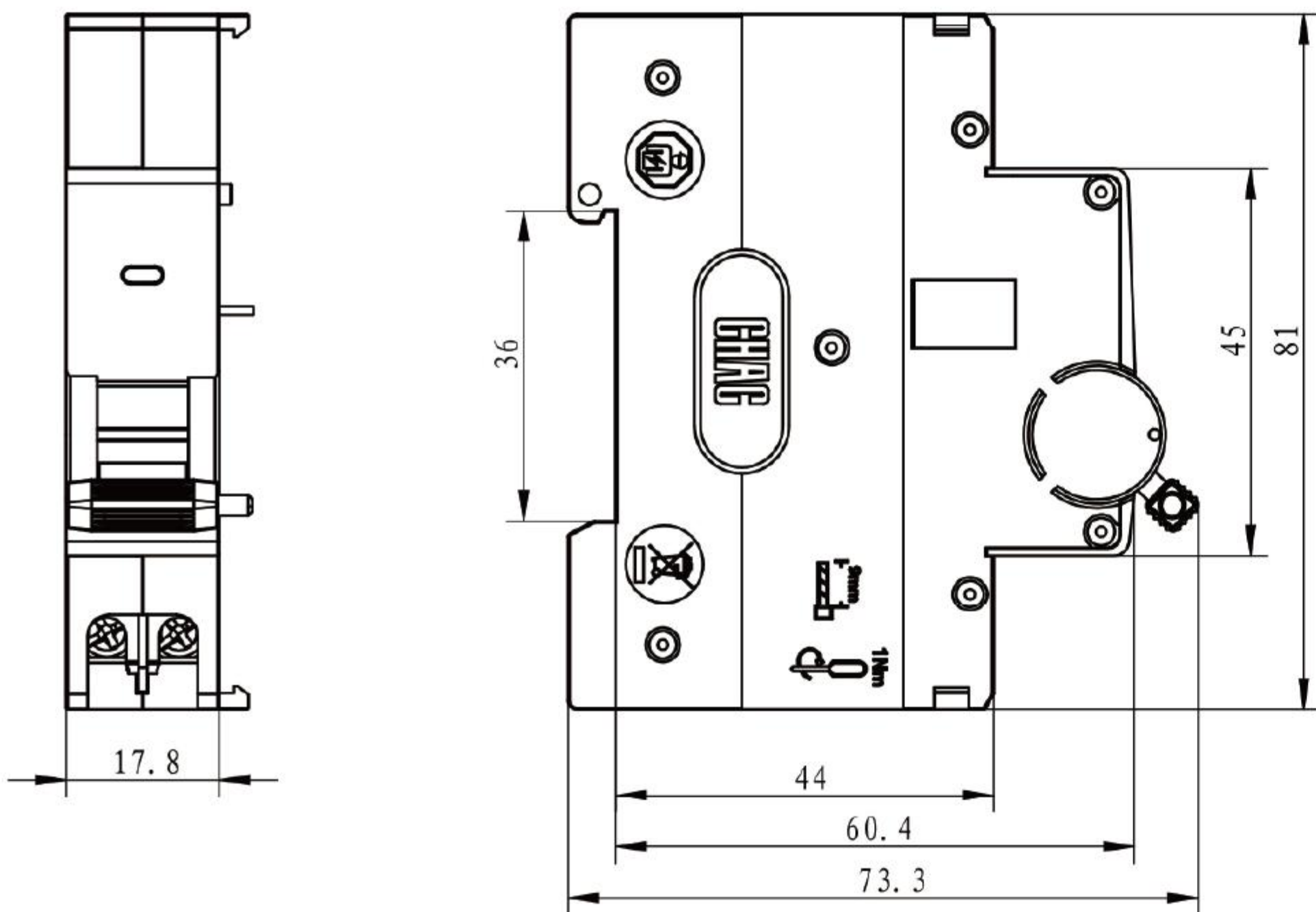
Technical Specifications

Parameter	
Rated Operational Voltage (V)	AC 240V 50/60Hz
Rated Insulation Voltage (V)	415V
Operating Characteristics	Maintains long-term circuit breaker operation at voltages between 180V - 260V.
	Trips at voltages $\geq 270 \pm 10V$ (Over-Voltage)
	Trips at voltages $\leq 170 \pm 10V$ (Under-Voltage)
Electrical Endurance	4,000
Standards	IEC 60947-5-1

Conductor requirements and cross section

Copper cross-section(mm ²)
0.5~2.5

Dimensions(mm)



PXB6-MX

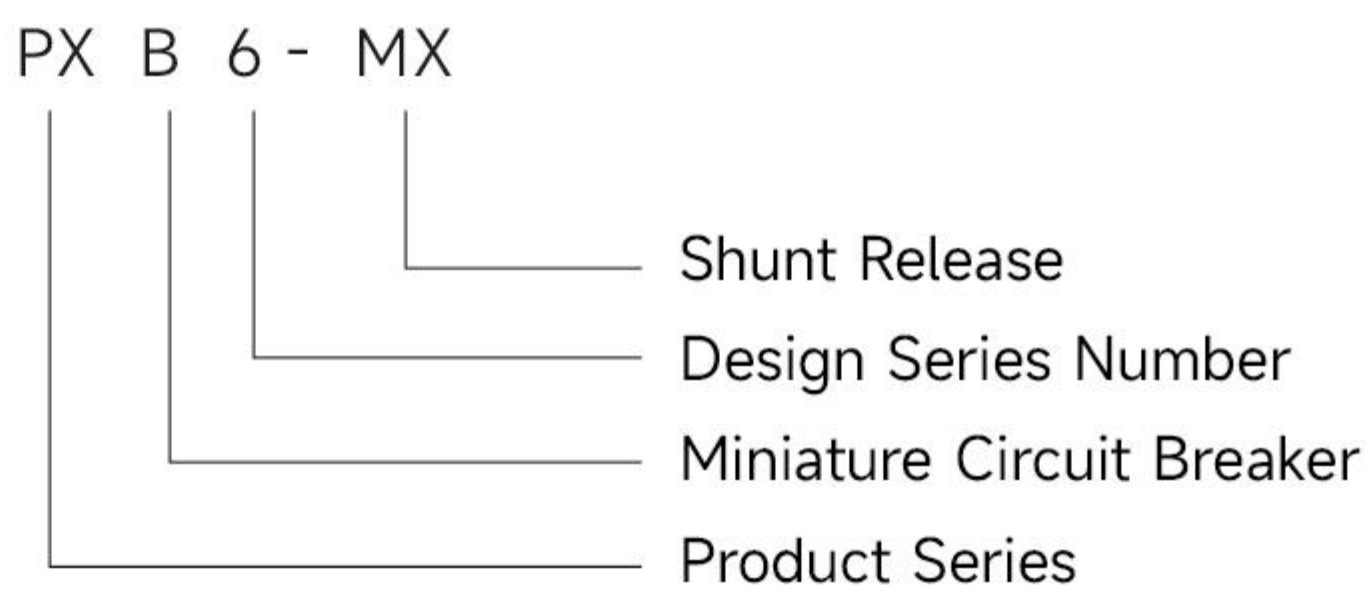
Shunt Release



Product Features

- Remote Tripping Control - Enables remote breaker tripping by applying voltage.
- Fast Response - Quick action ensures timely protection.
- Wide Voltage Range - Broad operating voltage range for various environments.
- Safety System Integration - Suitable for automated safety control systems.

Type designation



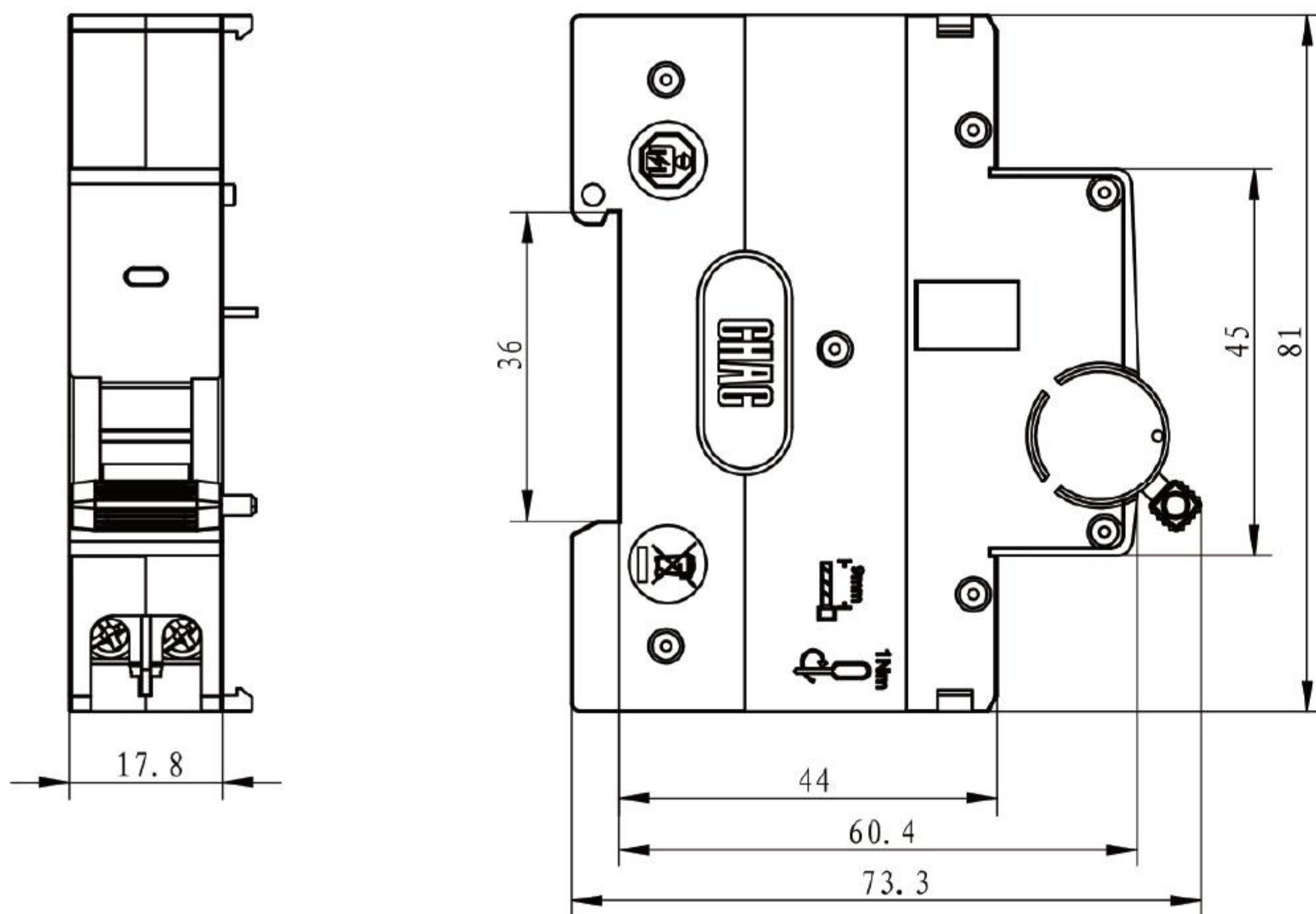
Technical Specifications

Parameter	
Rated operational voltage Us	AC 110V-450V 50/60Hz
Rated insulation voltage Ui	415V
Operating characteristics	The release unit can operate reliably within (70% to 110%) of Us
Electrical Endurance	4000 operations
Standards	IEC60947-5-1

Conductor requirements and cross section

Copper cross-section(mm ²)
0.5~2.5

Dimensions(mm)



Ordering Specification

Please specify the following when ordering:

- Product Model: PXB6-MX
- Quantity: [e.g.: 100 pcs]

Ordering Example:

PXB6-MX 100 pcs