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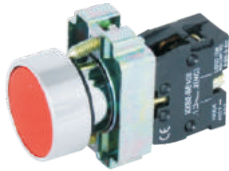
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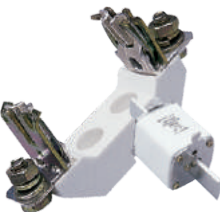
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Circuit Breaker & Automatic Transfer Switch

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YCB6H-63 Miniature Circuit Breaker

General

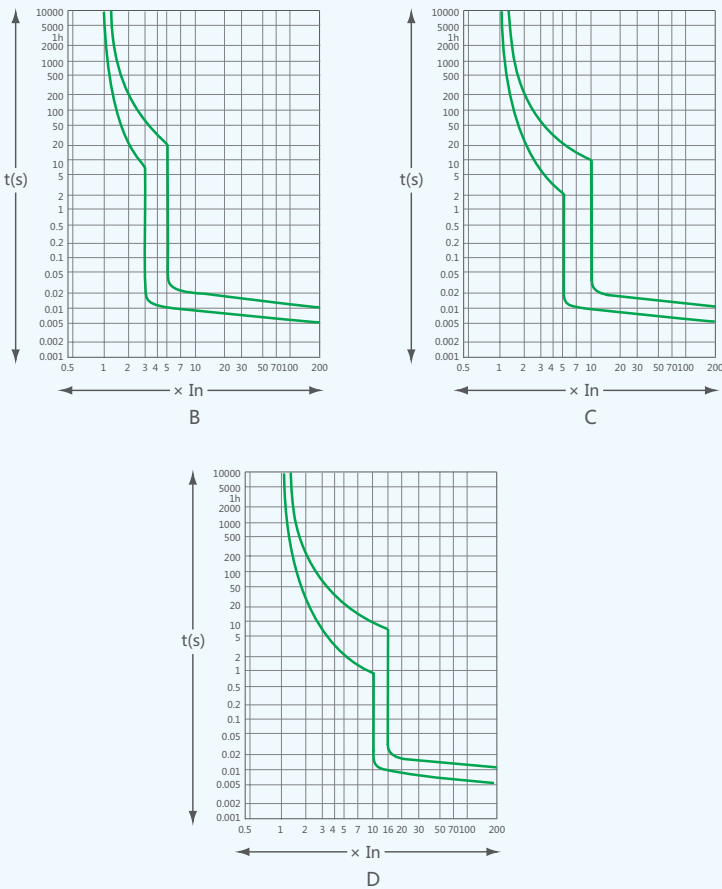
- 1. Overload protection
- 2. Short circuit protection
- 3. Controlling
- 4. Used in residential building, non-residential building, energy source industry and infrastructure.
- 5. According to the type of instantaneous release classified as follows: type B(3-5)In, type C(5-10)In, type D(10-16)In

Release

Type	Test current	Tripping time	Type	Test current	Tripping time
B,C,D	1.13In	t≤1h(In≤63A)	B	3In	t≤0.1s
	1.13In	t≤2h(In>63A)	C	5In	t≤0.1s
B,C,D	1.45In	t<1h(In≤63A)	D	10In	t≤0.1s
	1.45In	t<2h(In>63A)	B	5In	t<0.1s
B,C,D	2.55In	1s<t<60s(In≤32A)	C	10In	t<0.1s
	2.55In	1s<t<120s(In>32A)	D	16In	t<0.1s

Curve

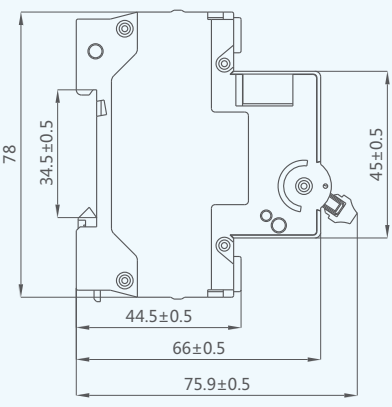
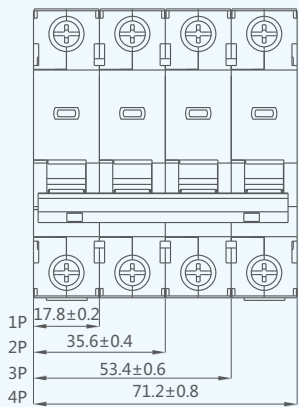
B,C,D Curve

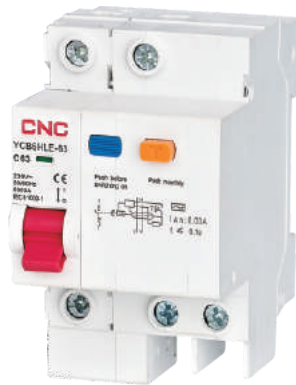


Specifications

Type	Standard		IEC/EN 60898-1
Electrical features	Rated current In	A	1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63
	Poles	P	1, 2, 3, 4
	Rated voltage Ue	V	240/415
	Insulation voltage Ui	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity	A	4500, 6000
	Rated impulse withstand voltage(1.2/50)Uimp	V	4000
	Dielectric test voltage at ind. Freq. for 1min	kV	2
	Pollution degree		2
	Thermo-magnetic release characteristic		B, C, D
Mechanical features	Electrical life	t	6000
	Mechanical life	t	20000
	Protection degree		IP20
	Reference temperature for setting of thermal element	°C	30
	Ambient temperature (with daily average≤35°C)	°C	-5~+40
	Storage temperature	°C	-25~+70
Installation	Terminal connection type		Cable/Pin-type busbar
	Terminal size top / bottom for cable	mm²	25
		AWG	18-3
	Terminal size top / bottom for busbar	mm²	25
		AWG	18-3
	Tightening torque	N*m	2
		In-lbs	18
Mounting			On DIN rail EN 60715(35mm)by means of fast clip device
	Connection		From top and bottom

Overall and mounting dimensions(mm)





YCB6HLE-63 Residual Current Circuit Breaker
with Over Current Protection

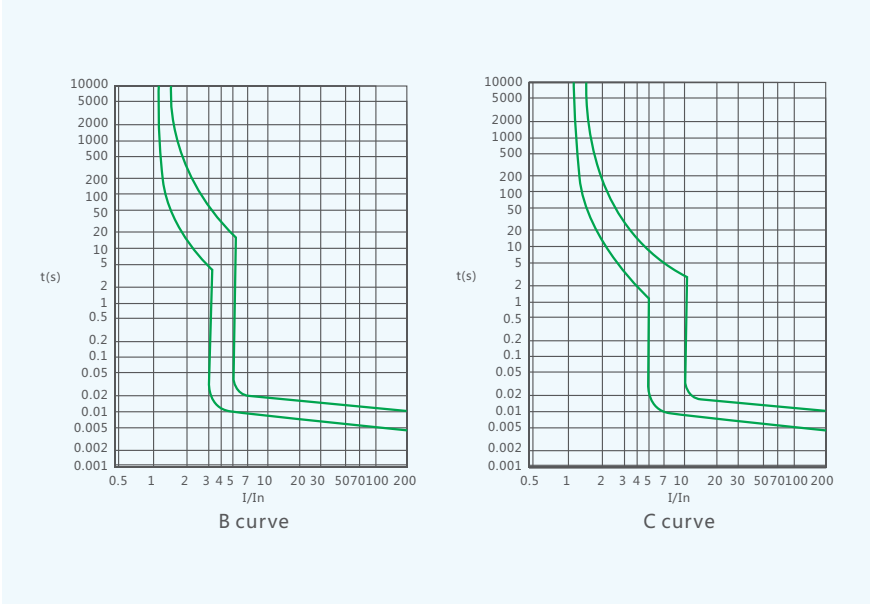
General

- 1. Protection against overload and short-circuit currents
- 2. Protection against the effects of sinusoidal alternating earth fault currents
- 3. Protection against indirect contacts and additional protection against direct contacts.
- 4. Protection against fire hazard caused by insulation faults
- 5. Used in residential building
- 6. According to the type of instantaneous release classified as follows : type B(3-5)In, type C(5-10)In

Release

Type	Test current	Tripping time	Type	Test current	Tripping time
B,C	1.13In	t≥1h(In≤63A)	B	3In	t≥0.1s
	1.13In	t≥2h(In > 63A)			
B,C	1.45In	t < 1h(In≤63A)	C	5In	t≥0.1s
	1.45In	t < 2h(In > 63A)			
B,C	2.55In	1s < t < 60s(In≤32A)	B	5In	t < 0.1s
	2.55In	1s < t < 120s(In > 32A)			
			C	10In	t < 0.1s

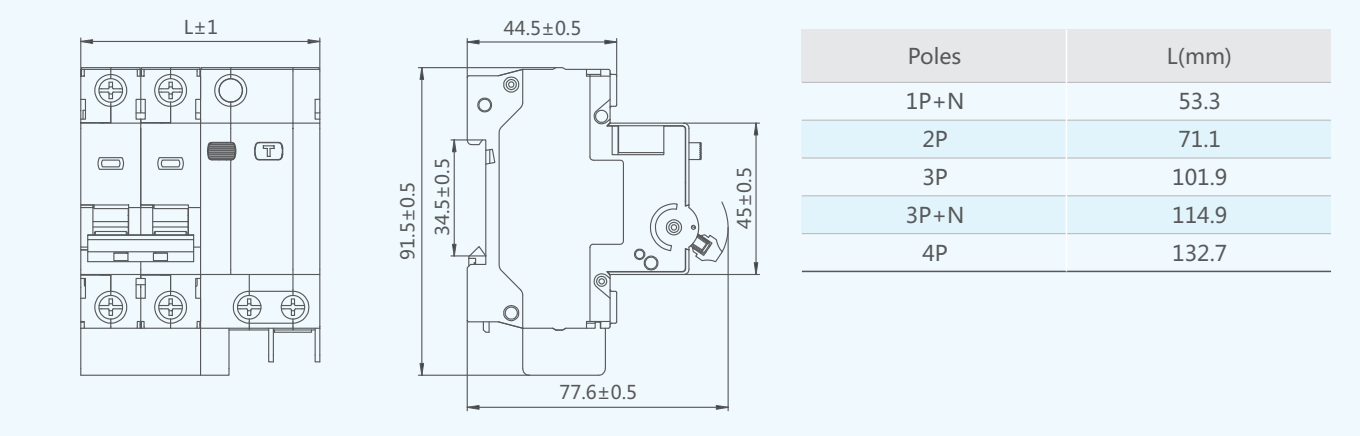
Curve



Specifications

Type	Standard		IEC/EN 61009-1
Electrical features	Poles	P	1P+N, 2, 3, 3P+N, 4
	Type(wave form of the earth leakage sensed)		AC
	Thermo-magnetic release characteristic		B, C
	Rated current In	A	6, 10, 16, 20, 25, 32, 40, 50, 63
	Rated voltage Ue	V	230/400
	Rated sensitivity IΔn	A	0.03, 0.05, 0.1, 0.3
	Rated residual making and breaking capacity IΔm	A	500(In≤40A) 630(In > 40A)
	Rated short-circuit capacity Icn	A	4500, 6000
	Break time under IΔn	s	≤0.1
	Rated frequency	Hz	50/60
	Rated impulse withstand voltage(1.2/50)Uimp	V	4000
	Dielectric test voltage at ind.Freq.for 1min	kV	2
	Insulation voltage Ui	V	500
	Pollution degree		2
Mechanical features	Electrical life	t	2000
	Mechanical life	t	2000
	Contact position indicator		Yes
	Protection degree		IP20
	Ambient temperature(with daily average≤35°C)	°C	-5~+40
	Storage temperature	°C	-25~+70
Installation	Terminal connection type		Cable/Pin-type busbar
	Terminal size top/bottom for cable	mm²	25
		AWG	18-3
	Terminal size top/bottom for busbar	mm²	25
		AWG	18-3
	Tightening torque	N*m	2
		In-Ibs	18
	Mounting		On DIN rail EN60715(35mm)by means of fast clip device
	Connection		From top

Overall and mounting dimensions(mm)



YCB9-80M Miniature Circuit Breaker

General

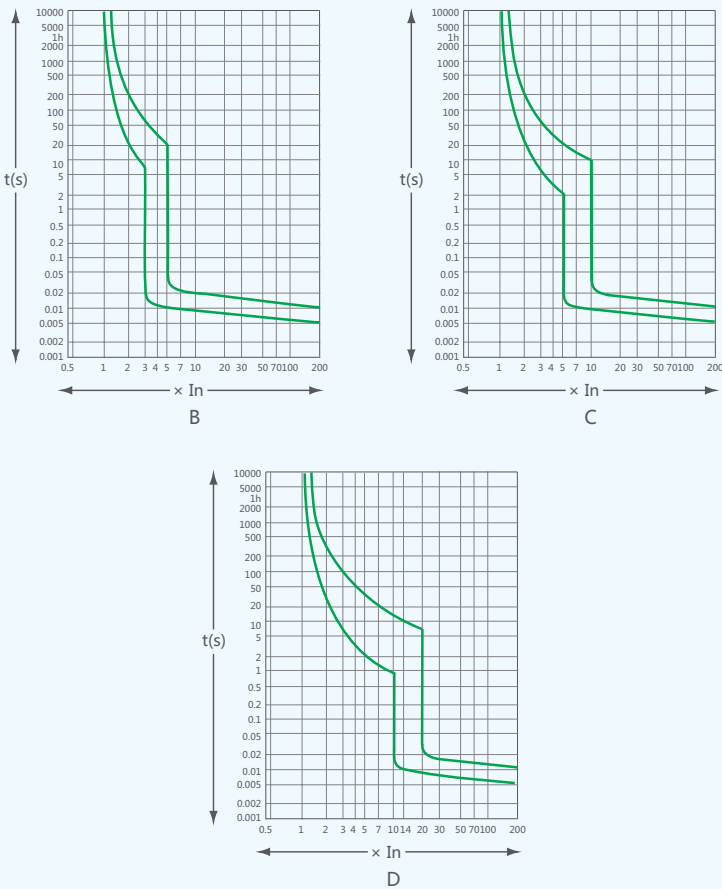
- 1. Overload protection
- 2. Short circuit protection
- 3. Controlling
- 4. Used in residential building, non-residential building, energy source industry and infrastructure.
- 5. According to the type of instantaneous release classified as follows : type B(3-5)In, type C(5-10)In, type D(10-20)In

Release

Type	Test current	Tripping time	Type	Test current	Tripping time
B,C,D	1.13In	t≤1h(In≤63A)	B	3In	t≤0.1s
	1.13In	t≤2h(In > 63A)	C	5In	t≤0.1s
B,C,D	1.45In	t < 1h(In≤63A)	D	10In	t≤0.1s
	1.45In	t < 2h(In > 63A)	B	5In	t < 0.1s
B,C,D	2.55In	1s < t < 60s(In≤32A)	C	10In	t < 0.1s
	2.55In	1s < t < 120s(In > 32A)	D	20In	t < 0.1s

Curve

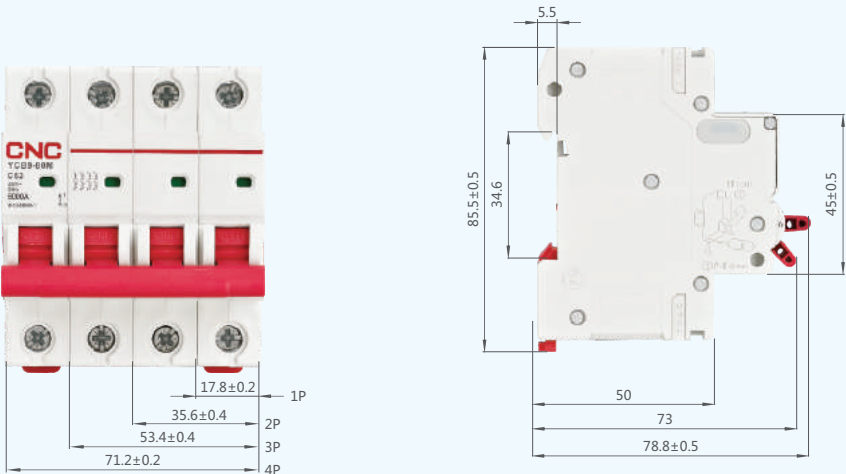
B,C,D Curve



Specifications

Type	Standard		IEC/EN 60898-1
Electrical features	Rated current In	A	1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63, 80
	Poles	P	1, 2, 3, 4
	Rated voltage Ue	V	240/415
	Insulation voltage Ui	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity	A	6000, 10000
	Rated impulse withstand voltage(1.2/50)Uimp	V	6000
	Dielectric test voltage at ind. Freq. for 1min	kV	2
	Pollution degree		2
	Thermo-magnetic release characteristic		B, C, D
Mechanical features	Electrical life	t	8000
	Mechanical life	t	20000
	Protection degree		IP20
	Reference temperature for setting of thermal element	°C	30
	Ambient temperature (with daily average≤35°C)	°C	-5~+40
	Storage temperature	°C	-25~+70
Installation	Terminal connection type		Cable/Pin-type busbar/U-type bar
	Terminal size top / bottom for cable	mm²	25
		AWG	18-3
	Terminal size top / bottom for busbar	mm²	25
		AWG	18-3
	Tightening torque	N*m	2
		In-lbs	18
Mounting			On DIN rail EN 60715(35mm)by means of fast clip device
	Connection		From top and bottom

Overall and mounting dimensions(mm)





YCB9LE-80M Earth Leakage Circuit Breaker

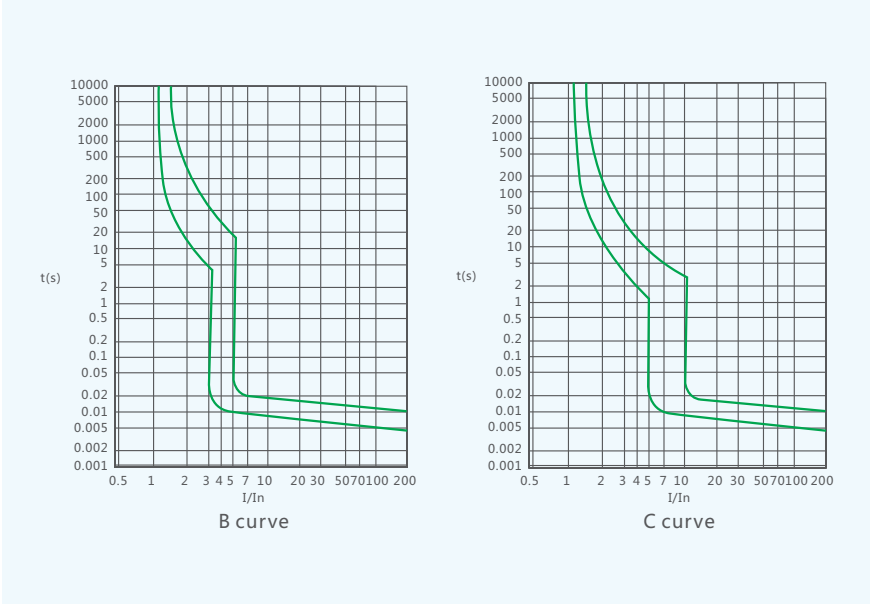
General

- 1. Protection against overload and short-circuit currents
- 2. Protection against the effects of sinusoidal alternating earth fault currents
- 3. Protection against indirect contacts and additional protection against direct contacts.
- 4. Protection against fire hazard caused by insulation faults
- 5. Used in residential building
- 6. According to the type of instantaneous release classified as follows : type B(3-5)In, type C(5-10)In

Release

Type	Test current	Tripping time	Type	Test current	Tripping time
B,C	1.13In	t≥1h(In≤63A)	B	3In	t≥0.1s
	1.13In	t≥2h(In > 63A)	C	5In	t≥0.1s
B,C	1.45In	t < 1h(In≤63A)	B	5In	t < 0.1s
	1.45In	t < 2h(In > 63A)	C	10In	t < 0.1s
B,C	2.55In	1s < t < 60s(In≤32A)			
	2.55In	1s < t < 120s(In > 32A)			

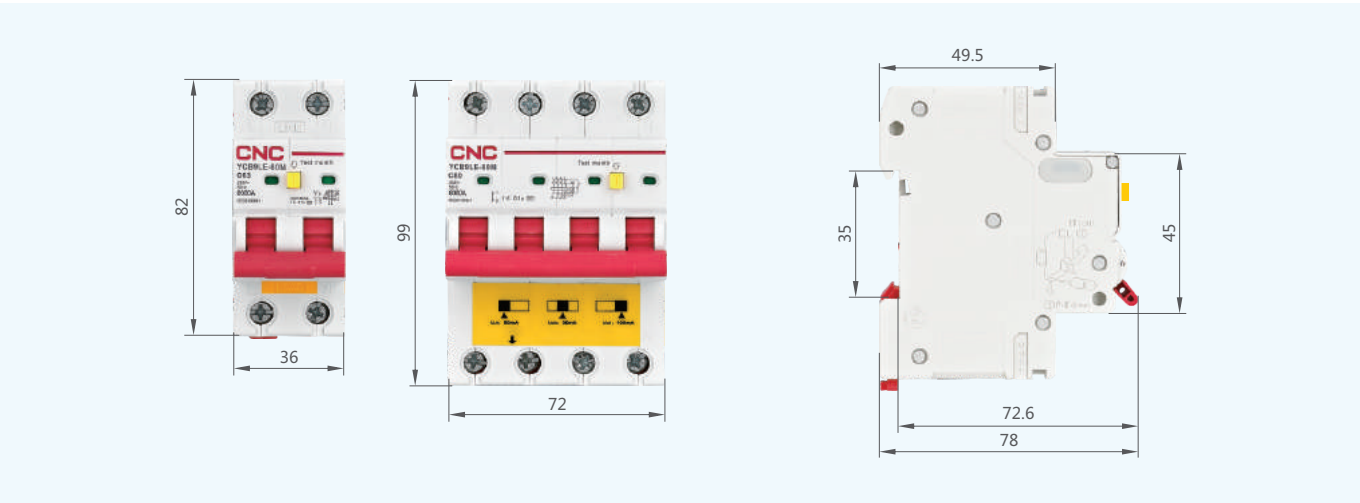
Curve



Specifications

Type	Standard		IEC/EN 61009-1
Electrical features	Poles	P	2, 4
	Type(wave form of the earth leakage sensed)		A/AC
	Thermo-magnetic release characteristic		B, C, D
	Rated current In	A	1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63, 80
	Rated voltage Ue	V	230/400
	Rated sensitivity IΔn	A	0.03, 0.05, 0.1, 0.2
	Rated residual making and breaking capacity IΔm	A	500(In≤40A) 630(In > 40A)
	Rated short-circuit capacity Icn	A	6000
	Break time under IΔn	s	≤0.1
	Rated frequency	Hz	50/60
	Rated impulse withstand voltage(1.2/50)Uimp	V	4000
	Dielectric test voltage at ind.Freq.for 1min	kV	2
	Insulation voltage Ui	V	500
	Pollution degree		3
Mechanical features	Electrical life	t	4000
	Mechanical life	t	10000
Connection and Installation	Contact position indicator		Yes
	Protection degree		IP20
	Connection capacity	mm²	1~35
	Circumstance temperature	°C	-30~+70
	Elevation	m	≤2000
	Pollution degree		3
	Terminal connection type		Cable/Pin-type busbar
	Installation Environment		无显著振动和冲击的地方
	Installation category		III
	Mounting		On DIN rail EN60715(35mm)by means of fast clip device
	Connection		From top

Overall and mounting dimensions(mm)



YCB5-63 Miniature Circuit Breaker

General

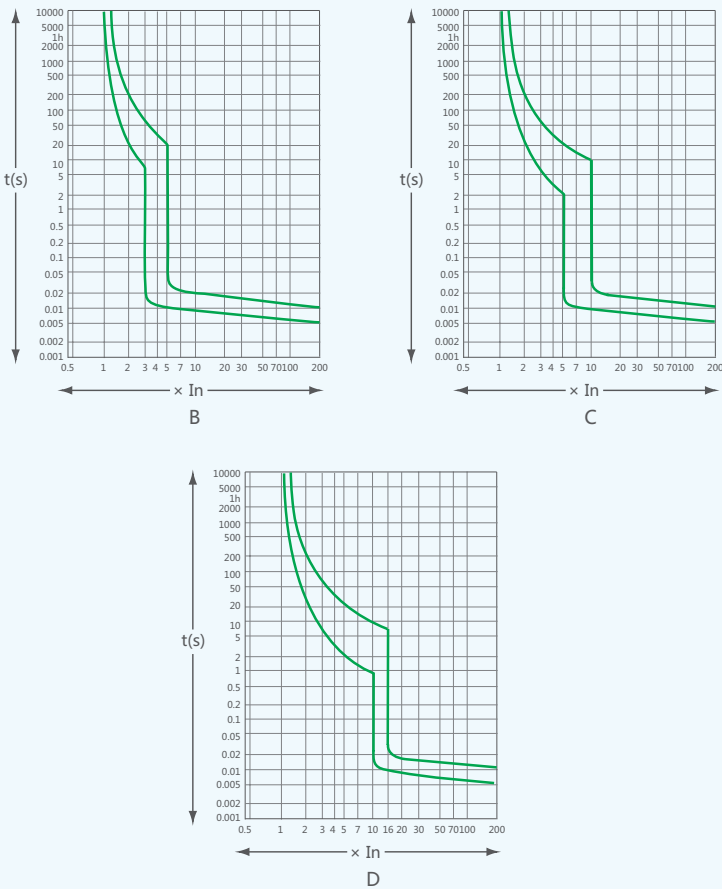
- 1. Overload protection
- 2. Short circuit protection
- 3. Controlling
- 4. Used in residential building, non-residential building, energy source industry and infrastructure.
- 5. According to the type of instantaneous release classified as follows: type B(3-5)In, type C(5-10)In, type D(10-16)In

Release

Type	Test current	Tripping time	Type	Test current	Tripping time
B,C,D	1.13In	t≤1h(In≤63A)	B	3In	t≤0.1s
	1.13In	t≤2h(In>63A)	C	5In	t≤0.1s
B,C,D	1.45In	t<1h(In≤63A)	D	10In	t≤0.1s
	1.45In	t<2h(In>63A)	B	5In	t<0.1s
B,C,D	2.55In	1s<t<60s(In≤32A)	C	10In	t<0.1s
	2.55In	1s<t<120s(In>32A)	D	16In	t<0.1s

Curve

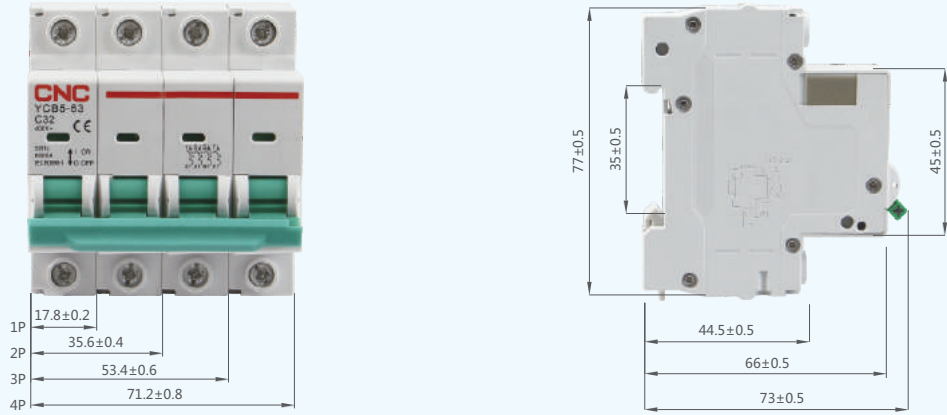
B,C,D Curve



Specifications

Type	Standard		IEC/EN 60898-1
Electrical features	Rated current In	A	1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63
	Poles	P	1, 2, 3, 4
	Rated voltage Ue	V	240/415
	Insulation voltage Ui	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity	A	6000
	Rated impulse withstand voltage(1.2/50)Uimp	V	4000
	Dielectric test voltage at ind. Freq. for 1min	kV	2
	Pollution degree		2
	Thermo-magnetic release characteristic		B, C, D
Mechanical features	Electrical life	t	6000
	Mechanical life	t	20000
	Protection degree		IP20
	Reference temperature for setting of thermal element	°C	30
	Ambient temperature (with daily average≤35°C)	°C	-5~+40
	Storage temperature	°C	-25~+70
Installation	Terminal connection type		Cable/U-type bar
	Terminal size top / bottom for cable	mm²	25
		AWG	18-3
	Terminal size top / bottom for busbar	mm²	25
		AWG	18-3
	Tightening torque	N*m	2
		In-Ibs	18
	Mounting		On DIN rail EN 60715(35mm)by means of fast clip device
	Connection		From top and bottom

Overall and mounting dimensions(mm)





YCB6HLN-40 Residual Current Circuit Breaker with Over Current Protection

General

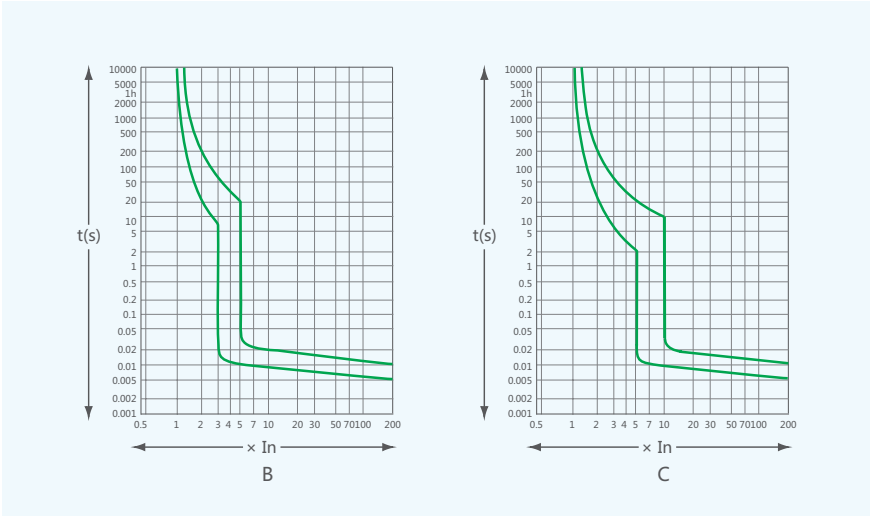
- 1. Protection against overload and short-circuit currents
- 2. Protection against the effects of sinusoidal alternating earth fault currents
- 3. Protection against indirect contacts and additional protection against direct contacts.
- 4. Protection against fire hazard caused by insulation faults
- 5. Used in residential building
- 6. According to the type of instantaneous release classified as follows: type B(3-5)In, type C(5-10)In

Release

Type	Test current	Tripping time	Type	Test current	Tripping time
B,C	1.13In	t≥1h(In≤63A)	B	3In	t≥0.1s
	1.13In	t≥2h(In > 63A)			
B,C	1.45In	t < 1h(In≤63A)	C	5In	t≥0.1s
	1.45In	t < 2h(In > 63A)			
B,C	2.55In	1s < t < 60s(In≤32A)	B	5In	t < 0.1s
	2.55In	1s < t < 120s(In > 32A)			
			C	10In	t < 0.1s

Curve

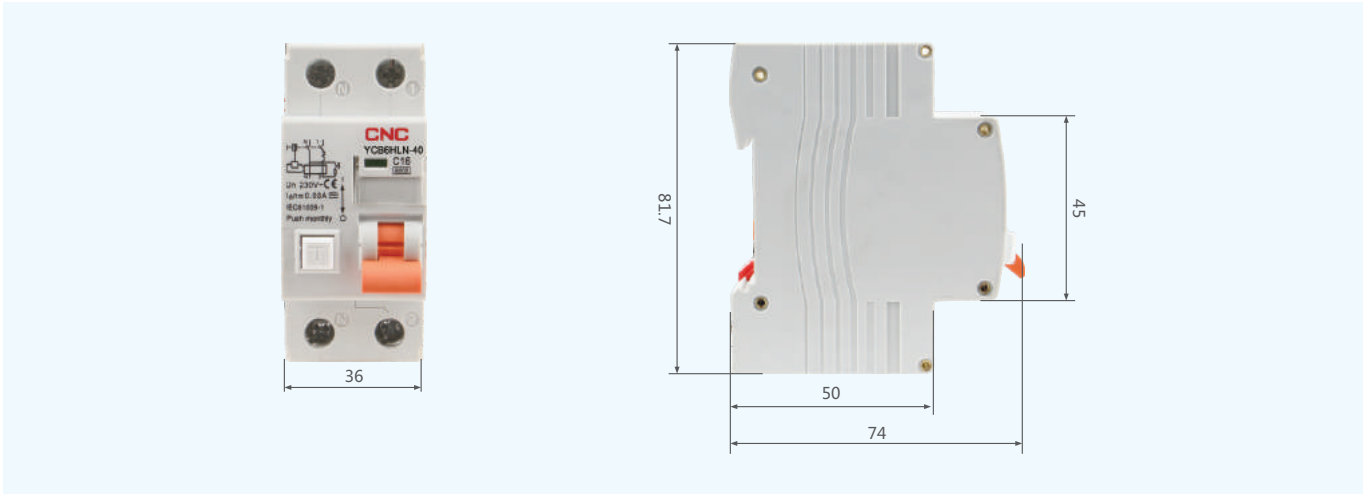
B,C Curve



Specifications

Type	Standard		IEC/EN 61009-1
Electrical features	Leakage type		Electromagnetic type
	Rated current In	A	6, 10, 16, 20, 25, 32, 40
	Type (wave form of the earth leakage sensed)		A, AC
	Poles	P	1P+N
	Rated voltage Ue	V	230
	Insulation voltage Ui	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity Icn	A	6000
	Rated impulse withstand voltage (1.2/50) Uimp	V	4000
	Dielectric test voltage at ind. Freq. for 1min	kV	2
	Rated sensitivity IΔn	A	0.03, 0.1, 0.3
	Break time under IΔn	s	≤0.1
	Rated residual making and breaking capacity IΔm	A	500
	Pollution degree		2
Mechanical features	Electrical life	t	4000
	Mechanical life	t	8000
	Protection degree		IP20
	Storage temperature	°C	-25~+70
	Ambient temperature (with daily average≤35°C)	°C	-5~+40
Installation	Terminal connection type		Cable/U-type bar/Pin-type busbar
	Terminal size top / bottom for cable	mm²	16
		AWG	18-5
	Terminal size top / bottom for busbar	mm²	16
		AWG	18-5
	Tightening torque	N*m	1.2
		In-lbs	11
	Mounting	On DIN rail EN 60715(35mm)by means of fast clip device	
	Connection	From top and bottom	

Overall and mounting dimensions(mm)





YCB6HRL-100 Residual Current Circuit Breaker

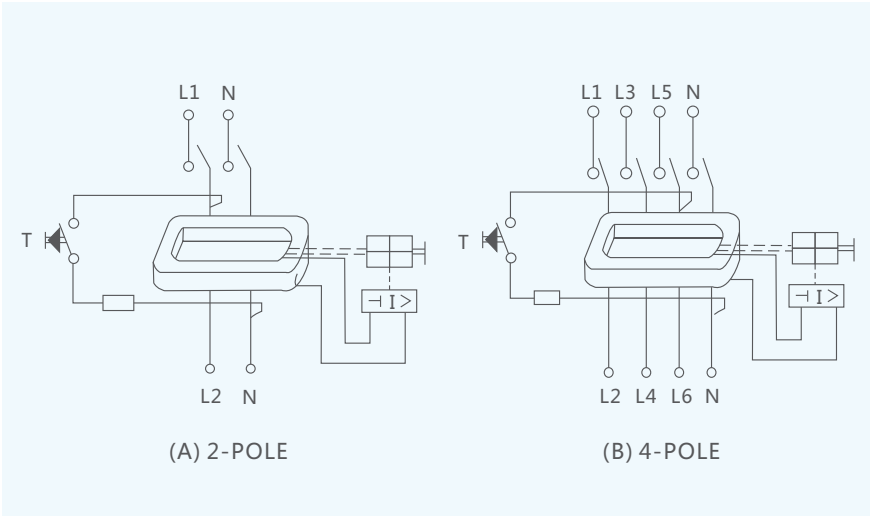
General

- 1. Protection against the effects of sinusoidal alternating earth fault currents
- 2. Protection against indirect contacts and additional protection against direct contacts
- 3. Protection against fire hazard caused by insulation faults
- 4. Controlling and Switching
- 5. Used in residential building, non-residential building, energy sources, industry and infrastructure

Release

Type		Tripping sensitivity data	
AC	For residual sinusoidal alternating currents	30mA	For personnel, material and fire protection, as well as for protection against direct contact
A	For residual sinusoidal alternating currents and residual pulsating direct currents	100mA	For providing protection against indirect contacts
S	For selectivity, with time delay	300mA	For providing fire protection in case of insulation faults

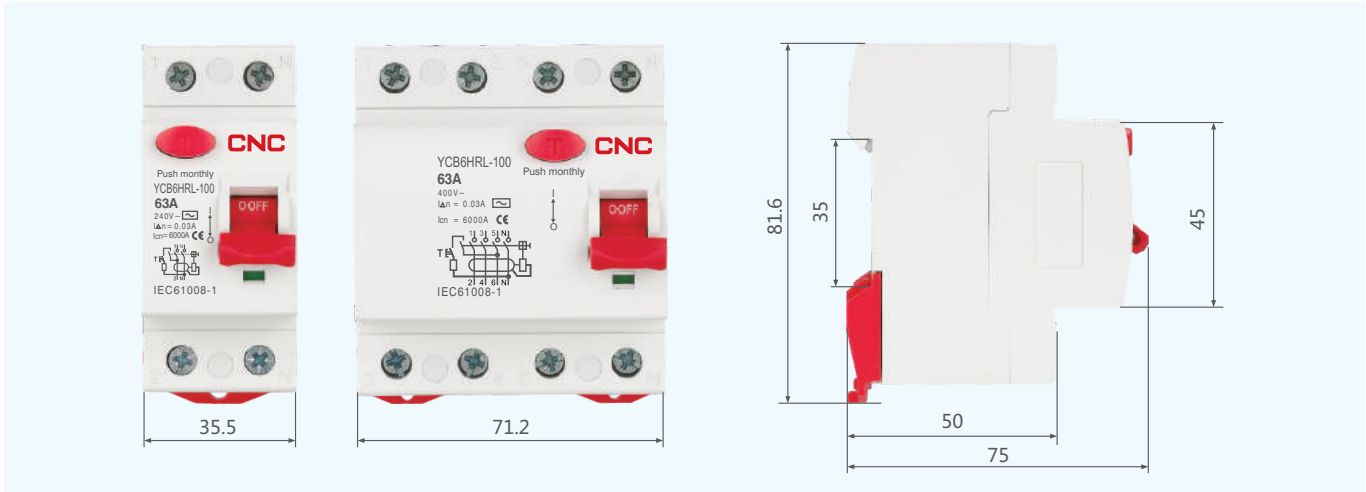
Wiring Diagram



Specifications

Type	Standard		IEC/EN 61008-1
Electrical features	Leakage type		Electromagnetic type
	Rated current In	A	16, 25, 32, 40, 50, 63, 80, 100
	Type (wave form of the earth leakage sensed)		A, AC
	Poles	P	2, 4
	Rated voltage Ue	V	240/415
	Insulation voltage Ui	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity Inc=IΔc	A	6000
	SCPD fuse	A	6000
	Rated impulse withstand voltage (1.2/50) Uimp	V	6000
	Dielectric test voltage at ind. Freq. for 1min	kV	2.5
	Rated sensitivity IΔn	A	0.01, 0.03, 0.1, 0.3, 0.5
	Rated residual making and breaking capacity IΔm	A	500(In≤40A); 630(In > 40A)
Mechanical features	Pollution degree		2
	Electrical life	t	4000
	Mechanical life	t	8000
	Protection degree		IP20
	Storage temperature	°C	-25~+70
Installation	Ambient temperature (with daily average≤35°C)	°C	-25~+40
	Terminal connection type		Cable/U-type bar/Pin-type busbar
	Terminal size top / bottom for cable	mm²	25
		AWG	18-3
	Terminal size top / bottom for busbar	mm²	25
		AWG	18-3
	Tightening torque	N*m	2.5
	In-Ibs		22
Mounting		On DIN rail EN 60715(35mm)by means of fast clip device	
Connection		From top and bottom	

Overall and mounting dimensions(mm)





YCB2RL-100 Residual Current Circuit Breaker

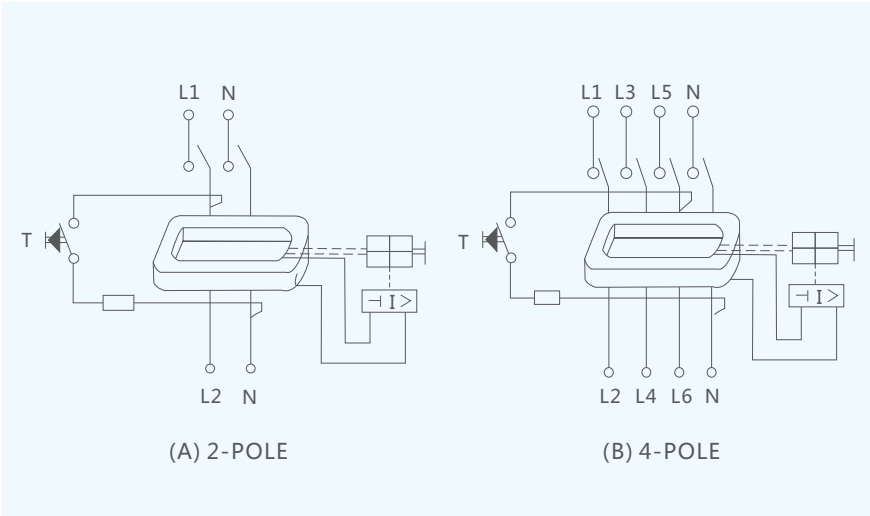
General

- 1. Protection against the effects of sinusoidal alternating earth fault currents
- 2. Protection against indirect contacts and additional protection against direct contacts
- 3. Protection against fire hazard caused by insulation faults
- 4. Controlling and Switching
- 5. Used in residential building, non-residential building, energy sources, industry and infrastructure

Release

Type		Tripping sensitivity data	
AC	For residual sinusoidal alternating currents	30mA	For personnel, material and fire protection, as well as for protection against direct contact
A	For residual sinusoidal alternating currents and residual pulsating direct currents	100mA	For providing protection against indirect contacts
S	For selectivity, with time delay	300mA	For providing fire protection in case of insulation faults

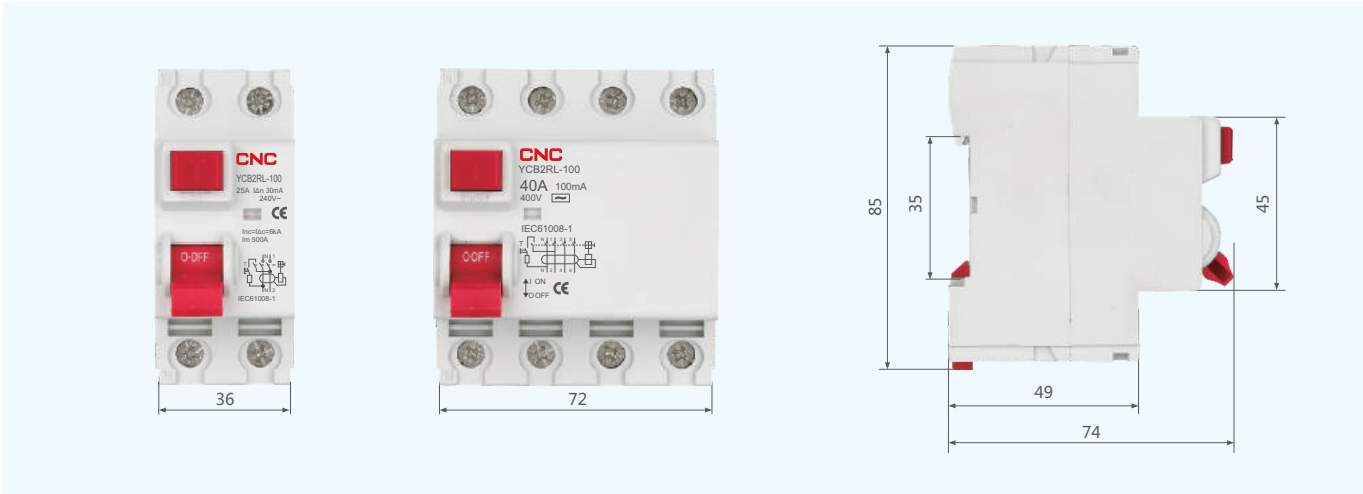
Wiring Diagram



Specifications

Type	Standard		IEC/EN 61008-1
Electrical features	Leakage type		Electromagnetic type
	Rated current In	A	16, 25, 32, 40, 50, 63, 80, 100
	Type (wave form of the earth leakage sensed)		A, AC
	Poles	P	2, 4
	Rated voltage Ue	V	240/415
	Insulation voltage Ui	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity Inc=IΔc	A	6000, 10000
	SCPD fuse	A	10000
	Rated impulse withstand voltage (1.2/50) Uimp	V	6000
	Dielectric test voltage at ind. Freq. for 1min	kV	2.5
	Rated sensitivity I?n	A	0.03, 0.1, 0.3
	Rated residual making and breaking capacity IΔm	A	500(In≤40A); 630(In=63A);1000(In=80A/100A)
Mechanical features	Pollution degree		2
	Electrical life	t	4000
	Mechanical life	t	8000
	Protection degree		IP20
	Storage temperature	°C	-25~+70
Installation	Ambient temperature (with daily average≤35°C)	°C	-5~+40
	Terminal connection type		Cable/Pin-type busbar
	Terminal size top / bottom for cable	mm²	25/35
		AWG	18-3/18-2
	Terminal size top / bottom for busbar	mm²	10/16
		AWG	18-8/18-5
	Tightening torque	N*m	2.5
	In-Ibs		22
Mounting		On DIN rail EN 60715(35mm)by means of fast clip device	
Connection		From top and bottom	

Overall and mounting dimensions(mm)





YCB3RL-100 Residual Current Circuit Breaker

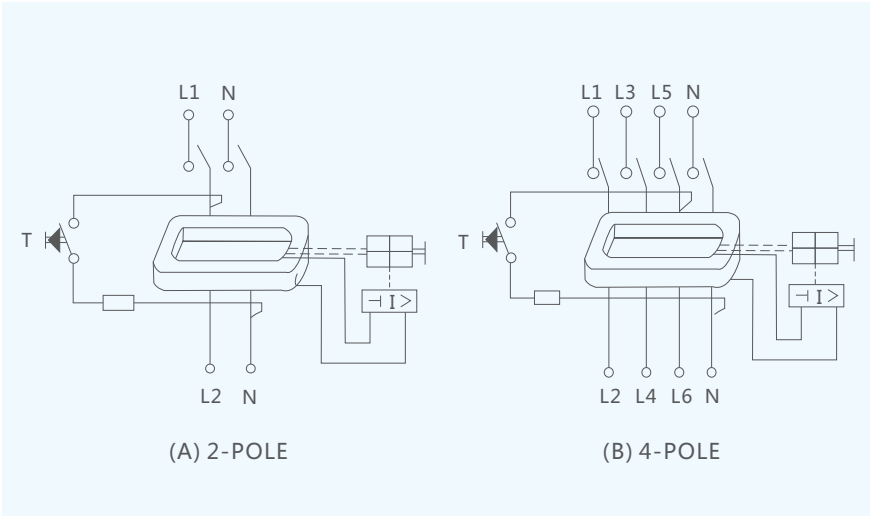
General

- 1. Protection against the effects of sinusoidal alternating earth fault currents
- 2. Protection against indirect contacts and additional protection against direct contacts
- 3. Protection against fire hazard caused by insulation faults
- 4. Controlling and Switching
- 5. Used in residential building, non-residential building, energy sources, industry and infrastructure

Release

Type		Tripping sensitivity data	
AC	For residual sinusoidal alternating currents	30mA	For personnel, material and fire protection, as well as for protection against direct contact
A	For residual sinusoidal alternating currents and residual pulsating direct currents	100mA	For providing protection against indirect contacts
S	For selectivity, with time delay	300mA	For providing fire protection in case of insulation faults

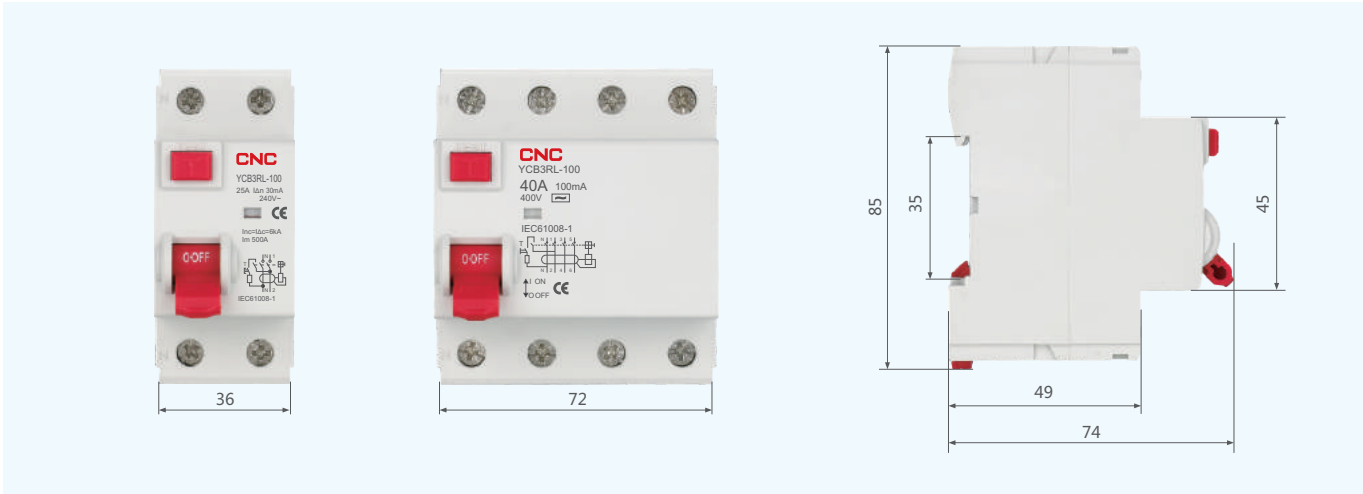
Wiring Diagram



Specifications

Type	Standard		IEC/EN 61008-1
Electrical features	Leakage type		Electromagnetic type
	Rated current In	A	16, 25, 32, 40, 50, 63, 80, 100
	Type (wave form of the earth leakage sensed)		A, AC
	Poles	P	2, 4
	Rated voltage Ue	V	240/415
	Insulation voltage Ui	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity Inc=IΔc	A	6000, 10000
	SCPD fuse	A	10000
	Rated impulse withstand voltage (1.2/50) Uimp	V	6000
	Dielectric test voltage at ind. Freq. for 1min	kV	2.5
	Rated sensitivity I?n	A	0.03, 0.1, 0.3
	Rated residual making and breaking capacity IΔm	A	500(In≤40A); 630(In=63A);1000(In=80A/100A)
	Pollution degree		2
Mechanical features	Electrical life	t	4000
	Mechanical life	t	8000
	Protection degree		IP20
	Storage temperature	°C	-25~+70
	Ambient temperature (with daily average≤35°C)	°C	-5~+40
Installation	Terminal connection type		Cable/Pin-type busbar
	Terminal size top / bottom for cable	mm²	25/35
		AWG	18-3/18-2
	Terminal size top / bottom for busbar	mm²	10/16
		AWG	18-8/18-5
	Tightening torque	N*m	2.5
		In-Ibs	22
	Mounting	On DIN rail EN 60715(35mm)by means of fast clip device	
	Connection	From top and bottom	

Overall and mounting dimensions(mm)





YCB5RL-100 Residual Current Circuit Breaker

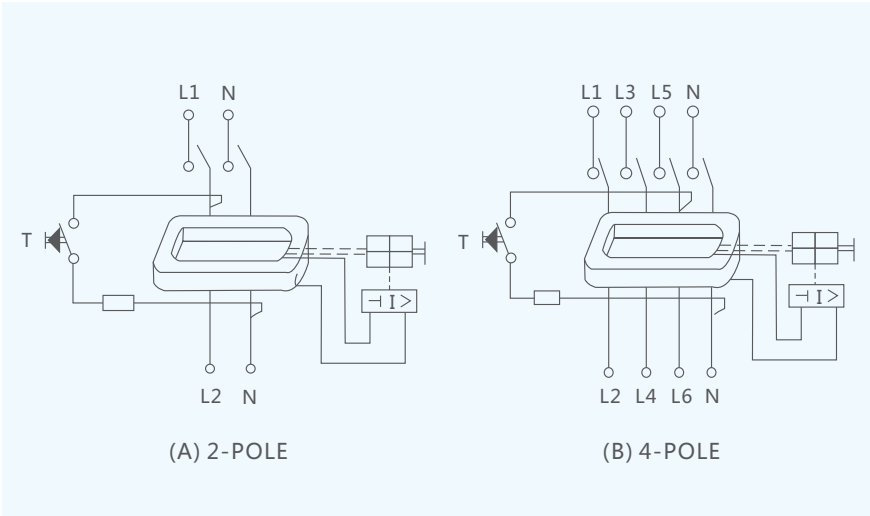
General

- 1. Protection against the effects of sinusoidal alternating earth fault currents
- 2. Protection against indirect contacts and additional protection against direct contacts
- 3. Protection against fire hazard caused by insulation faults
- 4. Controlling and Switching
- 5. Used in residential building, non-residential building, energy sources, industry and infrastructure

Release

Type		Tripping sensitivity data	
AC	For residual sinusoidal alternating currents	30mA	For personnel, material and fire protection, as well as for protection against direct contact
A	For residual sinusoidal alternating currents and residual pulsating direct currents	100mA	For providing protection against indirect contacts
S	For selectivity, with time delay	300mA	For providing fire protection in case of insulation faults

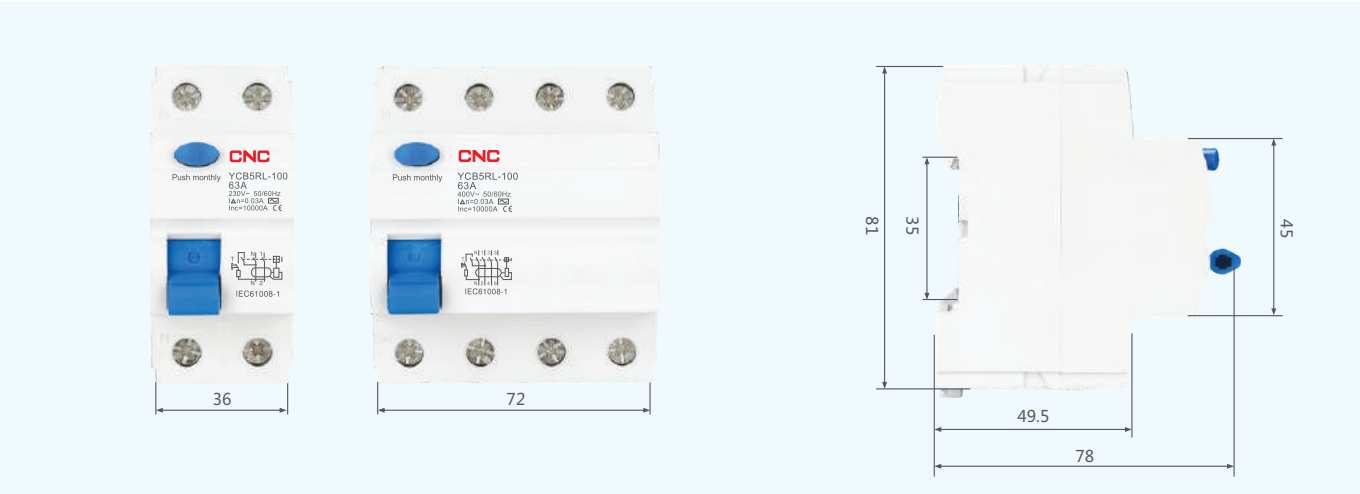
Wiring Diagram



Specifications

Type	Standard		IEC/EN 61008-1
Electrical features	Leakage type		Electromagnetic type
	Rated current In	A	16, 25, 32, 40, 50, 63, 80, 100
	Type (wave form of the earth leakage sensed)		A, AC
	Poles	P	2, 4
	Rated voltage Ue	V	240/415
	Insulation voltage Ui	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity Inc=IΔc	A	6000, 10000
	SCPD fuse	A	≧ 10000
	Rated impulse withstand voltage (1.2/50) Uimp	V	6000
	Dielectric test voltage at ind. Freq. for 1min	kV	2.5
	Rated sensitivity IΔn	A	0.03, 0.1, 0.3
	Rated residual making and breaking capacity IΔm	A	500(In≤40A); 630(In=63A);1000(In=80A/100A)
	Pollution degree		2
Mechanical features	Electrical life	t	4000
	Mechanical life	t	8000
	Protection degree		IP20
	Storage temperature	°C	-25~+70
	Ambient temperature (with daily average≤35°C)	°C	-5~+40
Installation	Terminal connection type		Cable/Pin-type busbar
	Terminal size top / bottom for cable	mm²	25/35
		AWG	18-3/18-2
	Terminal size top / bottom for busbar	mm²	10/16
		AWG	18-8/18-5
	Tightening torque	N*m	2.5
		In-Ibs	22
	Mounting		On DIN rail EN 60715(35mm)by means of fast clip device
	Connection		From top and bottom

Overall and mounting dimensions(mm)





YCL362



YCL364



YCL362



YCL364

YCL360 Residual Current Circuit Breaker

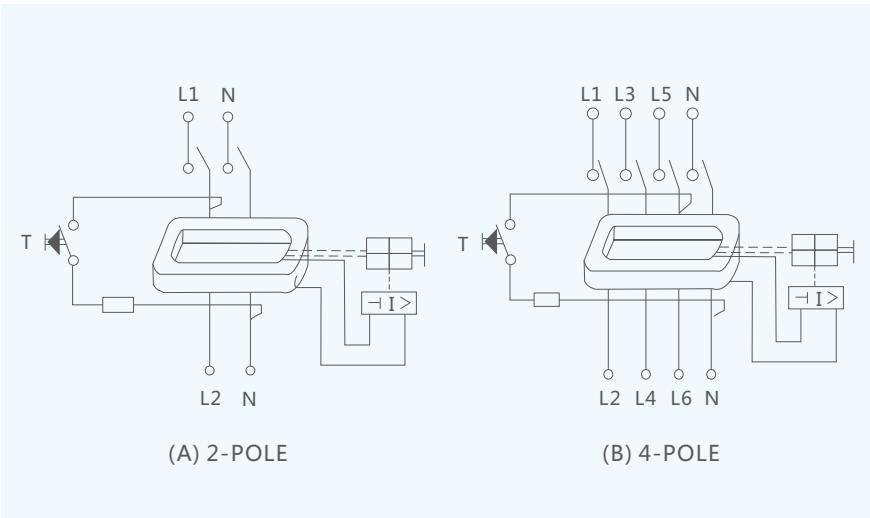
General

- 1. Protection against the effects of sinusoidal alternating earth fault currents
- 2. Protection against indirect contacts and additional protection against direct contacts
- 3. Protection against fire hazard caused by insulation faults
- 4. Controlling and Switching
- 5. Used in residential building, non-residential building, energy sources, industry and infrastructure

Release

Type		Tripping sensitivity data	
AC	For residual sinusoidal alternating currents	30mA	For personnel, material and fire protection, as well as for protection against direct contact
A	For residual sinusoidal alternating currents and residual pulsating direct currents	100mA	For providing protection against indirect contacts

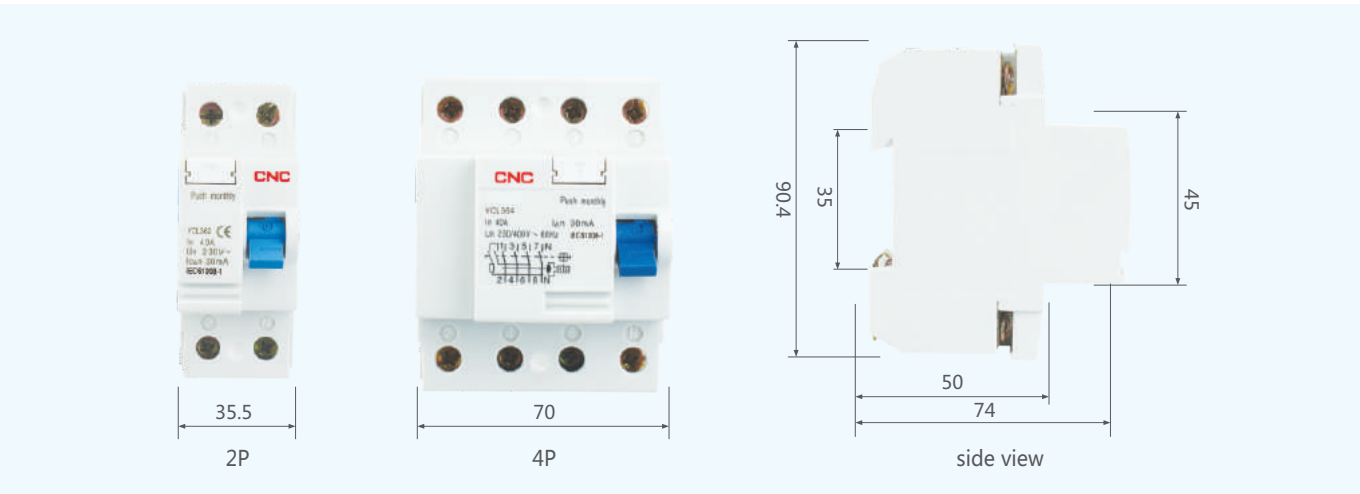
Wiring Diagram



Specifications

Type	Standard	IEC/EN 61008-1	
Electrical features	Leakage type		Electromagnetic type
	Rated current In	A	16, 25, 32, 40, 50, 63, 80, 100
	Type (wave form of the earth leakage sensed)		A, AC
	Poles	P	2,4
	Rated voltage Ue	V	240/415
	Insulation voltage Ui	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity Inc=IΔc	A	4500,6000
	SCPD fuse	A	6000
	Rated impulse withstand voltage (1.2/50) Uimp	V	6000
	Dielectric test voltage at ind. Freq. for 1min	kV	2.5
	Rated sensitivity I?n	A	0.03, 0.1, 0.3
	Rated residual making and breaking capacity IΔm	A	500(In≤40A); 630(In > 40A)
Mechanical features	Pollution degree		2
	Electrical life	t	4000
	Mechanical life	t	8000
	Protection degree		IP20
	Storage temperature	°C	-25~+70
	Ambient temperature (with daily average≤35°C)	°C	-5~+40
Installation	Terminal connection type		Cable/U-type bar/Pin-type busbar
	Terminal size top / bottom for cable	mm²	25
		AWG	18-3
	Terminal size top / bottom for busbar	mm²	25
		AWG	18-3
	Tightening torque	N*m	2.5
	In-Ibs		18
	Mounting	On DIN rail EN 60715(35mm)by means of fast clip device	
Connection		From top and bottom	

Overall and mounting dimensions(mm)





YCB6N-40 DPN Miniature Circuit Breaker

General

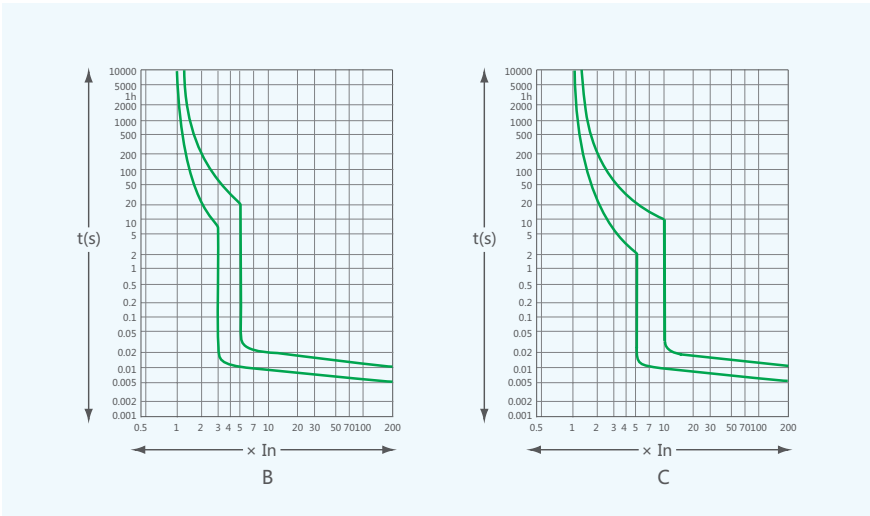
- 1. Overload protection
- 2. Short circuit protection
- 3. Controlling
- 4. Used in residential building, non-residential building, energy source industry and infrastructure.
- 5. According to the type of instantaneous release classified as follows: type B(3-5)In, type C(5-10)In

Release

Type	Test current	Tripping time	Type	Test current	Tripping time
B,C	1.13In	t≤1h(In≤63A)	B	3In	t≤0.1s
	1.13In	t≤2h(In>63A)			
B,C	1.45In	t<1h(In≤63A)	C	5In	t≤0.1s
	1.45In	t<2h(In>63A)			
B,C	2.55In	1s<t<60s(In≤32A)	B	5In	t<0.1s
	2.55In	1s<t<120s(In>32A)			
			C	10In	t<0.1s

Curve

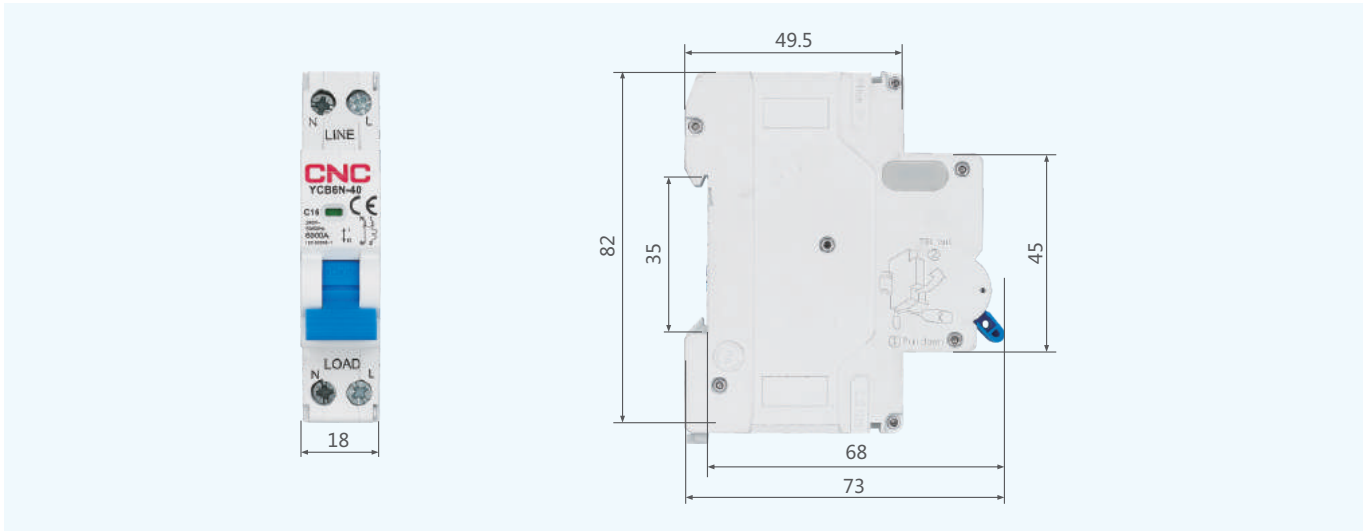
B,C Curve



Specifications

Type	Standard		IEC/EN 60898-1
Electrical features	Rated current In	A	6, 10, 16, 20, 25, 32, 40
	Poles	P	1P+N
	Rated voltage Ue	V	240
	Insulation voltage Ui	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity	A	4500, 6000
	Rated impulse withstand voltage(1.2/50)Uimp	V	4000
	Dielectric test voltage at ind. Freq. for 1min	kV	2
	Pollution degree		2
	Thermo-magnetic release characteristic		B, C
Mechanical features	Electrical life	t	4000
	Mechanical life	t	10000
	Protection degree		IP20
	Reference temperature for setting of thermal element	°C	30
	Ambient temperature (with daily average≤35°C)	°C	-5~+40
	Storage temperature	°C	-25~+70
Installation	Terminal connection type		Cable/Pin-type busbar
	Terminal size top / bottom for cable	mm²	16
		AWG	18-5
	Terminal size top / bottom for busbar	mm²	10
		AWG	18-5
	Tightening torque	N*m	2
		In-lbs	18
	Mounting		On DIN rail EN 60715(35mm)by means of fast clip device
	Connection		From top and bottom

Overall and mounting dimensions(mm)



YCB2-63 Miniature Circuit Breaker

General

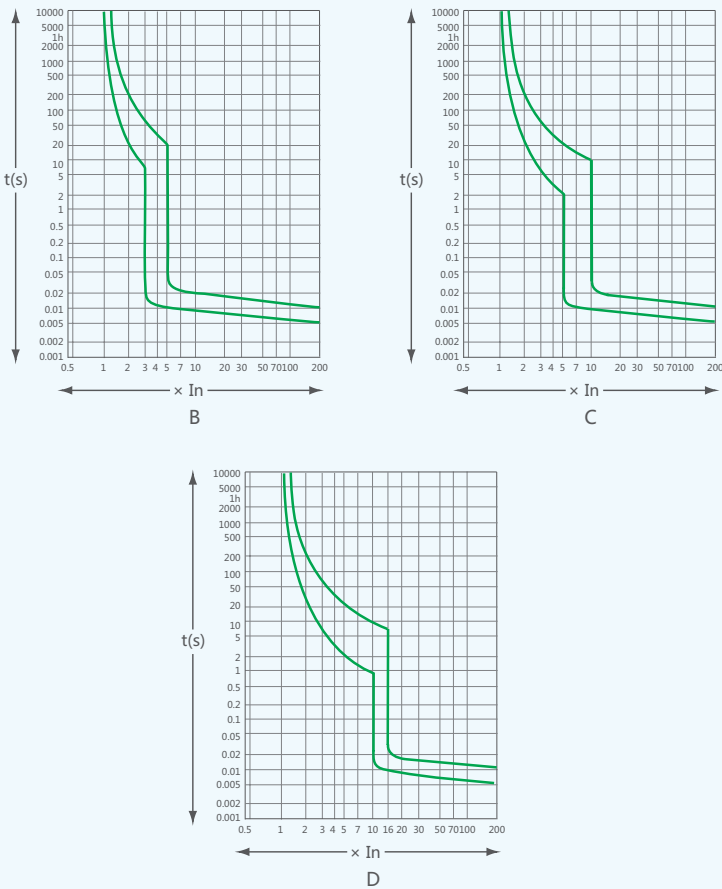
- 1. Overload protection
- 2. Short circuit protection
- 3. Controlling
- 4. Used in residential building, non-residential building, energy source industry and infrastructure.
- 5. According to the type of instantaneous release classified as follows: type B(3-5)In, type C(5-10)In, type D(10-16)In

Release

Type	Test current	Tripping time	Type	Test current	Tripping time
B,C,D	1.13In	t≤1h(In≤63A)	B	3In	t≤0.1s
	1.13In	t≤2h(In>63A)	C	5In	t≤0.1s
B,C,D	1.45In	t<1h(In≤63A)	D	10In	t≤0.1s
	1.45In	t<2h(In>63A)	B	5In	t<0.1s
B,C,D	2.55In	1s<t<60s(In≤32A)	C	10In	t<0.1s
	2.55In	1s<t<120s(In>32A)	D	16In	t<0.1s

Curve

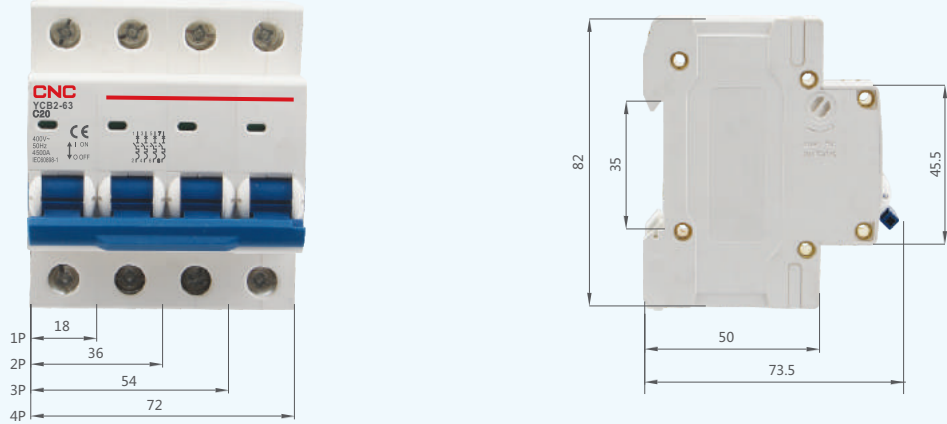
B,C,D Curve



Specifications

Type	Standard		IEC/EN 60898-1
Electrical features	Rated current In	A	1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63
	Poles	P	1, 2, 3, 4
	Rated voltage Ue	V	240/415
	Insulation voltage Ui	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity	A	4500
	Rated impulse withstand voltage(1.2/50)Uimp	V	4000
	Dielectric test voltage at ind. Freq. for 1min	kV	2
	Pollution degree		2
	Thermo-magnetic release characteristic		B, C, D
Mechanical features	Electrical life	t	6000
	Mechanical life	t	20000
	Protection degree		IP20
	Reference temperature for setting of thermal element	°C	30
	Ambient temperature (with daily average≤35°C)	°C	-5~+40
	Storage temperature	°C	-25~+70
Installation	Terminal connection type		Cable/U-type bar/Pin-type busbar
	Terminal size top / bottom for cable	mm²	25
		AWG	18-3
	Terminal size top / bottom for busbar	mm²	25
		AWG	18-3
	Tightening torque	N*m	2
	In-Ibs		18
Mounting			On DIN rail EN 60715(35mm)by means of fast clip device
Connection			From top and bottom

Overall and mounting dimensions(mm)



DZ47-63 Miniature Circuit Breaker

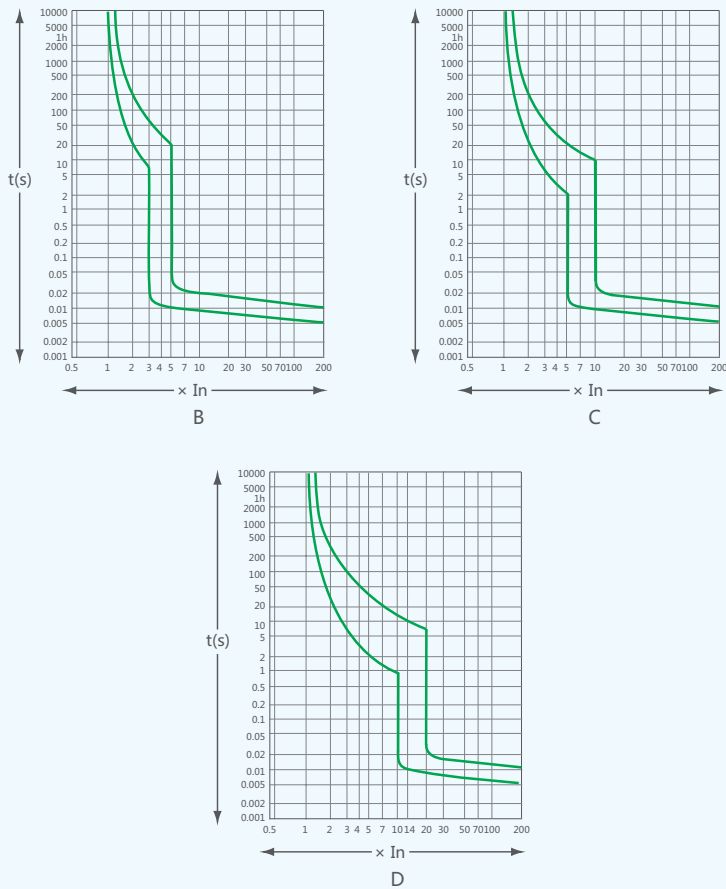
General

- 1. Overload protection
- 2. Short circuit protection
- 3. Controlling
- 4. Used in residential building, non-residential building, energy source industry and infrastructure.
- 5. According to the type of instantaneous release classified as follows : type B(3-5)In, type C(5-10)In, type D(10-20)In

Release

Type	Test current	Tripping time	Type	Test current	Tripping time
B,C,D	1.13In	t≤1h(In≤63A)	B	3In	t≤0.1s
	1.13In	t≤2h(In>63A)	C	5In	t≤0.1s
B,C,D	1.45In	t<1h(In≤63A)	D	10In	t≤0.1s
	1.45In	t<2h(In>63A)	B	5In	t<0.1s
B,C,D	2.55In	1s<t<60s(In≤32A)	C	10In	t<0.1s
	2.55In	1s<t<120s(In>32A)	D	20In	t<0.1s

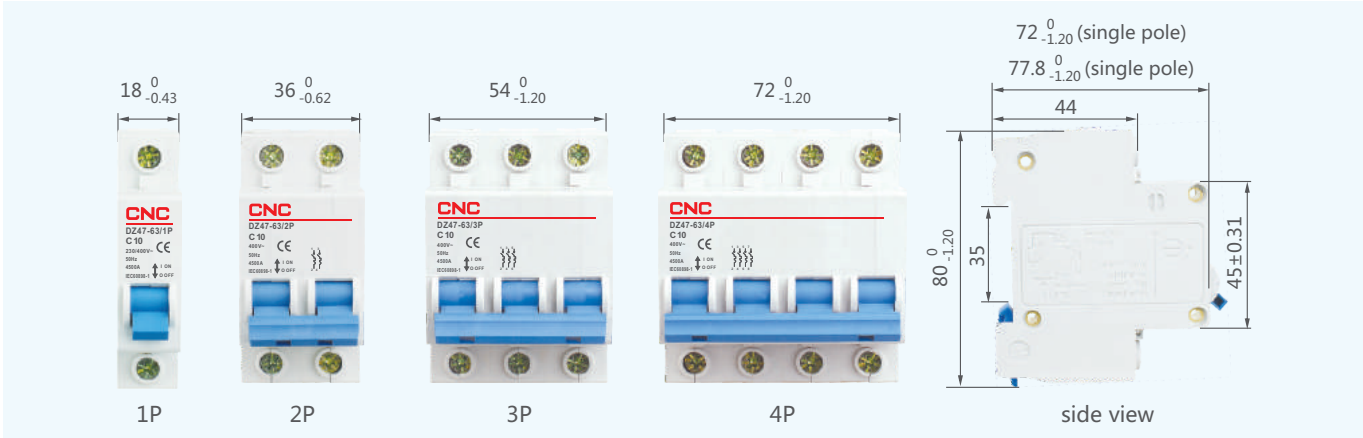
Curve



Specifications

Type	Standard		IEC/EN 60898-1
Electrical features	Rated current In	A	1, 2, 6, 10, 16, 20, 25, 32, 40, 50, 63
	Poles	P	1, 2, 3, 4
	Rated voltage Ue	V	230/400
	Insulation voltage Ui	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity	A	3000, 4500
	Rated impulse withstand voltage(1.2/50) Uimp	V	4000
	Dielectric test voltage at ind. Freq. for 1min	kV	2
	Pollution degree		2
	Thermo-magnetic release characteristic		B, C, D
Mechanical features	Electrical life	t	4000
	Mechanical life	t	10000
	Protection degree		IP20
	Reference temperature for setting of thermal element	°C	30
	Ambient temperature (with daily average ≤35°C)	°C	-5~+40(Special application please refer to temperature compensation correction)
	Storage temperature	°C	-25~+70
Installation	Terminal connection type		Cable/Pin-type busbar
	Terminal size top / bottom for cable	mm²	25
		AWG	18~3
	Terminal size top / bottom for busbar	mm²	25
		AWG	18~3
	Tightening torque	N*m	2
		In-lbs	18
	Mounting		On DIN rail EN 60715(35mm)by means of fast clip device
	Connection		From top and bottom

Overall and mounting dimensions(mm)

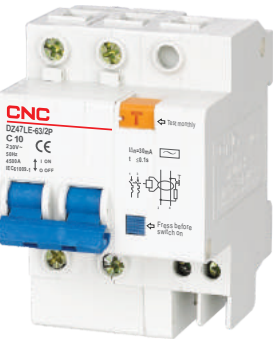




DZ47LE-63 Earth Leakage Circuit Breaker

General

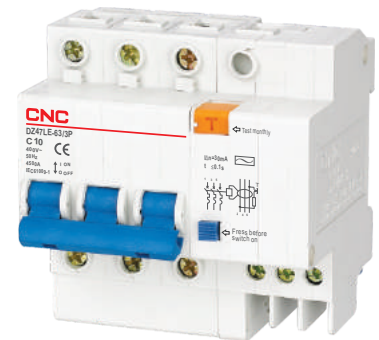
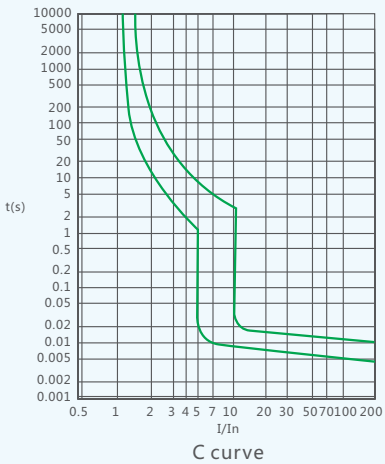
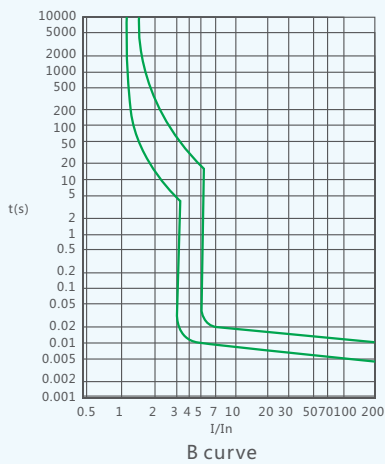
- 1. Protection against overload and short-circuit currents
- 2. Protection against the effects of sinusoidal alternating earth fault currents
- 3. Protection against indirect contacts and additional protection against direct contacts.
- 4. Protection against fire hazard caused by insulation faults
- 5. Used in residential building
- 6. According to the type of instantaneous release classified as follows : type B(3-5)In, type C(5-10)In



Release

Type	Test current	Tripping time	Type	Test current	Tripping time
B,C	1.13In	t≥1h(In≤63A)	B	3In	t≥0.1s
	1.13In	t≥2h(In>63A)	C	5In	t≥0.1s
B,C	1.45In	t<1h(In≤63A)		5In	t<0.1s
	1.45In	t<2h(In>63A)	B	5In	t<0.1s
B,C	2.55In	1s<t<60s(In≤32A)	C	10In	t<0.1s
	2.55In	1s<t<120s(In>32A)		10In	t<0.1s

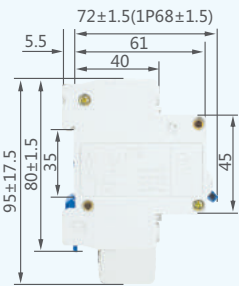
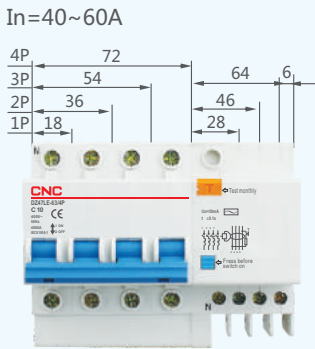
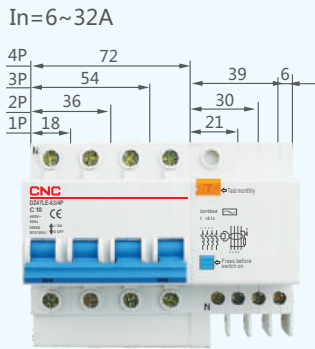
Curve



Specifications

Type	Standard		IEC/EN 61009-1
Electrical features	Poles	P	1P+N, 2, 3, 3P+N, 4
	Type(wave form of the earth leakage sensed)		AC
	Thermo-magnetic release characteristic		B, C
	Rated current In	A	6, 10, 16, 20, 25, 32, 40, 50, 63
	Rated voltage Ue	V	230/400
	Rated sensitivity IΔn	A	0.03, 0.05, 0.1, 0.3
	Rated residual making and breaking capacity IΔm	A	500(In≤40A) 630(In>40A)
	Rated short-circuit capacity Icn	A	3000, 4500
	Break time under IΔn	s	≤0.1
	Rated frequency	Hz	50/60
	Rated impulse withstand voltage(1.2/50)Uimp	V	4000
	Dielectric test voltage at ind.Freq.for 1min	kV	2
	Insulation voltage Ui	V	500
	Pollution degree		2
Mechanical features	Electrical life	t	2000
	Mechanical life	t	8500
	Contact position indicator		Yes
	Protection degree		IP20
	Ambient temperature(with daily average≤35°C)	°C	-5~+40
	Storage temperature	°C	-25~+70
Installation	Terminal connection type		Cable/Pin-type busbar
	Terminal size top/bottom for cable	mm²	25
		AWG	18-3
	Terminal size top/bottom for busbar	mm²	25
		AWG	18-3
	Tightening torque	N*m	2
		In-lbs	18
	Mounting		On DIN rail EN60715(35mm)by means of fast clip device
	Connection		From top

Overall and mounting dimensions(mm)





DZ30-32 DPN Miniature Circuit Breaker

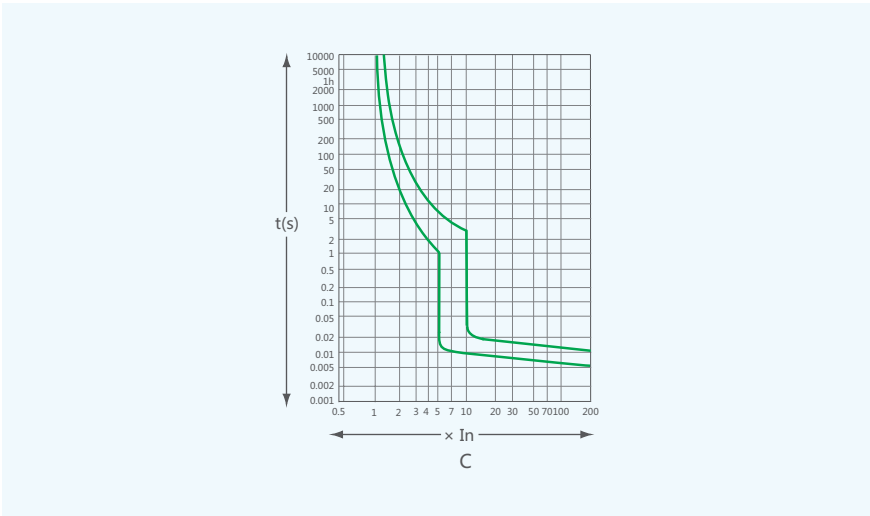
General

- 1. Overload protection
- 2. Short circuit protection
- 3. Controlling
- 4. Used in residential building, non-residential building, energy source industry and infrastructure.
- 5. According to the type of instantaneous release classified as follows : type B(3-5)In, type C(5-10)In

Release

Type	Test current	Tripping time	Type	Test current	Tripping time
B,C	1.13In	t≤1h(In≤63A)	B	3In	t≤0.1s
	1.13In	t≤2h(In>63A)			
B,C	1.45In	t<1h(In≤63A)	C	5In	t≤0.1s
	1.45In	t<2h(In>63A)			
B,C	2.55In	1s<t<60s(In≤32A)	B	5In	t<0.1s
	2.55In	1s<t<120s(In>32A)			
			C	10In	t<0.1s

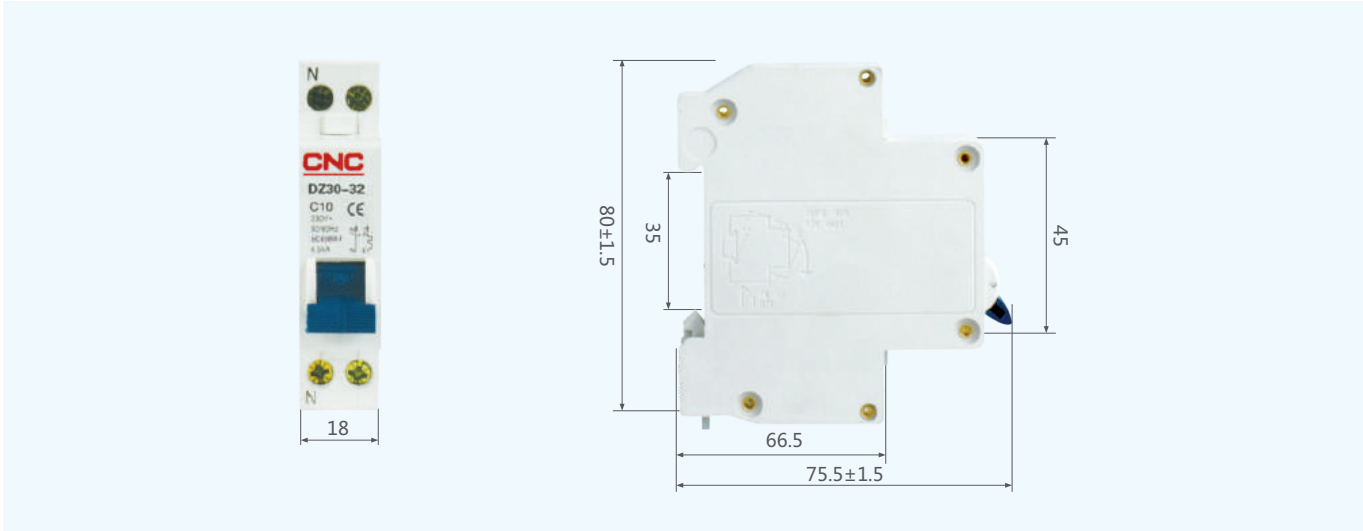
Curve



Specifications

Type	Standard		IEC/EN 60898-1
Electrical features	Rated current In	A	6, 10, 16, 20, 25, 32
	Poles	P	1P+N
	Rated voltage Ue	V	240
	Insulation voltage Ui	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity	A	3000
	Rated impulse withstand voltage(1.2/50)Uimp	V	4000
	Dielectric test voltage at ind. Freq. for 1min	kV	2
	Pollution degree		2
	Thermo-magnetic release characteristic		B, C
Mechanical features	Electrical life	t	4000
	Mechanical life	t	10000
	Protection degree		IP20
	Reference temperature for setting of thermal element	°C	30
	Ambient temperature (with daily average≤35°C)	°C	-5~+40
	Storage temperature	°C	-25~+70
Installation	Terminal connection type		Cable/Pin-type busbar
	Terminal size top / bottom for cable	mm2	16
		AWG	18-5
	Terminal size top / bottom for busbar	mm2	10
		AWG	18-5
	Tightening torque	N*m	2
		In-lbs	18
	Mounting		On DIN rail EN 60715(35mm)by means of fast clip device
	Connection		From top and bottom

Overall and mounting dimensions(mm)





DZ30LE-32 Earth Leakage Circuit Breaker

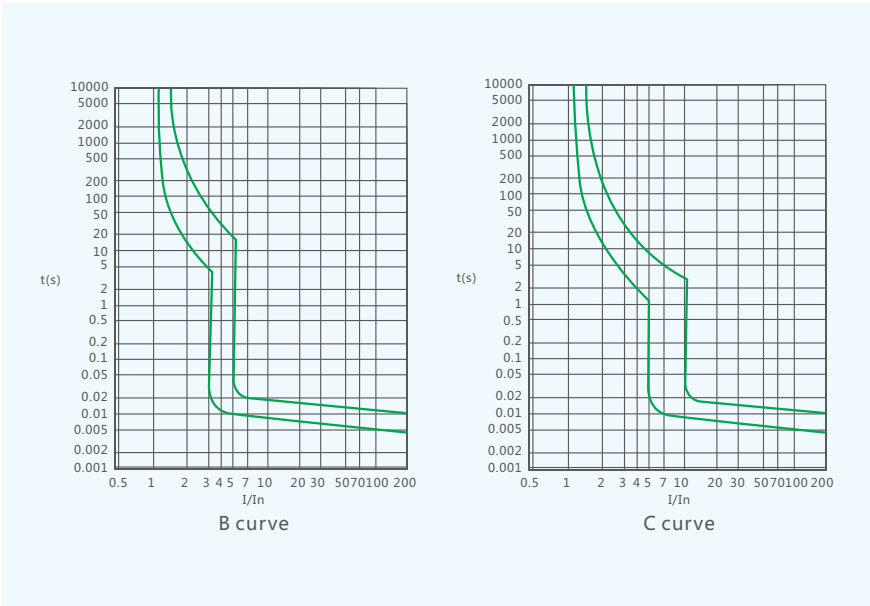
General

- 1. Protection against overload and short-circuit currents
- 2. Protection against the effects of sinusoidal alternating earth fault currents
- 3. Protection against indirect contacts and additional protection against direct contacts.
- 4. Protection against fire hazard caused by insulation faults
- 5. Used in residential building
- 6. According to the type of instantaneous release classified as follows : type B(3-5)In, type C(5-10)In

Release

Type	Test current	Tripping time	Type	Test current	Tripping time
B,C	1.13In	t≥1h(In≤63A)	B	3In	t≥0.1s
	1.13In	t≥2h(In > 63A)			
B,C	1.45In	t < 1h(In≤63A)	C	5In	t≥0.1s
	1.45In	t < 2h(In > 63A)			
B,C	2.55In	1s < t < 60s(In≤32A)	B	5In	t < 0.1s
	2.55In	1s < t < 120s(In > 32A)			
			C	10In	t < 0.1s

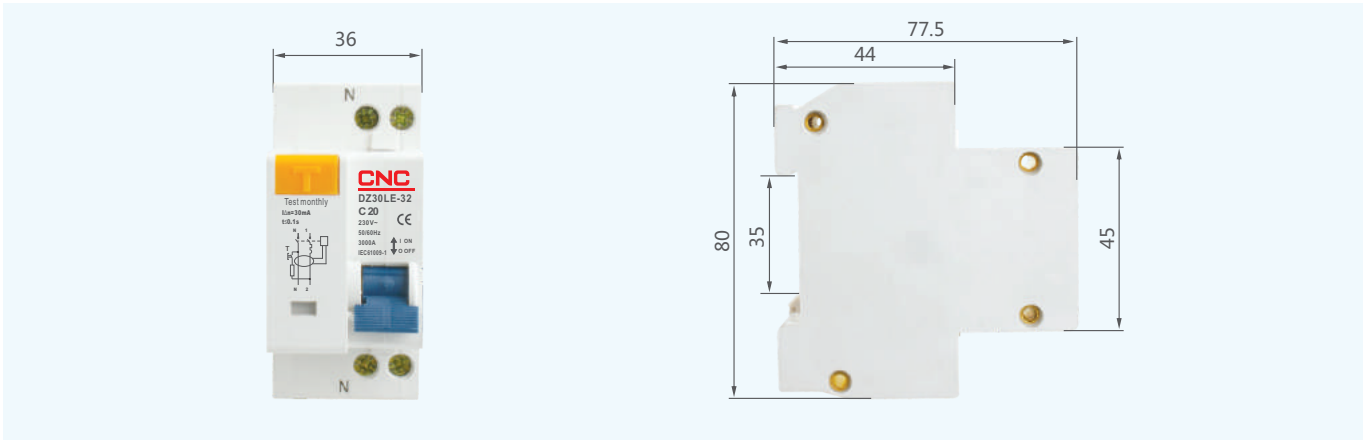
Curve



Specifications

Type	Standard		IEC/EN 61009-1
Electrical features	Type(wave form of the earth leakage sensed)		AC
	Thermo-magnetic release characteristic		B, C
	Rated current In	A	6, 10, 16, 20, 25, 32
	Poles	P	1P+N
	Rated voltage Ue	V	230
	Rated sensitivity IΔn	A	0.03
	Rated residual making and breaking capacity IΔm	A	500
	Rated short-circuit capacity Icn	A	3000
	Break time under IΔn	s	≤0.1
	Rated frequency	Hz	50/60
	Rated impulsewithstand voltage(1.2/50)Uimp	V	4000
	Dielectric test voltage at ind.Freq for 1min	kV	2
	Insulation voltage Ui	V	250
Mechanical features	Pollution degree		2
	Electrical life		2000
	Mechanical life		2000
	Fault current Indicator		Yes
	Protection degree		IP20
	Ambient temperature (with daily average≤35°C)	°C	-5~+40(Special application please refer to temperature compensation correction)
Installation	Storage temperature	°C	-25~+70
	Terminal connection type		Cable/Pin-type busbar
	Terminal size top/bottom for cable	mm²	16
		AWG	18-5
	Terminal size top/bottom for busbar	mm²	25
		AWG	18-3
	Mounting		On DIN rail EN60715(35mm)by means of fast clip device
	Connection		From top

Overall and mounting dimensions(mm)

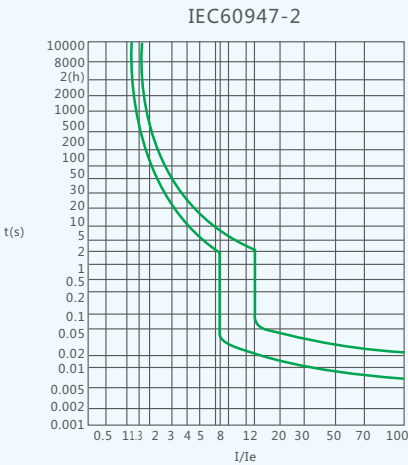
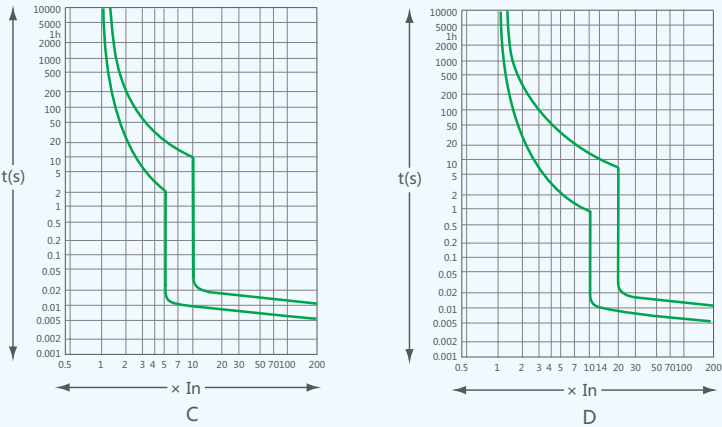


YCB1-125 Miniature Circuit Breaker

General

1. Application:
For protecting cables and equipments against overload and short circuit.
2. General rules for choosing MCB.
Technical data of the network at the point considered:
The earthing systems, short-circuit current at the circuit breaker installation point, which must always be less than the breaking capacity of this device, network normal voltage.

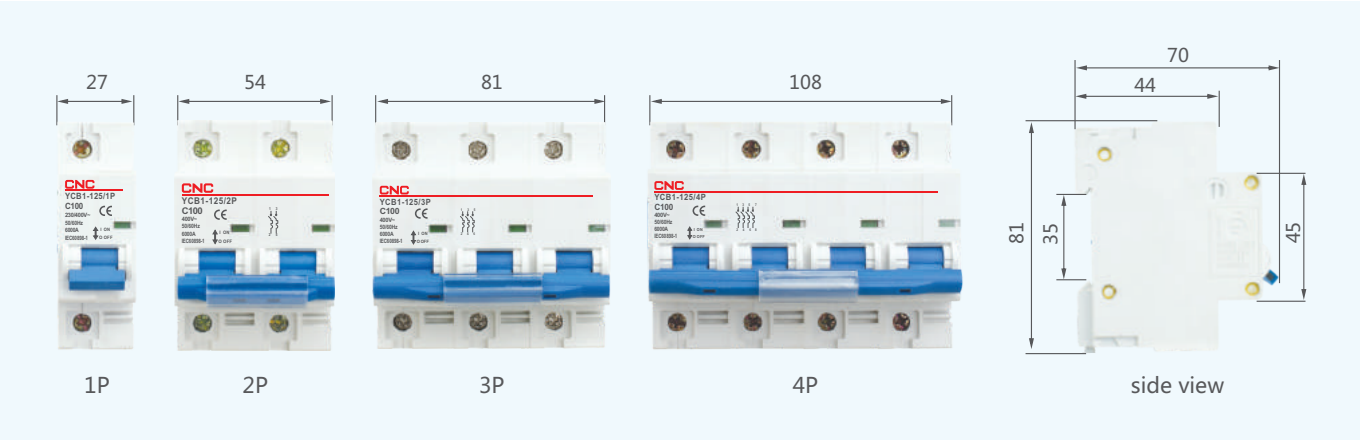
Curves



Specifications

Type	Standard		IEC/EN 60947-2, IEC/EN 60898-1
Electrical features	Rated current In	A	6, 10, 16, 25, 32, 40, 50, 63, 80, 100, 125
	Poles	P	1, 2, 3, 4
	Rated voltage Ue	V	230/400
	Insulation voltage Ui	V	500
	Rated frequency	Hz	50/60
	Rated breaking capacity	A	6000
	Rated impulse withstand voltage(1.2/50) Uimp	V	6000
	Dielectric test voltage at ind. Freq. for 1min	kV	2.5
	Pollution degree		3
Mechanical features	Thermo-magnetic release characteristic		8-12In, C, D
	Electrical life	t	1500
	Mechanical life	t	8000
	Contact position indicator		Yes
	Protection degree		IP20
	Reference temperature for setting of thermal element		-5~+40(Special application please refer to temperature compensation correction)
Installation	Ambient temperature (with daily average ≤35°C)	°C	30
	Storage temperature	°C	-25~+70
	Terminal connection type	°C	Cable/Pin-type busbar
	Terminal size top / bottom for cable	mm²	35
		AWG	18-1/0
	Terminal size top / bottom for busbar	mm²	35
		AWG	18-1/0
	Tightening torque	N*m	3.5
		In-lbs	31
	Mounting		On DIN rail EN60715(35mm)by means of fast clip device
	Connection		From top

Overall and mounting dimensions(mm)





YCH1-125 Isolating Switch

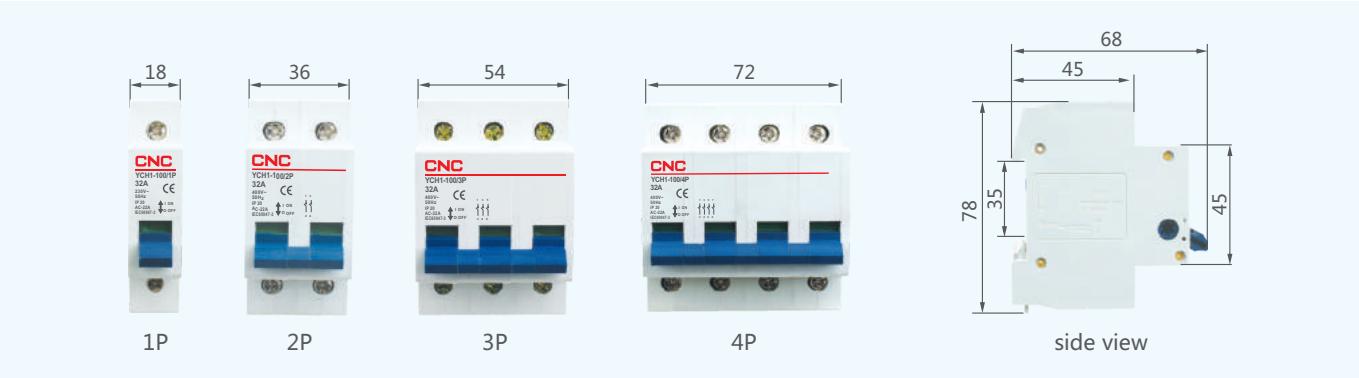
General

- 1. Making and breaking under the load condition
- 2. Providing safety isolation for terminal distribution system
- 3. Used in residential building, non-residential building

Specifications

Type	Standard		IEC/EN 60947-3
Electrical features	Poles	P	1, 2, 3, 4
	Rated voltage Ue	V	230/400
	Rated current Ie	A	32, 63, 100,125
	Rated frequency	Hz	50/60
	Rated impulse withstand voltage(1.2/50)Uimp	V	4000
	Rated short-time withstand current Icw		12Ie, 1s
	Rated making and breaking capacity		3Ie, 1.05Ue, cosΦ=0.65
	Rated short circuit making capacity		20Ie, t=0.1s
	Dielectric test voltage at ind.Freq.for 1min	kV	2.5
	Insulation voltage Ui	V	500
Mechanical features	Pollution degree		2
	Electrical life	t	1500
	Mechanical life	t	8500
	Protection degree		IP20
	Ambient temperature(with daily average≤35°C)	°C	-5~+40
Installation	Terminal size top/bottom for cable and pin-type busbar	mm²	35
		AWG	18-1/0

Overall and mounting dimensions(mm)



Products Overview

YCH9-125 series isolating switch is suitable in the resistive circuit of AC 50/60HZ, rated voltage 230/400V, rated current up to 125A. It's used primarily for circuit's turning on or off in non-load ed situation. And it functions on connection and isolation between lines and power, especially suitable to isolate power effectively and prevent circuit breaker from closing accidentally when maintain the circuit in order to ensure the safe operation of maintainer.
Product standard: IEC600947-3, GB14048.3

Normal Operating Conditions

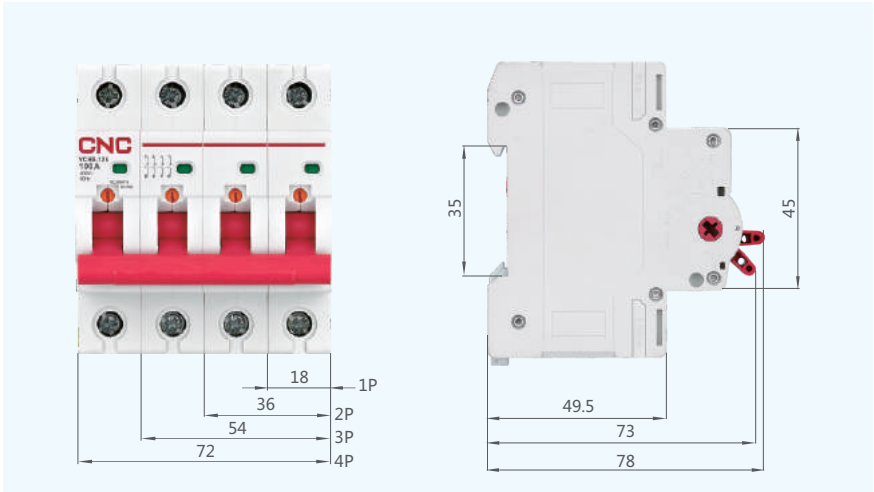
- 1. Ambient Temperature: -25°C~+60°C
- 2. Altitude: Not higher than 2000m
- 3. Use Category: AC-22A
- 4. Installation Method: Embedded vertical standard rail mounting
- 5. Wiring Method: Clamp connection wire with screw, tightening torque 2.5N.m

Main Technical Parameters

Item	Data
Rated Voltage Ue	AC240/415V
Poles	1P, 2P, 3P, 4P
Rated current Ie	32A, 63A, 80A, 100A, 125A
Rated impulse withstand voltage Uimp	(1.2/50us, 2000m) 4KV
Mechanical life	8500
Electrical life	1500

Rated current In(A)	Copper wire cross-sectional area
32	6
63	16
80	25
100	35
125	50

Overall and mounting dimensions(mm)

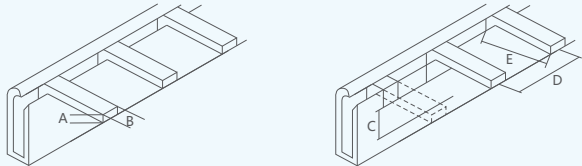


Busbar Pin

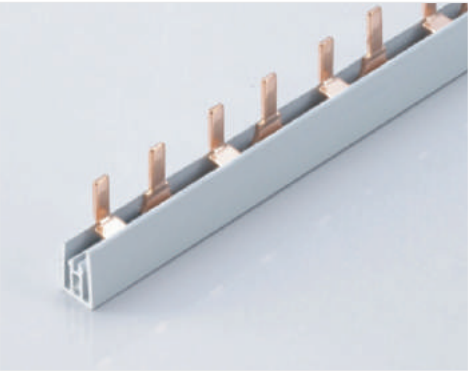
Material: Copper
Features: good conductivity, low contact resistance, safe and reliable performance.



PIN 1P



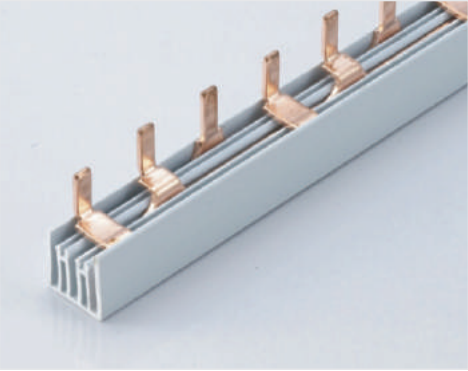
Specification	Model	A	B	C	D	E	Reference current
PIN	1P	1.5	4	9	17.8	11.5	80A
PIN	1P	1.8	4	9	17.8	11.5	100A



PIN 2P



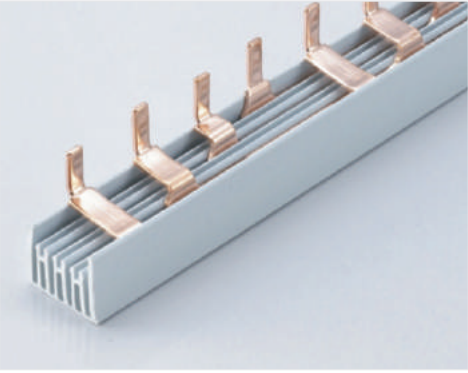
Specification	Model	A	B	C	D	E	Reference current
PIN	2P	1.5	4	9	17.8	11.5	80A
PIN	2P	1.8	4	9	17.8	11.5	100A



PIN 3P



Specification	Model	A	B	C	D	E	Reference current
PIN	3P	1.5	4	9	17.8	11.5	80A
PIN	3P	1.8	4	9	17.8	11.5	100A



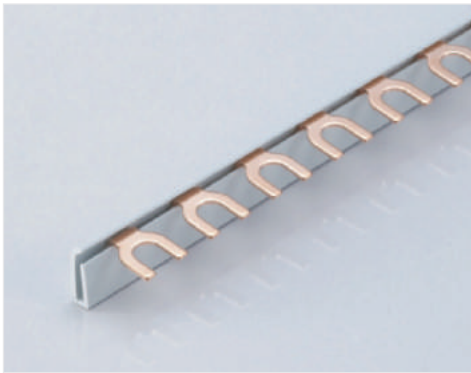
PIN 4P



Specification	Model	A	B	C	D	E	Reference current
PIN	4P	1.5	4	9	17.8	11.5	80A
PIN	4P	1.8	4	9	17.8	11.5	100A

Busbar Pin

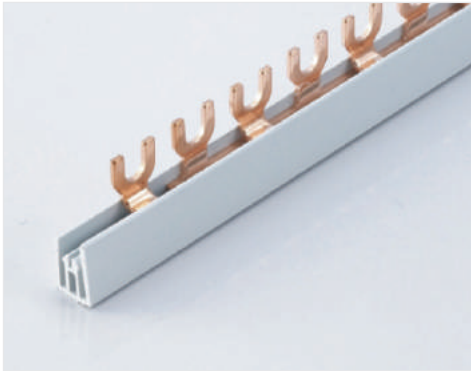
Material: Copper
Features: good conductivity, low contact resistance, safe and reliable performance.



FORK 1P



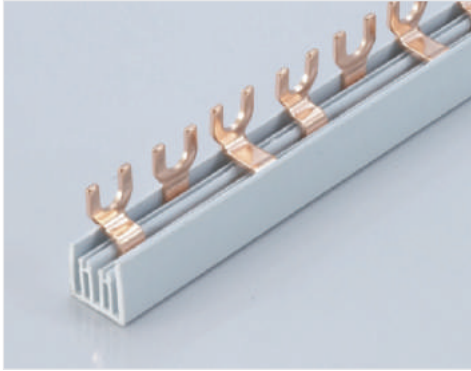
Specification	Model	A	B	C	D	E	F	Reference current
FORK	1P	1.5	17.8	9	12	6	12	80A
FORK	1P	1.8	17.8	9	12	6	12	100A



FORK 2P



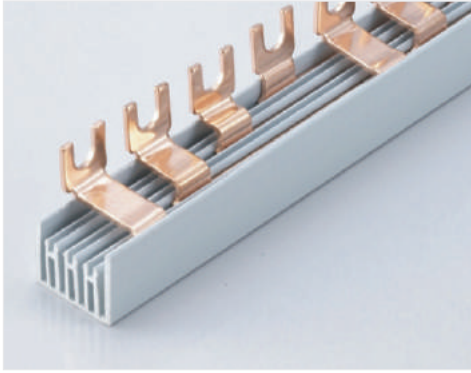
Specification	Model	A	B	C	D	E	F	Reference current
FORK	2P	1.5	17.8	9	12	6	12	80A
FORK	2P	1.8	17.8	9	12	6	12	100A



FORK 3P



Specification	Model	A	B	C	D	E	F	Reference current
FORK	3P	1.5	17.8	9	12	6	12	80A
FORK	3P	1.8	17.8	9	12	6	12	100A



FORK 4P



Specification	Model	A	B	C	D	E	F	Reference current
FORK	4P	1.5	17.8	9	12	6	12	80A
FORK	4P	1.8	17.8	9	12	6	12	100A



YCS6-B Surge Protection Device

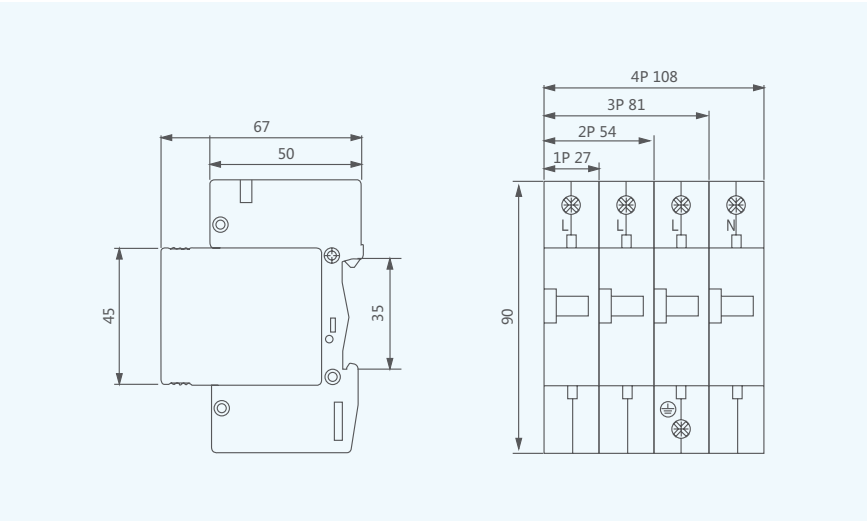
General

YCS6-B series Surge Protection Device is suitable for TT, IT, TN-S, TN-C and TN-C-S, the power supply system with the rated voltage up to 230/400V and AC 50/60Hz. Its design corresponds to IEC61643-1, GB18802.1 and GB50057. The product is usually installed in the incoming line low voltage distribution box of the building, and it can release 100kA lightning stroke current.

Specifications

Parameters	Product Model	YCS6-B					
Rated Operating Voltage Uc(V~)		220V	380V	220V	380V	220V	380V
Maximum Continuous Operating Voltage Uc(V~)		275V	385V	420V	275V	385V	420V
Voltage Protection Level Up(V~)kV		≤18	≤2.0	≤2.2	≤2.0	≤2.2	≤2.4
Nominal Discharge Current In(8/20μs)kA		30	40	60			
Maximum Discharge Current Imax(8/20μs)kA		60	80	100			
Response Time ns		< 25					
L/N(mm2)The Cross Section of L/N Line		6					
PE(mm2)The Cross Section of PE Line		10					
Fuse or Switch(A)		63A					
Operating Environment°C		-40°C~+85°C					
Relative Humidity(25°C)		≤95%					
Installation		Standard Rail 35mm					

Overall and mounting dimensions(mm)



YCS6-C Surge Protection Device

General

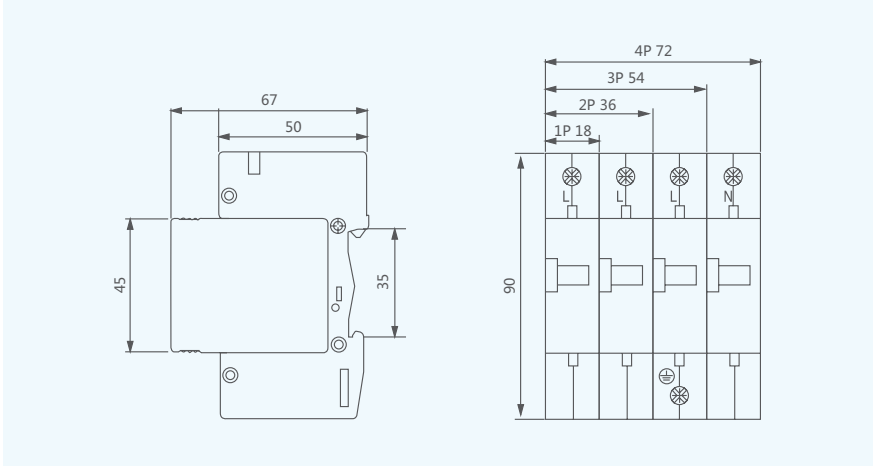
YCS6-C series Surge Protection Device is suitable for TT, IT, TN-S, TN-C and TN-C-S, the power supply system with the rated voltage up to 230/400V and AC 50/60Hz. It can work as the equipotential bonding when the lightning strike. Its design corresponds to IEC61643-1, GB18802.1 and GB50057.

The product is mainly applied to protect the low voltage electric equipment and prevent the surge causing by the thunder or switching overvoltage. As a univoltage limiting device, YCS6-C is equipped with the heavy-duty Zinc Oxide piezoresistor. YCS6-C series (Protection level: II) Protection Device need to be installed on the up link of the equipment, connecting with outer conductor(L) or neutral conductor(N) and the earthing device. Users can install the YCS6-C in the boundary of LPZOA or LPZ1, usually in the incoming line low voltage main distribution box.

Specifications

Parameters	Product Model	YCS6-C					
Rated Operating Voltage Uc(V~)		110V	220V	380V	220V	380V	
Maximum Continuous Operating Voltage Uc(V~)		275V	275V	320V	385V	420V	440V
Voltage Protection Level Up(V~)kV		≤18	≤12	≤15	≤18	≤20	≤22
Nominal Discharge Current In(8/20μs)kA		20	15				
Maximum Discharge Current Imax(8/20μs)kA		40	30				
Response Time ns		< 25					
Test Standard		IEC61643-1					
L/N(mm2)The Cross Section of L/N Line		2.5					
PE(mm2)The Cross Section of PE Line		6					
Fuse or Switch(A)		32A		25A, 32A			
Operating Environment°C		-40°C~+85°C					
Relative Humidity(25°C)		≤95%					
Installation		Standard Rail 35mm					

Overall and mounting dimensions(mm)





YCS6-D Surge Protection Device

General

YCS6-D series Surge Protection Device is suitable for TT, IT, TN-S, TN-C and TN-C-S, the power supply system with the rated voltage up to 230/400V and AC 50/60Hz. Its design corresponds to IEC61643-1, GB18802.1 and GB50057. The product is usually installed in the incoming line low voltage distribution box of the building, and it can release 20kA lightning stroke current.

The lightning current SPD protection with protection level: III is applied to the Equipotential bonding when the lightning strike. YCS6-D Device should be installed in the boundary of LPZ1, LPZ2 and LPZn, usually in front of the residential distribution box, computer center, informational equipment, electronic equipment and controlling equipment or in the nearest socket box.

Specifications

Parameters	Product Model		YCS6-D	
Rated Operating Voltage Uc(V~)	220V	380V	220V	380V
Maximum Continuous Operating Voltage Uc(V~)	275V	385V	275V	385V
Voltage Protection Level Up(V~)kV	≤0.7	≤1.0	≤1.2	≤1.5
Nominal Discharge Current In(8/20μs)kA	5		10	
Maximum Discharge Current Imax(8/20μs)kA	10		20	
Response Time ns	< 25			
Test Standard	IEC61643-1			
L/N(mm2)The Cross Section of L/N Line	2.5			
PE(mm2)The Cross Section of PE Line	6			
Fuse or Switch(A)	10A, 16A		16A, 25A	
Operating Environment°C	-40°C~+85°C			
Relative Humidity(25°C)	≤95%			
Installation	Standard Rail 35mm			

Overall and mounting dimensions(mm)

