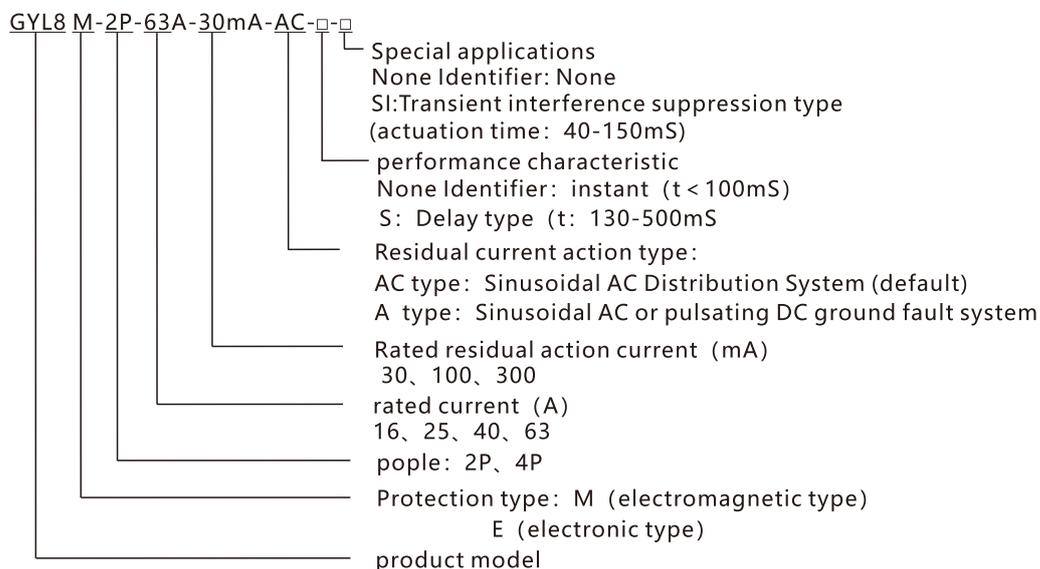


GYL8 RCCB

●Functions and Applications

Leakage protection; Suitable for industrial, commercial, high-rise and civil residential and other occasions.

●PRODUCT MODEL AND IMPLICATION



●Product Feature

- ▶ Standard: : IEC61008-1、GB16916.1
- ▶ Double sink flow bar wiring function
- ▶ Maximum Wiring Capacity 25mm^2

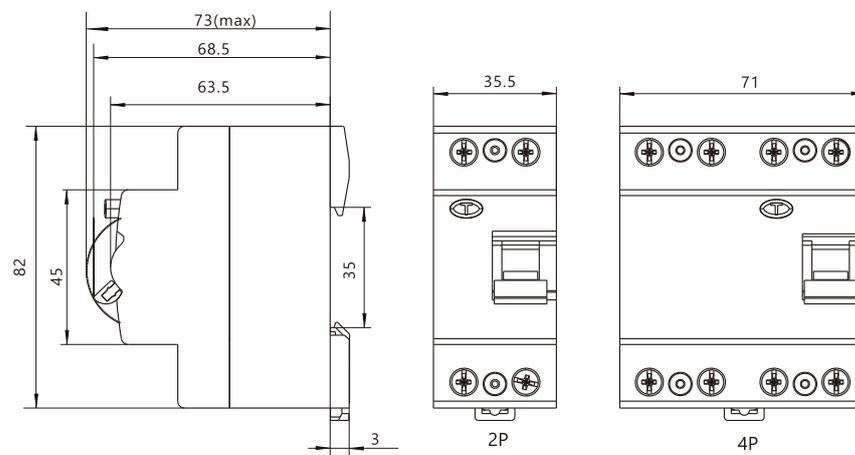
●Technical Specification

Residual current action type			AC、A
Rated Current	I_n	A	16、25、40、63
Poles			2P、4P
Rated Operational Voltage	U_n	V	240/415V
Nominal Insulation Voltage	U_i	V	500
Working Frequency		Hz	50/60
Rated residual action current	$I_{\Delta n}$	mA	30、100、300
Rated impact tolerance voltage	U_{imp}	V	4000
1 min dielectric voltage		V	2000
Rated limit short circuit current	I_{nc}	kA	4.5、6
Rated limit Remaining short circuit current	$I_{\Delta c}$	kA	4.5、6
Rated on and off capacity	I_m	A	500A(25A,40A),或 $10I_n(\geq 63A)$
Rated residual switching and breaking capacity	$I_{\Delta m}$	A	500A(25A,40A),或 $10I_n(\geq 63A)$

●Residual leakage current breaking time

rated current I_n (A)	Rated residual action current $I_{\Delta n}$ (mA)	Residual current breaking time(s)		
		$I_{\Delta n}$	$2I_{\Delta n}$	$5I_{\Delta n}$
16、25、40、63	30、100、300	0.1	0.08	0.04

●Outline Overall And Installing Dimensions

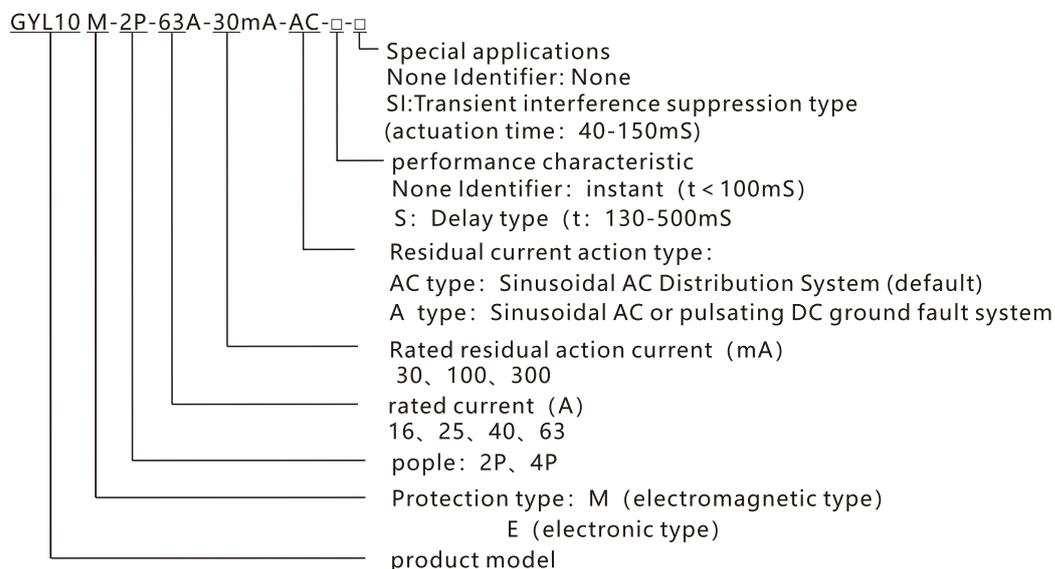


GYL10 RCCB

●Functions and Applications

Leakage protection; Suitable for industrial, commercial, high-rise and civil residential and other occasions.

●PRODUCT MODEL AND IMPLICATION



●Product Feature

- ▶ Standard: : IEC61008-1、GB16916.1
- ▶ Double sink flow bar wiring function
- ▶ With Transparent Identification Function
- ▶ Maximum Wiring Capacity 25mm^2

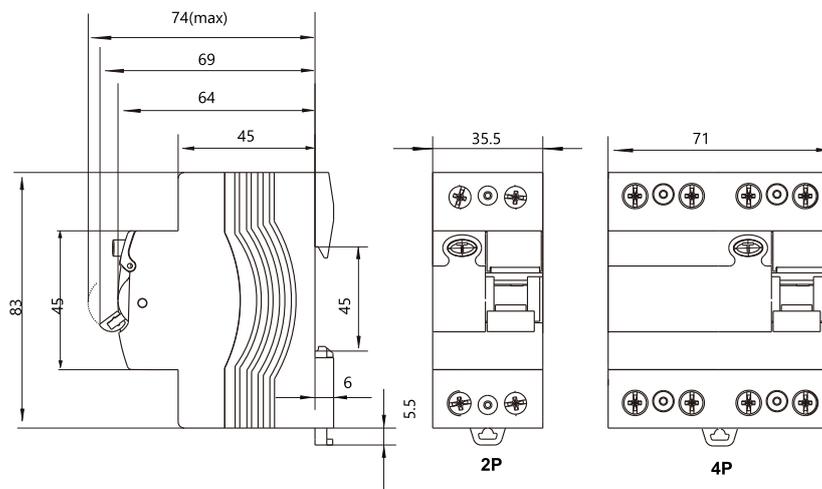
●Technical Specification

Residual current action type			AC、A
Rated Current	I_n	A	16、25、40、63
Poles			2P、4P
Rated Operational Voltage	U_n	V	240/415V
Nominal Insulation Voltage	U_i	V	500
Working Frequency		Hz	50/60
Rated residual action current	$I_{\Delta n}$	mA	30、100、300
Rated impact tolerance voltage	U_{imp}	V	4000
1 min dielectric voltage		V	2000
Rated limit short circuit current	I_{nc}	kA	4.5、6
Rated limit Remaining short circuit current	$I_{\Delta c}$	kA	4.5、6
Rated on and off capacity	I_m	A	500A(25A,40A),或 $10I_n(\geq 63A)$
Rated residual switching and breaking capacity	$I_{\Delta m}$	A	500A(25A,40A),或 $10I_n(\geq 63A)$

●Residual leakage current breaking time

rated current I_n (A)	Rated residual action current $I_{\Delta n}$ (mA)	Residual current breaking time(s)		
		$I_{\Delta n}$	$2I_{\Delta n}$	$5I_{\Delta n}$
16、25、40、63	30、100、300	0.1	0.08	0.04

●Outline Overall And Installing Dimensions

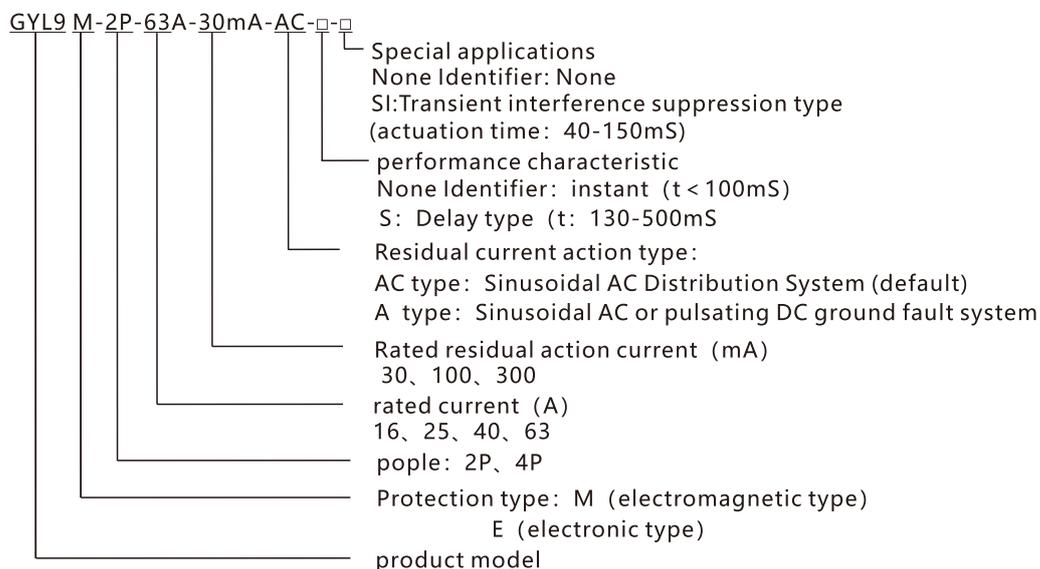


GYL9 RCCB

●Functions and Applications

Leakage protection; Suitable for industrial, commercial, high-rise and civil residential and other occasions.

●PRODUCT MODEL AND IMPLICATION



●Product Feature

- ▶ Standard: : IEC61008-1、GB16916.1
- ▶ Double sink flow bar wiring function
- ▶ With leakage fault indication
- ▶ Maximum Wiring Capacity 35mm^2

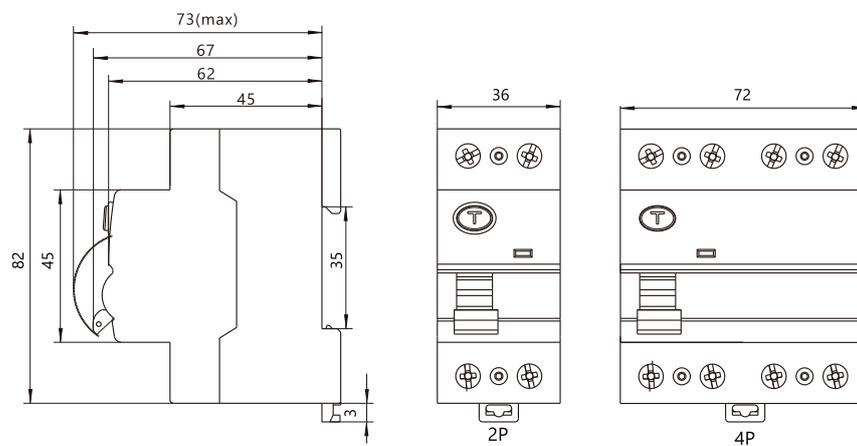
●Technical Specification

Residual current action type			AC、A
Rated Current	I_n	A	25、40、63、80、100
Poles			2P、4P
Rated Operational Voltage	U_n	V	240/415V
Nominal Insulation Voltage	U_i	V	500
Working Frequency		Hz	50/60
Rated residual action current	$I_{\Delta n}$	mA	30、100、300
Rated impact tolerance voltage	U_{imp}	V	4000
1 min dielectric voltage		V	2000
Rated limit short circuit current	I_{nc}	kA	6、10
Rated limit Remaining short circuit current	$I_{\Delta c}$	kA	6、10
Rated on and off capacity	I_m	A	500A(25A,40A),或 $10I_n(\geq 63A)$
Rated residual switching and breaking capacity	$I_{\Delta m}$	A	500A(25A,40A),或 $10I_n(\geq 63A)$

●Residual leakage current breaking time

rated current I_n (A)	Rated residual action current $I_{\Delta n}$ (mA)	Residual current breaking time(s)		
		$I_{\Delta n}$	$2I_{\Delta n}$	$5I_{\Delta n}$
16、25、40、63	30、100、300	0.1	0.08	0.04

●Outline Overall And Installing Dimensions



GYL9-A+EV RCCB

●Functions and Applications

Leakage protection; Suitable for industrial, commercial, high-rise and civil residential and other occasions.

The product is used to detect the residual dc current greater than 6mA in the ac system.

According to the relevant requirements of the IEC61851 standard, the product should be used with the RCD of type A residual current protection characteristics to protect the ground fault that may occur in the ac charging facilities of charging mode 3.

●Detect waveform and protection range

Detection of waveform	waveform	Different waveform action range
Sine AC	~	0.5 ~ $I_{\Delta n}$
Pulsating dc	⎓	0.5 ~ 1.4 $I_{\Delta n}$
Two phase full wave rectification	⎓	3 ~ 6mA
Three-phase full-wave rectifier	⎓	3 ~ 6mA
Smooth direct current	---	3 ~ 6mA

●Product Feature

- ▶ Standard: IEC62955、IEC61008-1
- ▶ Double sink flow bar wiring function
- ▶ With leakage fault indication
- ▶ Maximum Wiring Capacity 35mm²

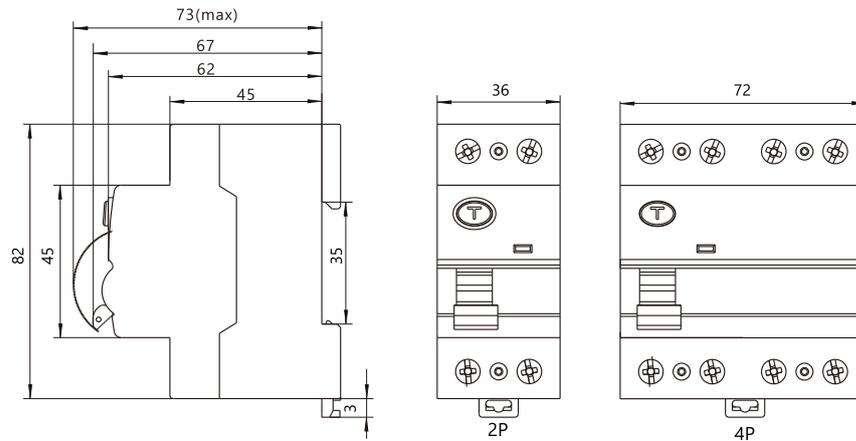
●Technical Specification

Residual current action type			A+EV
Rated Current	I_n	A	25、40、63、80、100
Poles			2P、4P
Rated Operational Voltage	U_n	V	240/415
Nominal Insulation Voltage	U_i	V	500
Working Frequency		Hz	50/60
Rated residual non-action current	$I_{\Delta n0}$	mA	0.5 $I_{\Delta n}$
Rated residual action current	$I_{\Delta n}$	mA	30
Direct current flow as sensitivity	$I_{\Delta ndc}$	mA	6mA
Rated impact tolerance voltage	U_{imp}	V	4000
1 min dielectric voltage		V	2000
Rated limit short circuit current	I_{nc}	A	6、10
Rated limit Remaining short circuit current	$I_{\Delta c}$	A	6、10
Rated on and off capacity	I_m	A	500A(25A,40A),或 $10I_n(\geq 63A)$
Rated residual switching and breaking capacity	$I_{\Delta m}$	A	500A(25A,40A),或 $10I_n(\geq 63A)$

● **Residual leakage current breaking time**

rated current I_n (A)	Rated residual action current $I_{\Delta n}$ (mA)	Residual current breaking time(s)		
		$I_{\Delta n}$	$2I_{\Delta n}$	$5I_{\Delta n}$
16、25、40、63	30、100、300	0.1	0.08	0.04

● **Outline Overall And Installing Dimensions**



GYL9-B RCCB

●Functions and Applications

Leakage protection; Suitable for industrial, commercial, high-rise and civil residential and other occasions.

The product ensures reliable action for sinusoidal ac residual current, pulsed dc residual current, ac residual sinusoidal current (up to 1000Hz), pulsed dc residual current, and smooth dc residual current (whether applied suddenly or slowly increasing).

●Detect waveform and protection range

Detection of waveform	waveform	Different waveform action range
Sine AC	~	0.5 ~ $I_{\Delta n}$
Pulsating dc	⎓	0.35 ~ 1.4 $I_{\Delta n}$
High frequency (up to 1kHz)	⏏	150Hz, 0.5 ~ 2.4 $I_{\Delta n}$
		400Hz, 0.5 ~ 6 $I_{\Delta n}$
		1000Hz, 1 ~ 14 $I_{\Delta n}$
Two phase full wave rectification	~	0.5 ~ 2 $I_{\Delta n}$
Three-phase full-wave rectifier	~	0.5 ~ 2 $I_{\Delta n}$
Smooth direct current	---	0.5 ~ 2 $I_{\Delta n}$

●Product Feature

- ▶ Standard: IEC62423、IEC61008.1、GB22794、GB16916.1
- ▶ Double sink flow bar wiring function
- ▶ With leakage fault indication
- ▶ Maximum Wiring Capacity 35mm²

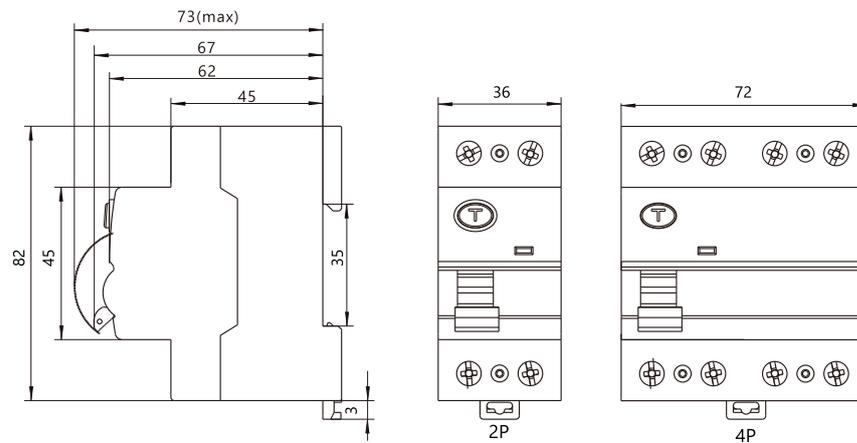
●Technical Specification

Residual current action type			B
Rated Current	I_n	A	25、40、63、80、100
Poles			2P、4P
Rated Operational Voltage	U_n	V	240/415
Nominal Insulation Voltage	U_i	V	500
Working Frequency		Hz	50/60
Rated residual non-action current	$I_{\Delta n0}$	mA	0.5 $I_{\Delta n}$
Rated residual action current	$I_{\Delta n}$	mA	30
Direct current flow as sensitivity	$I_{\Delta ndc}$	mA	0.5~2 $I_{\Delta n}$
Rated impact tolerance voltage	U_{imp}	V	4000
1 min dielectric voltage		V	2000
Rated limit short circuit current	I_{nc}	A	6、10
Rated limit Remaining short circuit current	$I_{\Delta c}$	A	6、10
Rated on and off capacity	I_m	A	500A(25A,40A),或10 $I_n(\geq 63A)$
Rated residual switching and breaking capacity	$I_{\Delta m}$	A	500A(25A,40A),或10 $I_n(\geq 63A)$

●Residual leakage current breaking time

rated current I_n (A)	Rated residual action current $I_{\Delta n}$ (mA)	Residual current breaking time(s)		
		$I_{\Delta n}$	$2I_{\Delta n}$	$5I_{\Delta n}$
16、25、40、63	30、100、300	0.1	0.08	0.04

●Outline Overall And Installing Dimensions



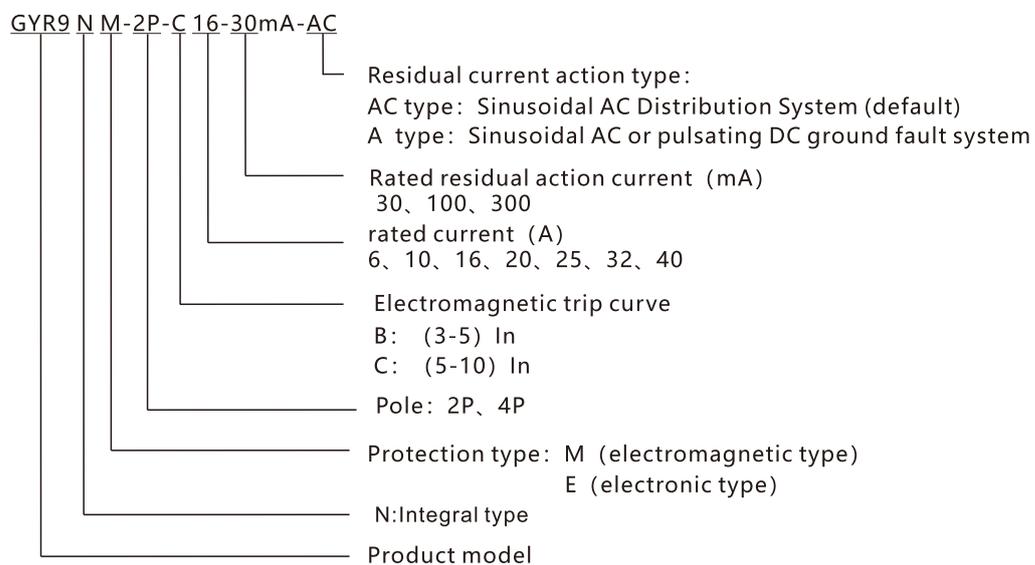
GYR9N RCBO



•Functions and Applications

Overload, short circuit, leakage protection; Suitable for industrial, commercial, high-rise and civil residential and other occasions.

•PRODUCT MODEL AND IMPLICATION



•Product Feature

- ▶ Standard: IEC61009-1、GB16917.1
- ▶ Double sink flow bar wiring function
- ▶ Contact Position Indication Function
- ▶ With leakage fault indication
- ▶ Maximum Wiring Capacity 35mm²

•Technical Specification

Residual current action type			AC、A
Rated Current	I_n	A	6、10、16、20、25、32、40
Poles			1P+N、3P+N (The N pole is on the right)
Rated Operational Voltage	U_n	V	240/415
Nominal Insulation Voltage	U_i	V	500
Working Frequency		Hz	50/60
Rated residual no-action current	$I_{\Delta n0}$	mA	0.5 $I_{\Delta n}$
Rated residual action current	$I_{\Delta n}$	mA	30、100、300
Electromagnetic trip curve			B、C
Rated impact tolerance voltage	U_{imp}	V	4000
1 min dielectric voltage		V	2000
Rated short circuit breaking capacity	I_{cn}	A	6、10
Rated residual switching and breaking capacity	$I_{\Delta m}$	A	500A(25A,40A),或10 I_n (≥63A)

● **Residual leakage current breaking time**

rated current I_n (A)	Rated residual action current $I_{\Delta n}$ (mA)	Residual current breaking time(s)			
		$I_{\Delta n}$	$2I_{\Delta n}$	$5I_{\Delta n}$	5A, 10A, 20A, 50A, 100A, 200A
25, 40, 63, 80, 100	30, 100, 300	0.1	0.08	0.04	0.04

● **Outline Overall And Installing Dimensions**

