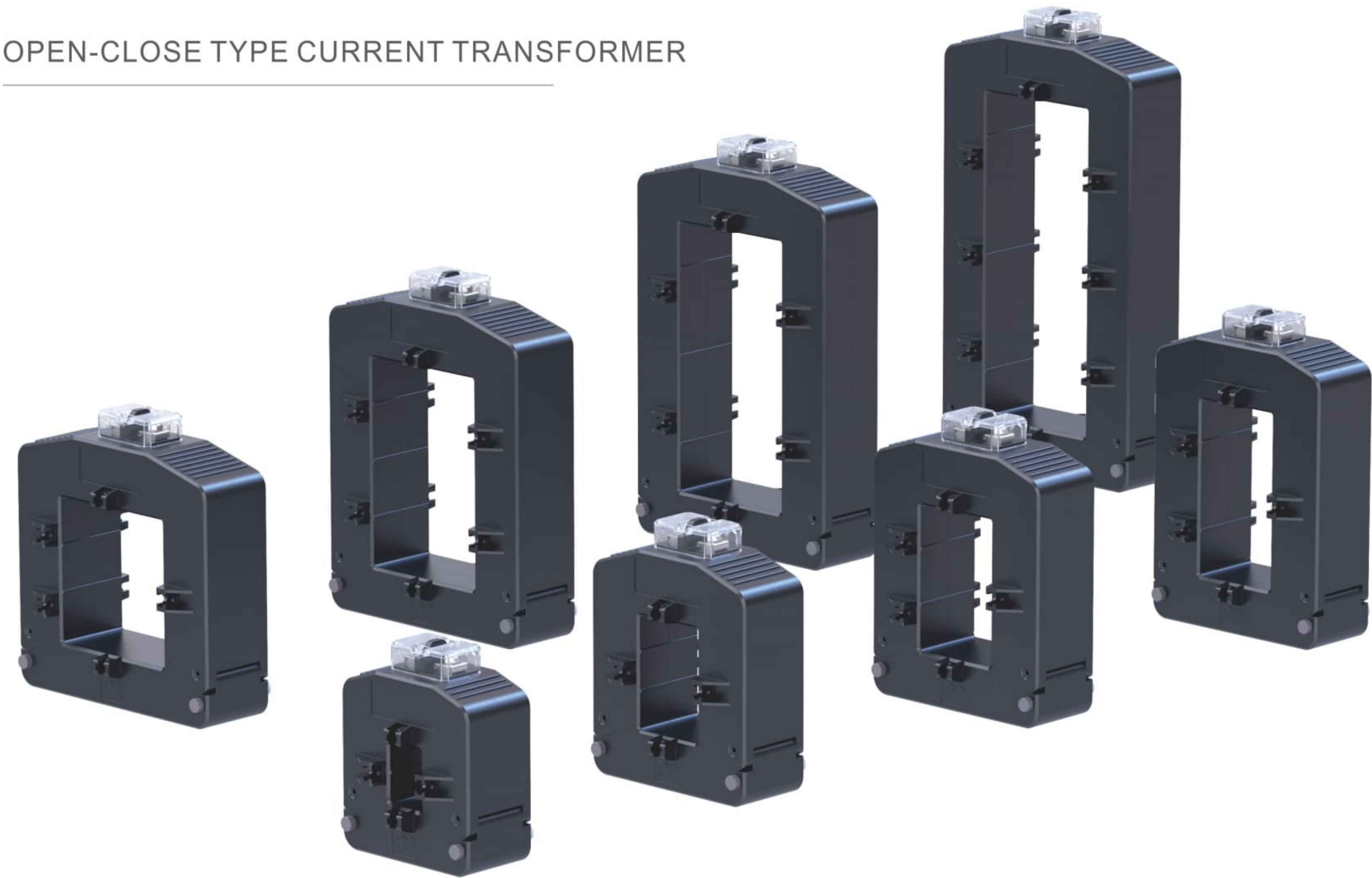


CNT-DP3

OPEN-CLOSE TYPE CURRENT TRANSFORMER



OPEN-CLOSE TYPE CURRENT TRANSFORMER

Product overview

The open-close type current transformer is mainly used in cable and copper bar, its structure is simple, reasonable design, flexible application, and according to the main circuit used in the cable copper bar specifications have a variety of core aperture corresponding, the main circuit primary current contains 50A~8000A, rated secondary output current 0~5A(0~5V). This series of products can meet the technical requirements of 0.2, 0.5, 1 and other different precision. Comply with GB/T20840.1.2, IEC 61869-1 and IEC 61869-2 standards.

Product features

- Open and close structure, easy to install.
- This series of products have 8 specifications, and the primary current range is within 8000A.
- The secondary output is the standard signal of 5A/1A.

Scope of application

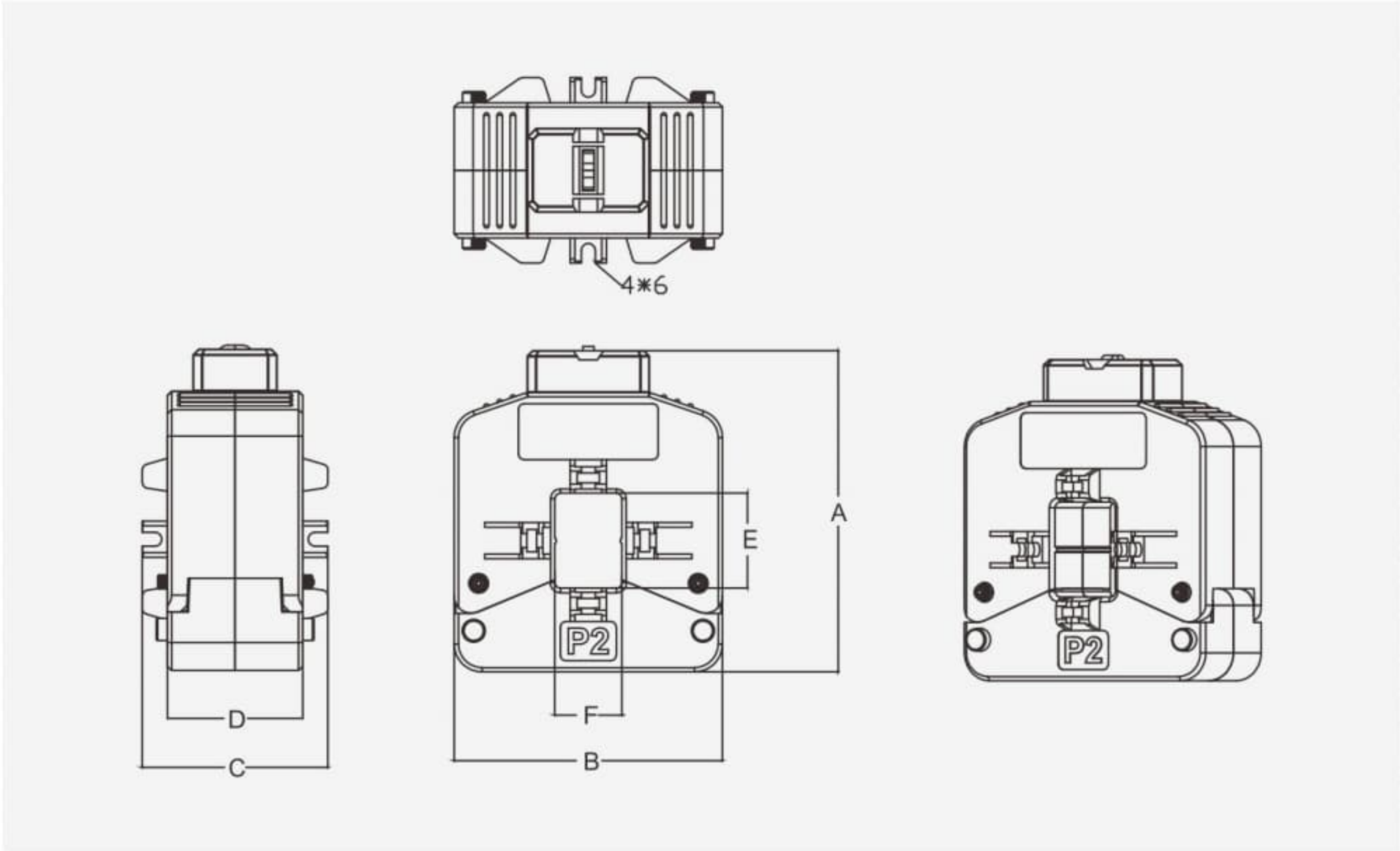
Power monitoring, energy consumption management, intelligent power system, electromagnetic relay protection, microcomputer protection, motor protection, rural power grid transformation, substation transformation, environmental protection detection, etc.

Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Highest equipment	0.66/0.72KVrms	Skeleton	PBT
Primary current	50-8000Arms	Iron core	Nickel or nanocrystalline
Secondary output	0-1V or 0-5A	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12℃~ +45℃
Dielectric strength	2.5KV/1mA/1min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MΩ /min	Connection mode	Terminal type / shielded strand 1.5m

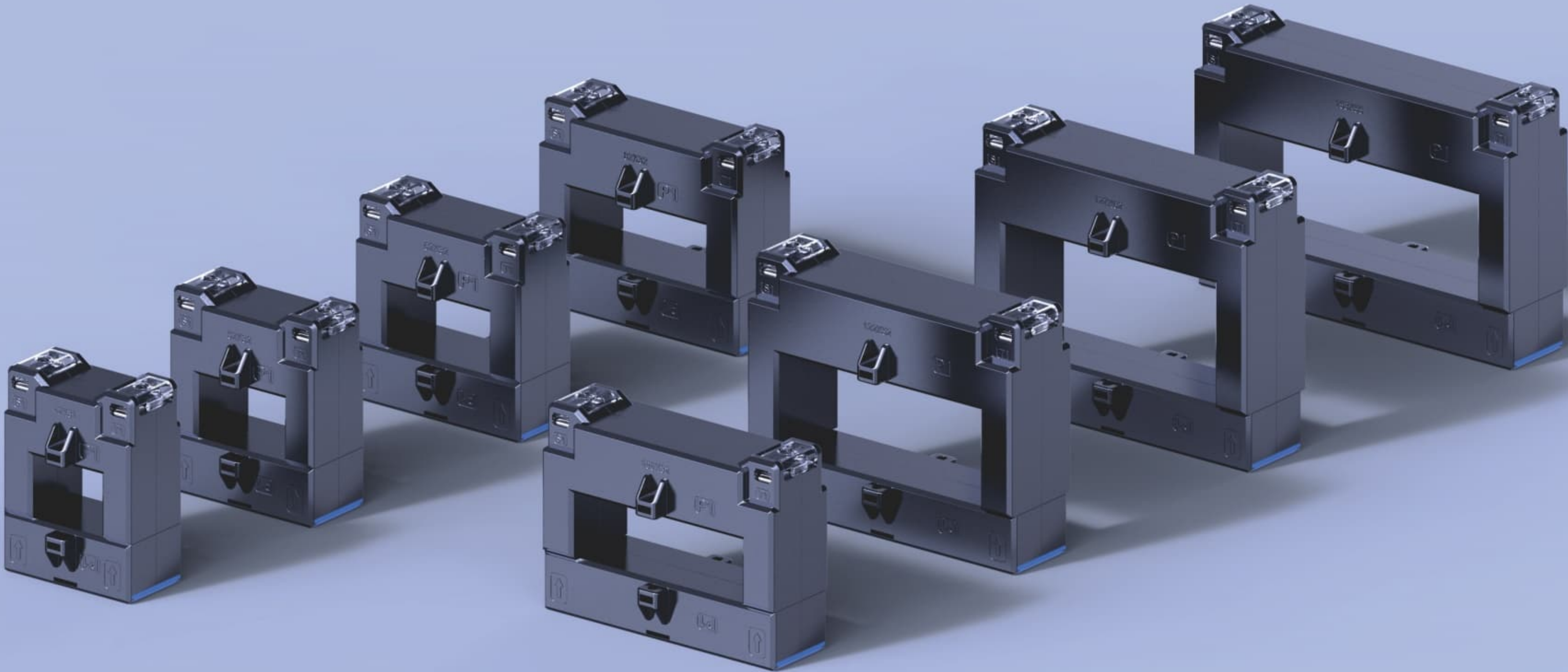
Outline and installation dimensions

Model and specification	(A) Rated input	(mA/v) Rated output	Accuracy class	Dimensions(mm)					
				A	B	C	D	E	F
DP3-23	5-400A	0~5A 0~5V	0.2 0.5S 0.5	115	96	66.5	48.5	34	24
DP3-46	5-800A			145	116	66.5	48.5	64	44
DP3-58	5-1500A			165	126	66.5	48.5	84	54
DP3-510	5-2000A			185	126	66.5	48.5	104	54
DP3-88	5-2000A			165	156	66.5	48.5	84	84
DP3-812	5-3000A			205	156	66.5	48.5	124	84
DP3-816	5-6000A			245	156	66.5	48.5	164	84
DP3-820	5-8000A			285	156	66.5	48.5	204	84



CNT-BHK

RECTANGULAR OPEN - CLOSE TYPE CURRENT TRANSFORMER



RECTANGULAR OPEN-CLOSE TYPE CURRENT TRANSFORMER

Product overview

The open-close type current transformer is mainly used in cable and copper bar, its structure is simple, reasonable design, flexible application, and according to the main circuit used in the cable copper bar specifications have a variety of core aperture corresponding, the main circuit primary current contains 50A~4000A, rated secondary output current 0~5A(0~5V). This series of products can meet the technical requirements of 0.2, 0.5, 1 and other different precision. Comply with GB/T20840.1.2, IEC 61869-1 and IEC 61869-2 standards.

Product features

- Open and close structure, easy to install.
- This series of products have 8 specifications, and the primary current range is within 8000A.
- The secondary output is the standard signal of 5A/1A.

Scope of application

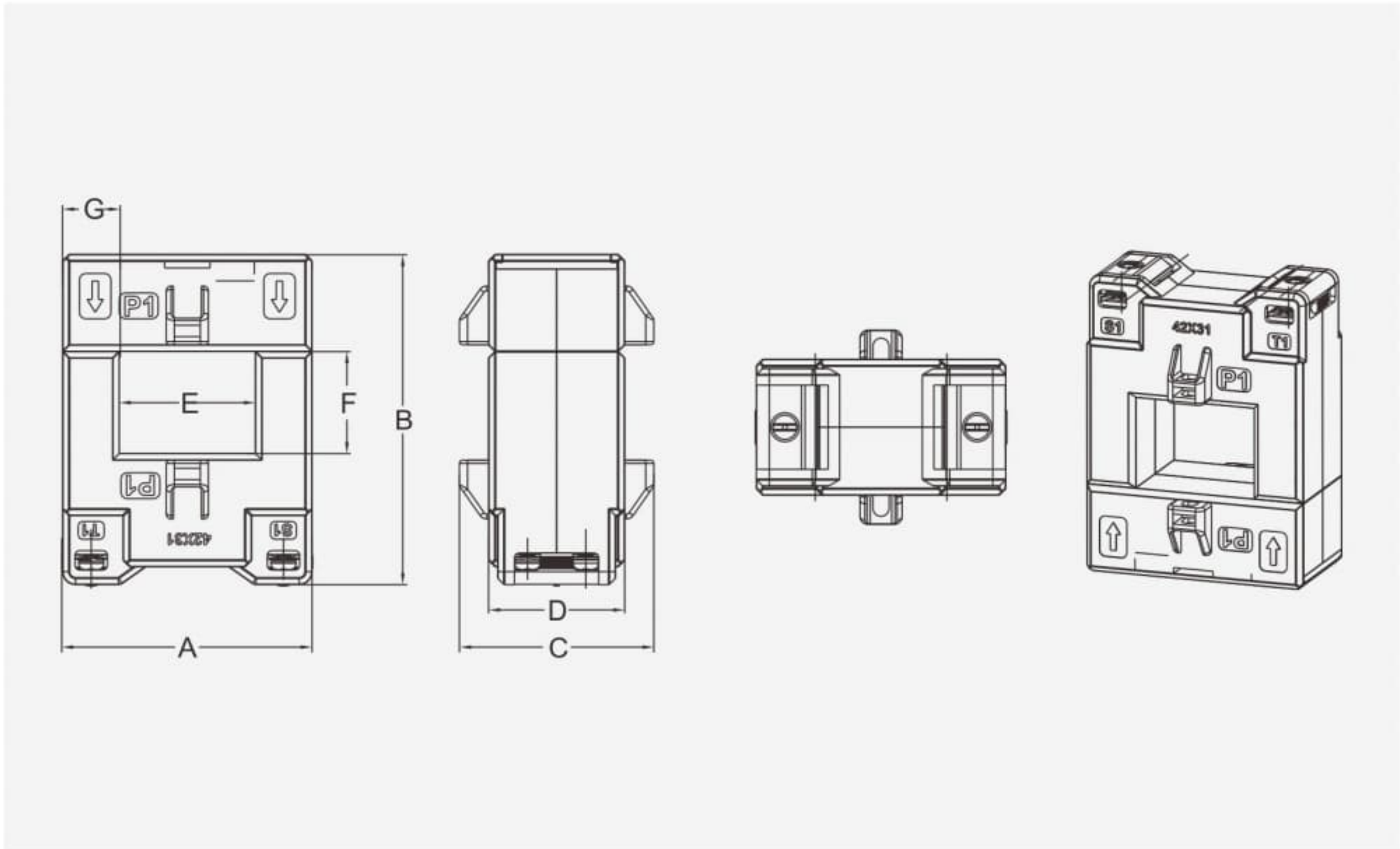
Power monitoring, energy consumption management, intelligent power system, electromagnetic relay protection, microcomputer protection, motor protection, rural power grid transformation, substation transformation, environmental protection detection, etc.

Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Highest equipment	0.66/0.72KVrms	Skeleton	PBT
Primary current	50-4000Arms	Iron core	Nickel or nanocrystalline
Secondary output	0-1V or 0-5A	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12℃~ +45℃
Dielectric strength	2.5KV/1mA/1min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MQ /min	Connection mode	Terminal type / shielded strand 1.5m

Outline and installation dimensions

Model and specification	(A) Rated input	(mA/v) Rated output	Accuracy class	Dimensions(mm)						
				A	B	C	D	E	F	G
BHK-40	5-600A	0-5V/0-5A	0.5	77	102	60	42	42	31.5	17.5
BHK-50	100-800A	0-5V/0-5A		87	102	60	42	52	31.5	17.5
BHK-60	300-1250A	0-5V/0-5A		100	102	60	42	62	31.5	19
BHK-80	400-1800A	0-5V/0-5A		120	103	63	45	82	32.5	19
BHK-100	500-2000A	0-5V/0-5A	0.5S	140	103	63	45	102	32.5	19
BHK-120	500-2500A	0-5V/0-5A	0.2	160	126	67	49	122	50	19
BHK-125	500-3000A	0-5V/0-5A		165	137.5	67	49	127	62	19
BHK-150	600-4000A	0-5V/0-5A		191	130.5	67	49	153	55	19



CNT-CTHW

OPEN-CLOSE TYPE OUTDOOR WATERPROOF TRANSFORMER



OPEN-CLOSE TYPE OUTDOOR WATERPROOF TRANSFORMER

Product overview

Open-close type outdoor waterproof transformer. The biggest feature of this series of transformers is the waterproof function, which can be used outdoors. Its section port is surrounded by rubber pad to prevent rainwater from entering. Of course, most of the transformers on the market are called waterproof by rubber pad, but this method has limitations, Because it is impossible to guarantee the waterproof of the transformer body, our company adopts the one-step molding technology of the transformer, that is, the transformer is directly made into a solid body in the mold, and the plastic body is wrapped without gaps. At the same time, the secondary side lead adopts waterproof terminal and sheath wire to ensure that no rainwater can enter the transformer body, which has been tested by authoritative institutions, Our company transformer waterproof grade reached IP67/IP65. This product complies with standards GB/T20840.1.2, IEC 61869-1 and IEC 61869-2.

Product features

- Input current range: 0-800A
- Ambient temperature: - 15°C - + 40°C
- Flame retardant: comply with UL94-V0
- Humidity: < 80%
- Protection grade: IP67/IP65

Scope of application

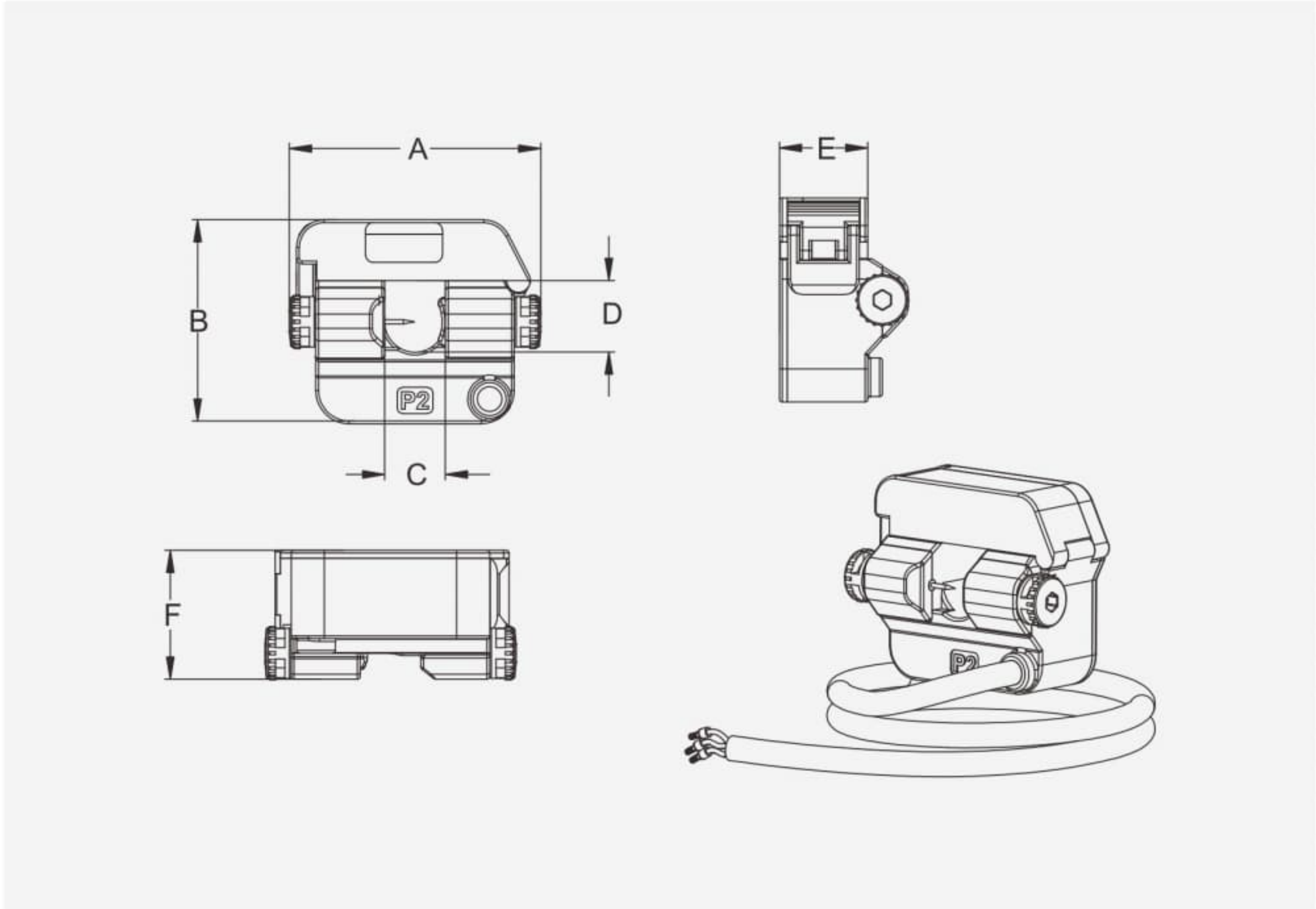
Electrical fire monitoring system, fire equipment power supply monitoring system, intelligent power system, smart grid, substation transformation, environmental protection detection, small current grounding system, relay protection, motor protection system.

Performance index

Electrical parameters		Mechanical parameters	
Voltage level	0.4/0.66/0.69/0.72kV	Shell	PA / PC flame retardant grade 94-V0
Load accuracy	5VA/2.5VA	Iron core	Silicon steel / nanocrystalline / ferrite
Accuracy class	0.5s 0.5 1	Internal structure	Waterproof sealing ring / puncture needle
Rated frequency	50/60HZ	Protection level	IP67/IP65

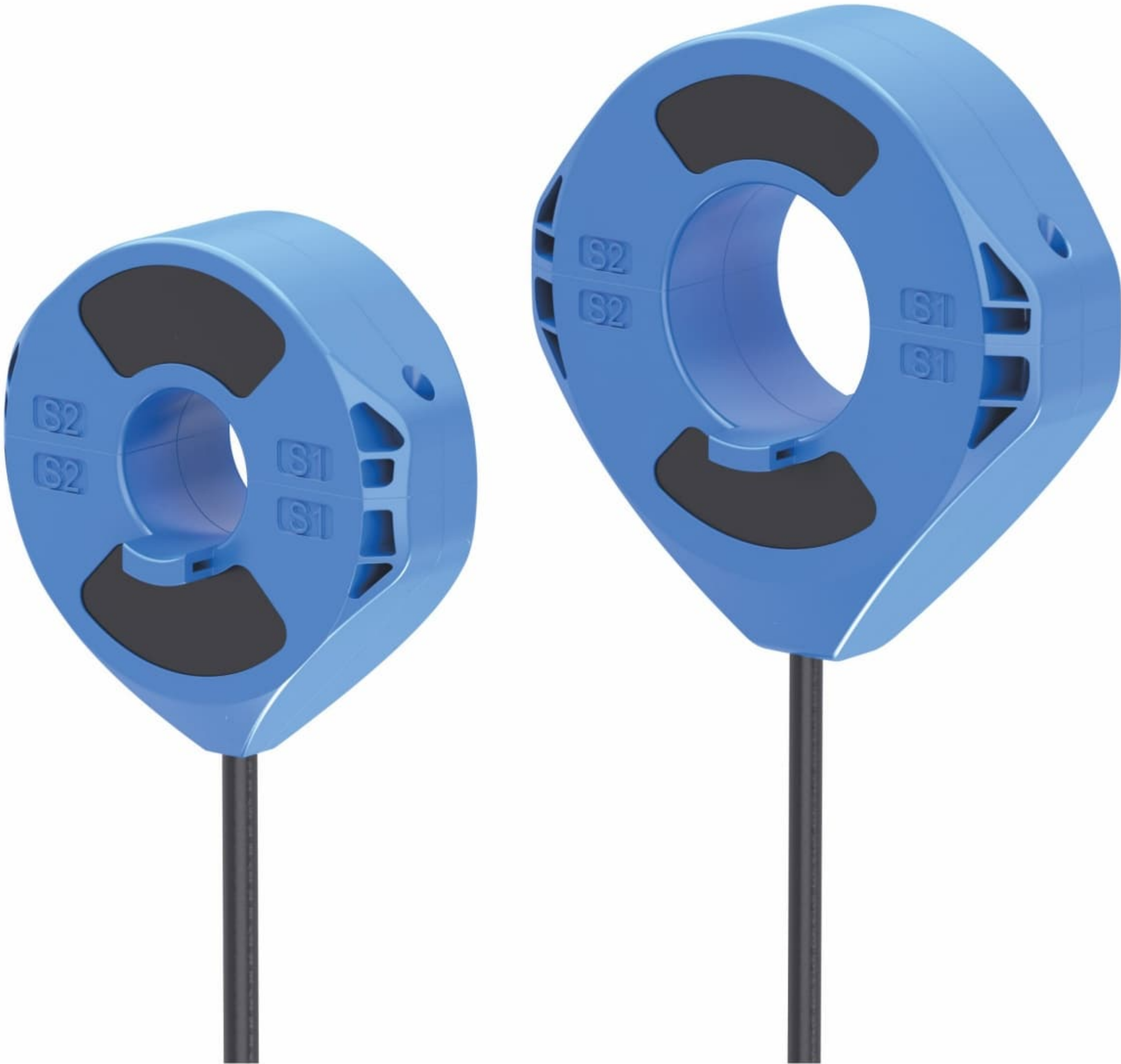
Outline and installation dimensions

Model and specification	(A) Rated input	(mA/v) Rated output	Accuracy class	Dimensions(mm)					
				A	B	C	D	E	F
CTHW-22	0~400A	0~5A	0.5	91.5	73	22	26	32	46.7
CTHW-36	0~800A	0~1V	1.0	105.2	84	36	36	32	46.7



CNT-CTHW1

OPEN-CLOSE TYPE OUTDOOR WATERPROOF TRANSFORMER



OPEN-CLOSE TYPE OUTDOOR WATERPROOF TRANSFORMER

Product overview

Open-close type outdoor waterproof transformer. The biggest feature of this series of transformers is the waterproof function, which can be used outdoors. Its section port is surrounded by rubber pad to prevent rainwater from entering. Of course, most of the transformers on the market are called waterproof by rubber pad, but this method has limitations, Because it is impossible to guarantee the waterproof of the transformer body, our company adopts the one-step molding technology of the transformer, that is, the transformer is directly made into a solid body in the mold, and the plastic body is wrapped without gaps. At the same time, the secondary side lead adopts waterproof terminal and sheath wire to ensure that no rainwater can enter the transformer body, which has been tested by authoritative institutions, Our company transformer waterproof grade reached IP67/IP65. This product complies with standards GB/T20840.1.2, IEC 61869-1 and IEC 61869-2.

Product features

- ◆ Input current range: 0-800A
- ◆ Ambient temperature: - 15℃ - + 40℃
- ◆ Flame retardant: comply with UL94-V0
- ◆ Humidity: < 80%
- ◆ Protection grade: IP67/IP65

Scope of application

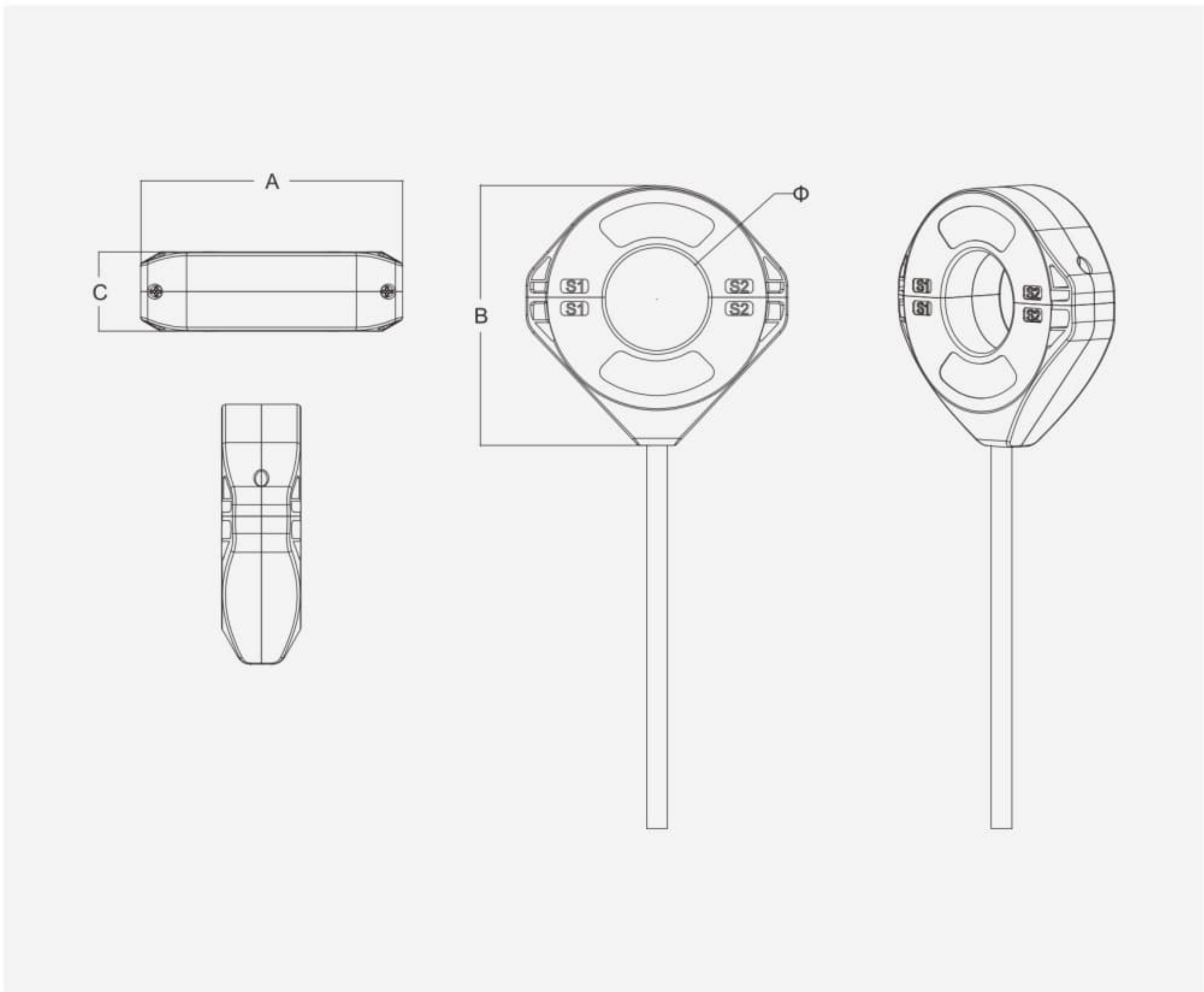
Electrical fire monitoring system, fire equipment power supply monitoring system, intelligent power system, smart grid, substation transformation, environmental protection detection, small current grounding system, relay protection, motor protection system.

Performance index

Electrical parameters		Mechanical parameters	
Voltage level	0.4/0.66/0.69/0.72kV	Shell	PA / PC flame retardant grade 94-V0
Load accuracy	5VA/2.5VA	Iron core	Silicon steel / nanocrystalline / ferrite
Accuracy class	0.5s 0.5 1	Internal structure	Waterproof sealing ring / puncture needle
Rated frequency	50/60HZ	Protection level	IP67/IP65

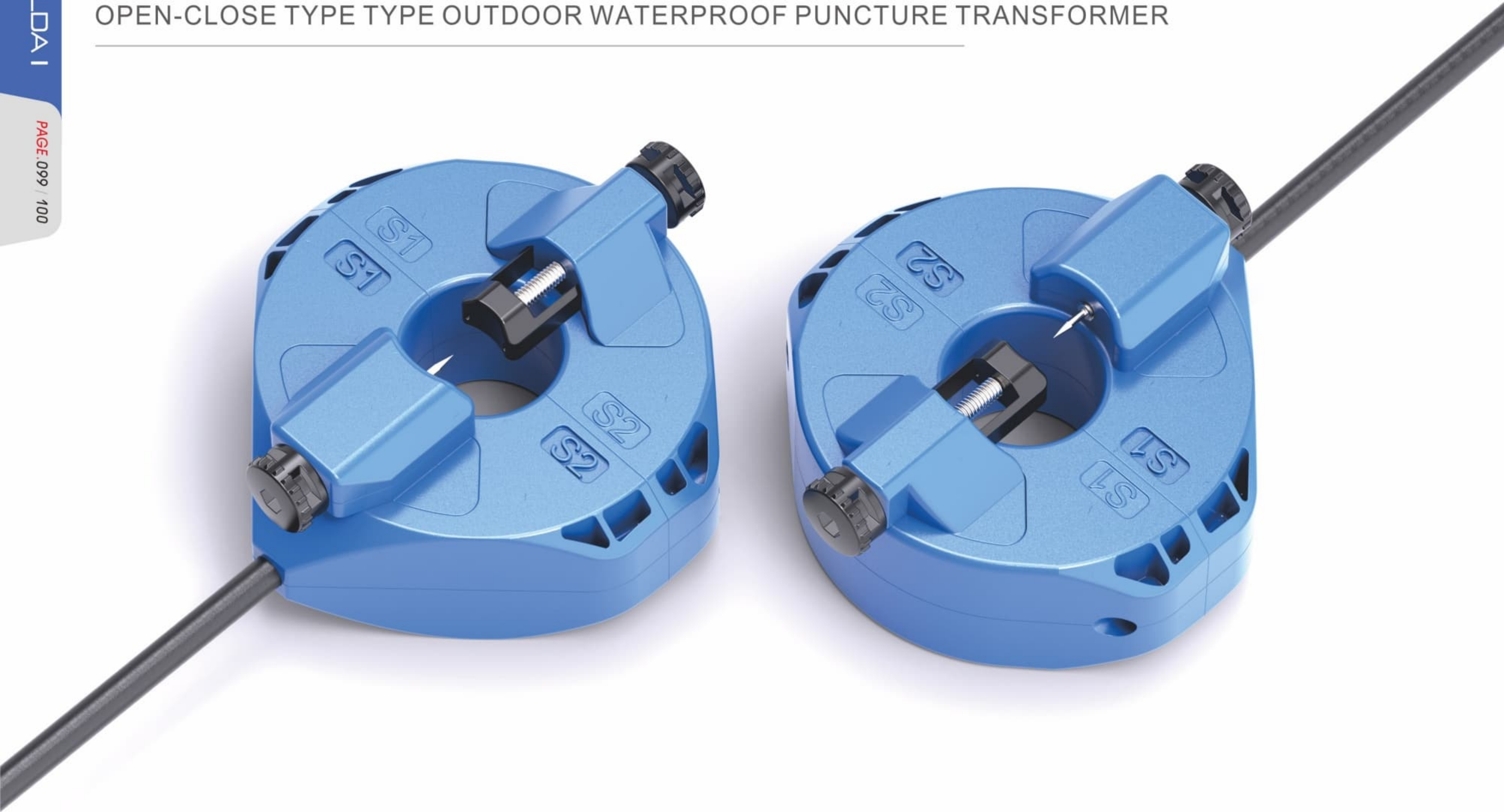
Outline and installation dimensions

Model and specification	(A) Rated input	(mA/v) Rated output	Accuracy class	Dimensions(mm)			
				Φ	A	B	C
CTHW1-36	0~400A	0~5A	0.5	36	118	118	40
CTHW1-60	0~800A	0~1V	1.0	60	152	150	46



CNT-CTHW2

OPEN-CLOSE TYPE TYPE OUTDOOR WATERPROOF PUNCTURE TRANSFORMER



OPEN-CLOSE TYPE TYPE OUTDOOR WATERPROOF PUNCTURE TRANSFORMER

Product overview

Open-close type outdoor waterproof puncture transformer. The biggest feature of this series of transformers is the waterproof function, which can be used outdoors. Its cut-off port is surrounded by rubber pads to prevent rainwater from entering. Of course, most of the so-called waterproof transformers in the market use rubber pads, but there are also limitations in using this method for waterproof. Because it is impossible to guarantee the waterproof of the transformer body, our company adopts the one-step molding technology of the transformer, that is, the transformer is directly made into a solid body in the mold, and the plastic body is wrapped without gaps. At the same time, the secondary side lead adopts waterproof terminal and sheath wire to ensure that no rainwater can enter the transformer body, which has been tested by authoritative institutions. Our company transformer waterproof grade reached IP67/IP65. This product complies with standards GB/T20840.1.2, IEC 61869-1 and IEC 61869-2.

Product features

- ◆ Input current range: 0-1500A
- ◆ Ambient temperature: - 15℃ - + 40℃
- ◆ Flame retardant: comply with UL94-V0
- ◆ Humidity: < 80%
- ◆ Protection grade: IP67/IP65

Scope of application

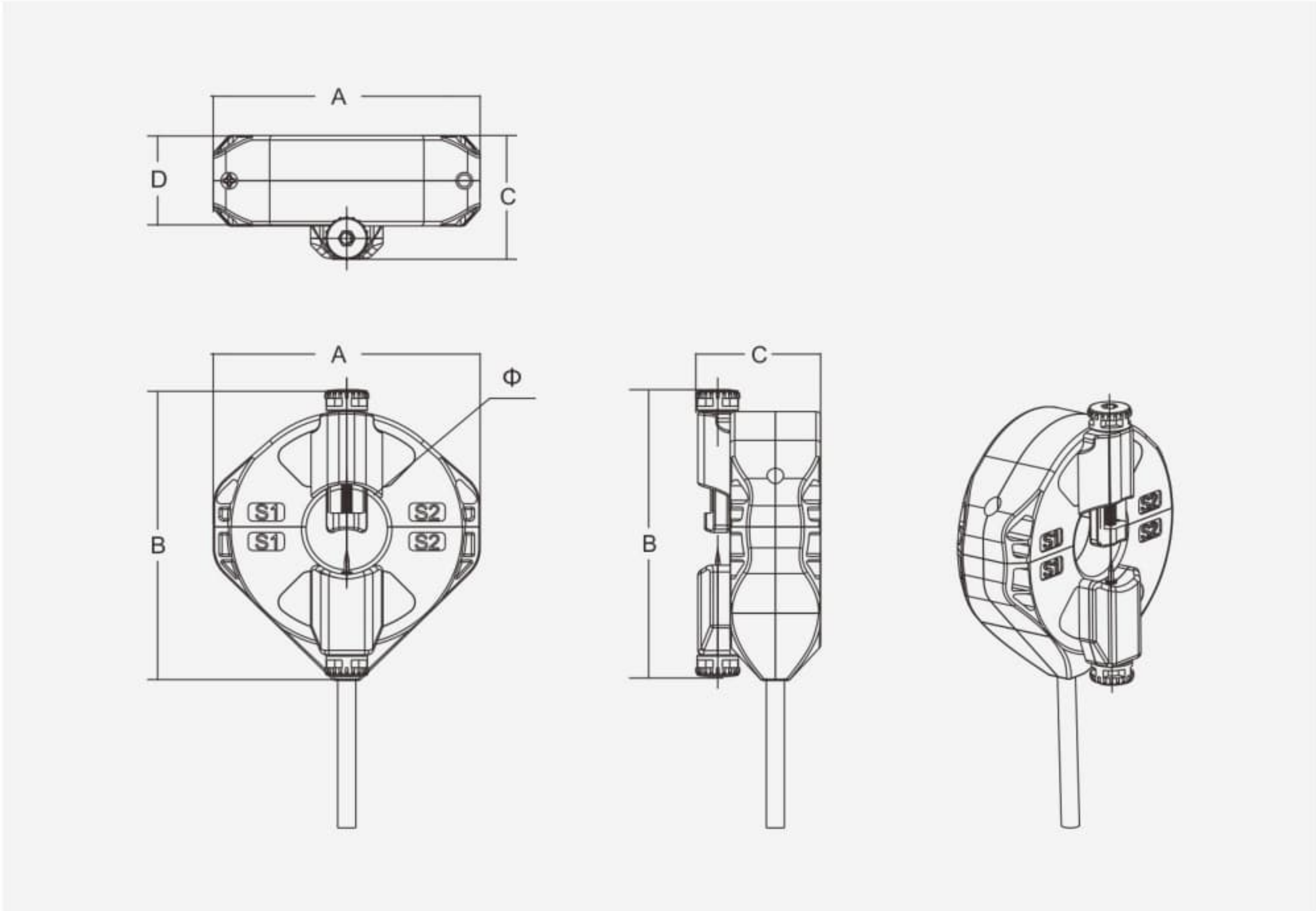
Electrical fire monitoring system, fire equipment power supply monitoring system, intelligent power system, smart grid, substation transformation, environmental protection detection, small current grounding system, relay protection, motor protection system.

Performance index

Electrical parameters		Mechanical parameters	
Voltage level	0.4/0.66/0.69/0.72kV	Shell	PA / PC flame retardant grade 94-V0
Load accuracy	5VA/2.5VA	Iron core	Silicon steel / nanocrystalline / ferrite
Accuracy class	0.5s 0.5 1	Internal structure	Waterproof sealing ring / puncture needle
Rated frequency	50/60HZ	Protection level	IP67/IP65

Outline and installation dimensions

Model and specification	(A) Rated input	(mA/v) Rated output	Accuracy class	Dimensions(mm)				
				Φ	A	B	C	D
CTHW2-36	0~600A	0~5A	0.5	36	118	118	55	40
CTHW2-60	0~1500A	0~1V	1.0	60	152	150	60	46



CNT-CTHW3

OPEN-CLOSE TYPE OUTDOOR CURRENT TRANSFORMER



OPEN-CLOSE TYPE OUTDOOR CURRENT TRANSFORMER

Product overview

Open-close type outdoor waterproof transformer. The biggest feature of this series of transformers is the waterproof function, which can be used outdoors. Its section port is surrounded by rubber pad to prevent rainwater from entering. Of course, most of the transformers on the market are called waterproof by rubber pad, but this method has limitations. Because it is impossible to guarantee the waterproof of the transformer body, our company adopts the one-step molding technology of the transformer, that is, the transformer is directly made into a solid body in the mold, and the plastic body is wrapped without gaps. At the same time, the secondary side lead adopts waterproof terminal and sheath wire to ensure that no rainwater can enter the transformer body, which has been tested by authoritative institutions. Our company transformer waterproof grade reached IP67/IP65. This product complies with standards GB/T20840.1.2, IEC 61869-1 and IEC 61869-2.

Product features

- ◆ Input current range: 0-4000A
- ◆ Ambient temperature: - 15°C - + 40°C
- ◆ Flame retardant: comply with UL94-V0
- ◆ Humidity: < 80%
- ◆ Protection grade: IP67/IP65

Scope of application

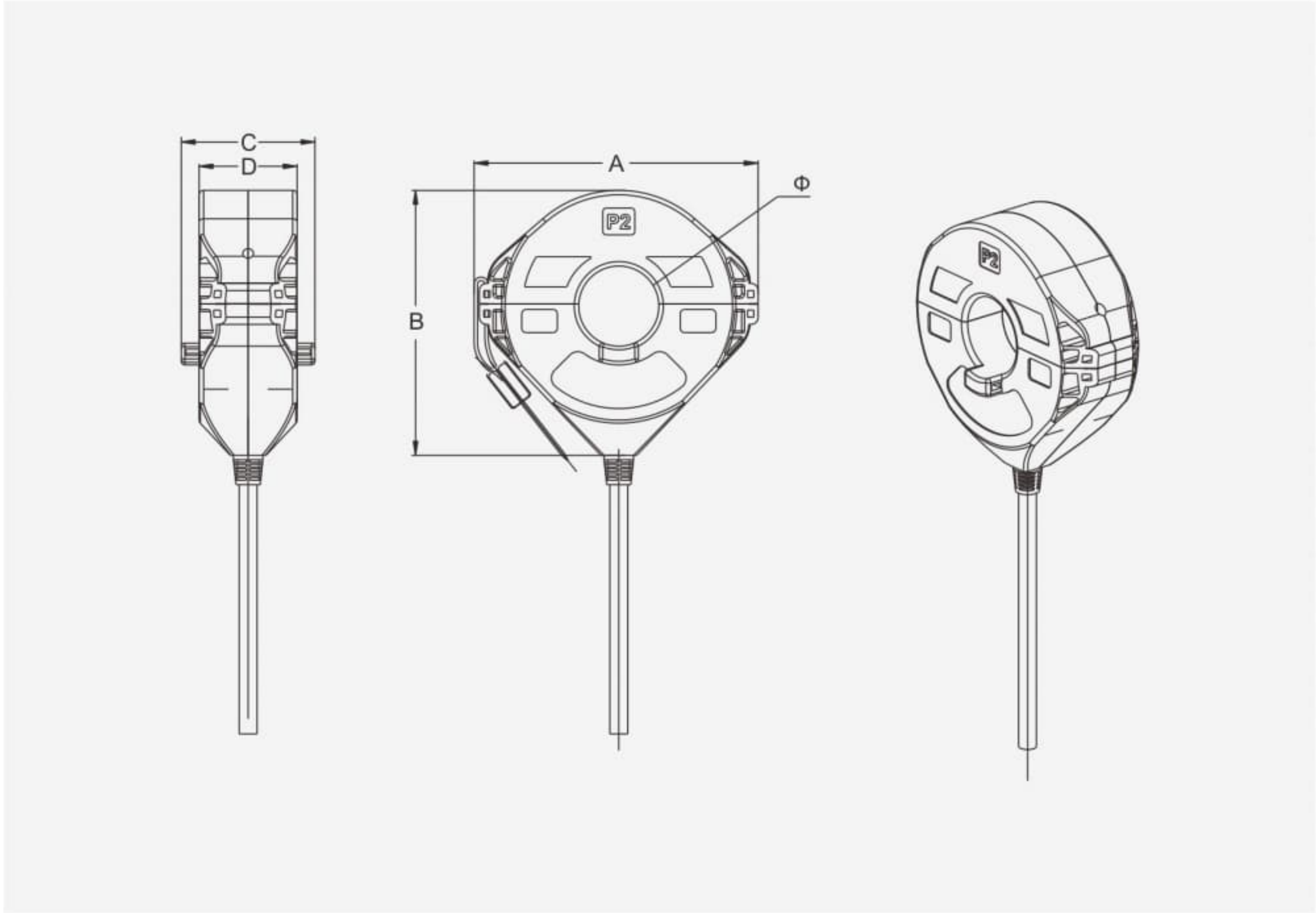
Electrical fire monitoring system, fire equipment power supply monitoring system, intelligent power system, smart grid, substation transformation, environmental protection detection, small current grounding system, relay protection, motor protection system.

Performance index

Electrical parameters		Mechanical parameters	
Voltage level	0.4/0.66/0.69/0.72kV	Shell	PA / PC flame retardant grade 94-V0
Load accuracy	5VA/2.5VA	Iron core	Silicon steel / nanocrystalline / ferrite
Accuracy class	0.5s 0.5 1	Internal structure	Waterproof sealing ring / puncture needle
Rated frequency	50/60HZ	Protection level	IP67/IP65

Outline and installation dimensions

Model and specification	(A) Rated input	(mA/v) Rated output	Accuracy class	Dimensions(mm)				
				Φ	A	B	C	D
CTHW3-45	0~800A	0~5A 0~1V	0.5 1.0	45	156	150	75	55
CTHW3-60	0~2000A			60	175	165	85	55
CTHW3-80	0~4000A			80	200	190	80	55



CNT-CTHW4

OPEN-CLOSE TYPE TYPE OUTDOOR WATERPROOF PUNCTURE TRANSFORMER



OPEN-CLOSE TYPE TYPE OUTDOOR WATERPROOF PUNCTURE TRANSFORMER

Product overview

Open-close type outdoor waterproof puncture transformer. The biggest feature of this series of transformers is the waterproof function, which can be used outdoors. Its cut-off port is surrounded by rubber pads to prevent rainwater from entering. Of course, most of the so-called waterproof transformers in the market use rubber pads, but there are also limitations in using this method for waterproof. Because it is impossible to guarantee the waterproof of the transformer body, our company adopts the one-step molding technology of the transformer, that is, the transformer is directly made into a solid body in the mold, and the plastic body is wrapped without gaps. At the same time, the secondary side lead adopts waterproof terminal and sheath wire to ensure that no rainwater can enter the transformer body, which has been tested by authoritative institutions. Our company transformer waterproof grade reached IP67/IP65. This product complies with standards GB/T20840.1.2, IEC 61869-1 and IEC 61869-2.

Product features

- Input current range: 0-4000A
- Ambient temperature: - 15°C - + 40°C
- Flame retardant: comply with UL94-V0
- Humidity: < 80%
- Protection grade: IP67/IP65

Scope of application

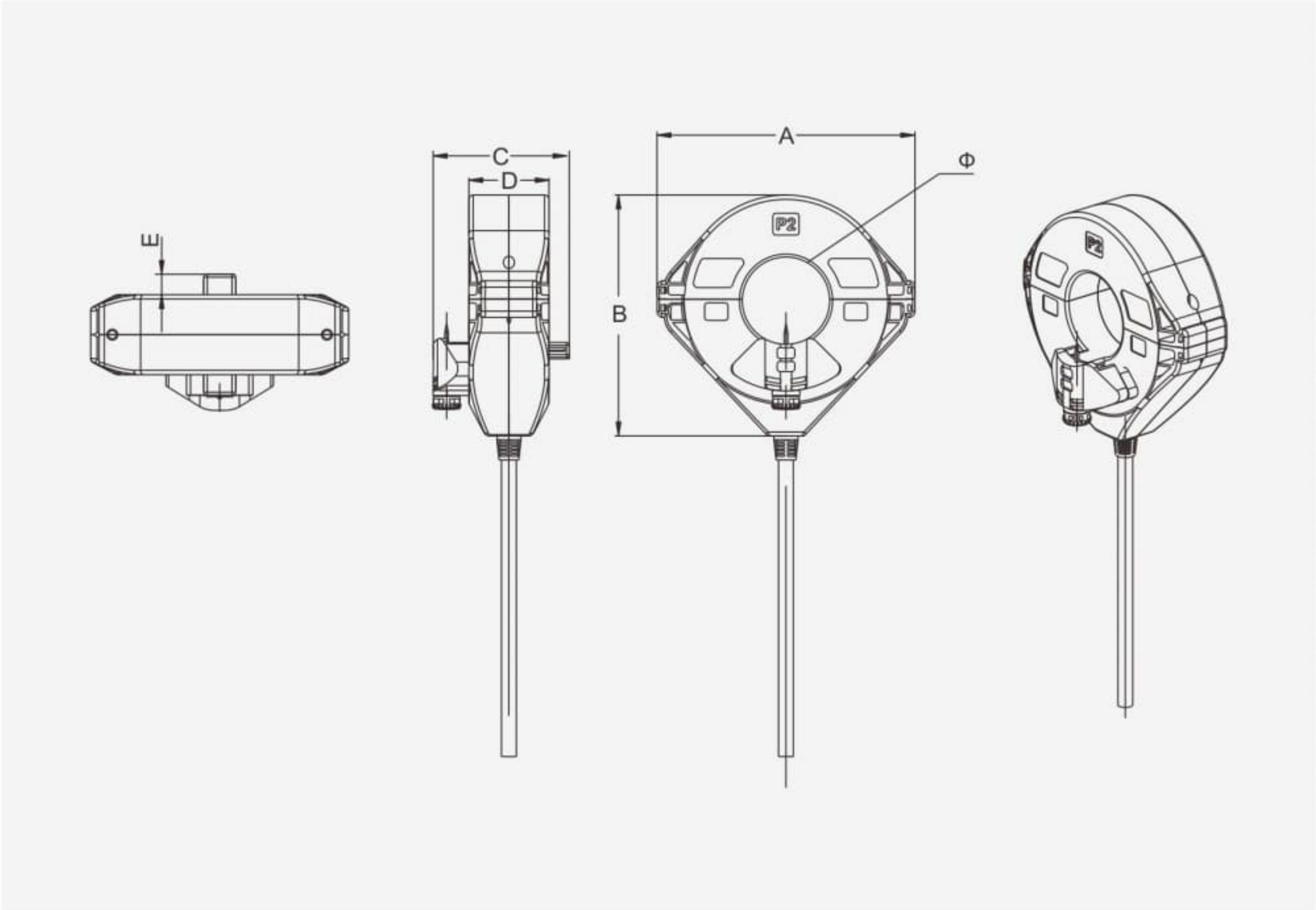
Electrical fire monitoring system, fire equipment power supply monitoring system, intelligent power system, smart grid, substation transformation, environmental protection detection, small current grounding system, relay protection, motor protection system.

Performance index

Electrical parameters		Mechanical parameters	
Voltage level	0.4/0.66/0.69/0.72kV	Shell	PA / PC flame retardant grade 94-V0
Load accuracy	5VA/2.5VA	Iron core	Silicon steel / nanocrystalline / ferrite
Accuracy class	0.5s 0.5 1	Internal structure	Waterproof sealing ring / puncture needle
Rated frequency	50/60HZ	Protection level	IP67/IP65

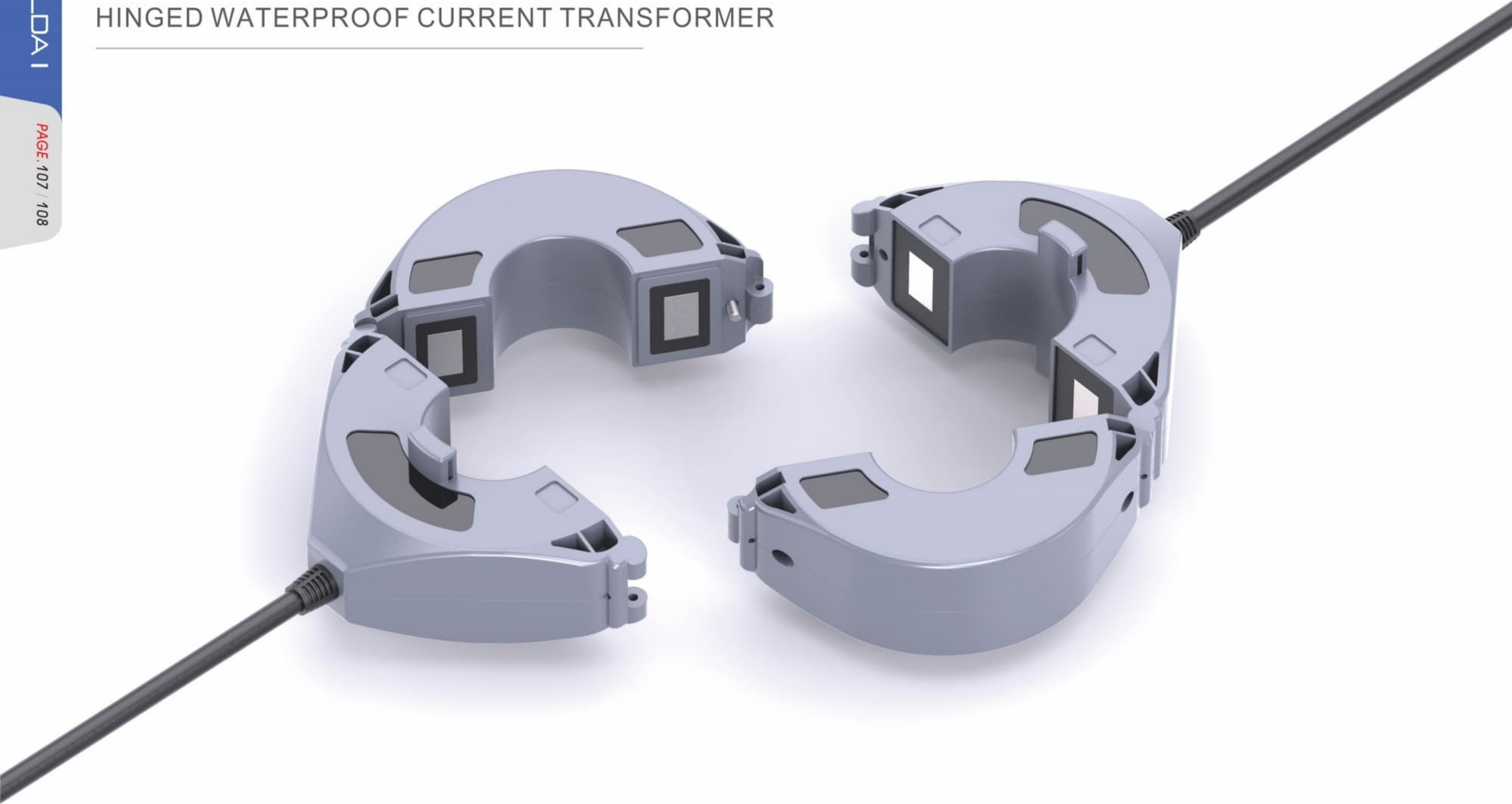
Outline and installation dimensions

Model and specification	(A) Rated input	(mA/v) Rated output	Accuracy class	Dimensions(mm)					
				Φ	A	B	C	D	E
CTHW4-45	0~600A	0~5A 0~1V	0.5 1.0	45	156	149	86	55	10
CTHW4-60	0~2000A			60	177	165	94	55	14
CTHW4-80	0~4000A			80	200	189	90	58	11



CNT-CTHW5

HINGED WATERPROOF CURRENT TRANSFORMER



HINGED WATERPROOF CURRENT TRANSFORMER

Outline and installation dimensions

Model and specification	(A) Rated input	(mA/v) Rated output	Accuracy class	Dimensions(mm)					
				Φ	A	B	C	D	E
CTHW5-45	0~800A	0~5A 0~1V	0.5 1.0	45	156	150	75	55	10
CTHW5-60	0~2000A			60	177	165	85	55	14
CTHW5-80	0~4000A			80	200	190	80	55	11

Product overview

Hinged waterproof current transformer. The biggest feature of this series of transformers is the waterproof function, which can be used outdoors. Its cut-off port is surrounded by rubber pads to prevent rainwater from entering. Of course, most of the so-called waterproof transformers in the market use rubber pads, but there are also limitations in using this method for waterproof, Because it is impossible to guarantee the waterproof of the transformer body, our company adopts the one-step molding technology of the transformer, that is, the transformer is directly made into a solid body in the mold, and the plastic body is wrapped without gaps. At the same time, the secondary side lead adopts waterproof terminal and sheath wire to ensure that no rainwater can enter the transformer body, which has been tested by authoritative institutions, Our company transformer waterproof grade reached IP67/IP65. This product complies with standards GB/T20840.1.2, IEC 61869-1 and IEC 61869-2.

Product features

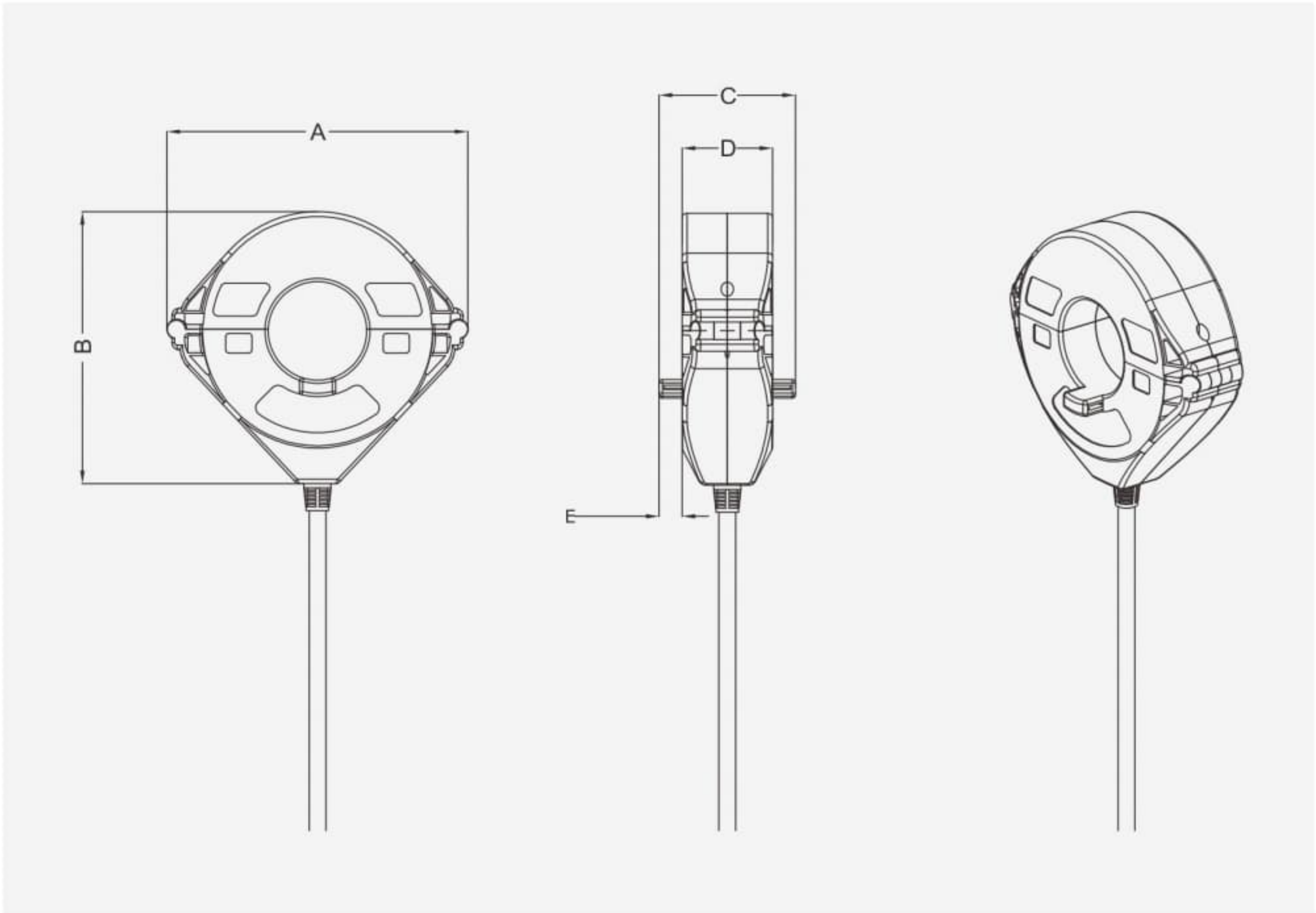
- ◆ Input current range: 0-4000A
- ◆ Ambient temperature: - 15℃ - + 40℃
- ◆ Flame retardant: comply with UL94-V0
- ◆ Humidity: < 80%
- ◆ Protection grade: IP67/IP65

Scope of application

Electrical fire monitoring system, fire equipment power supply monitoring system, intelligent power system, smart grid, substation transformation, environmental protection detection, small current grounding system, relay protection, motor protection system.

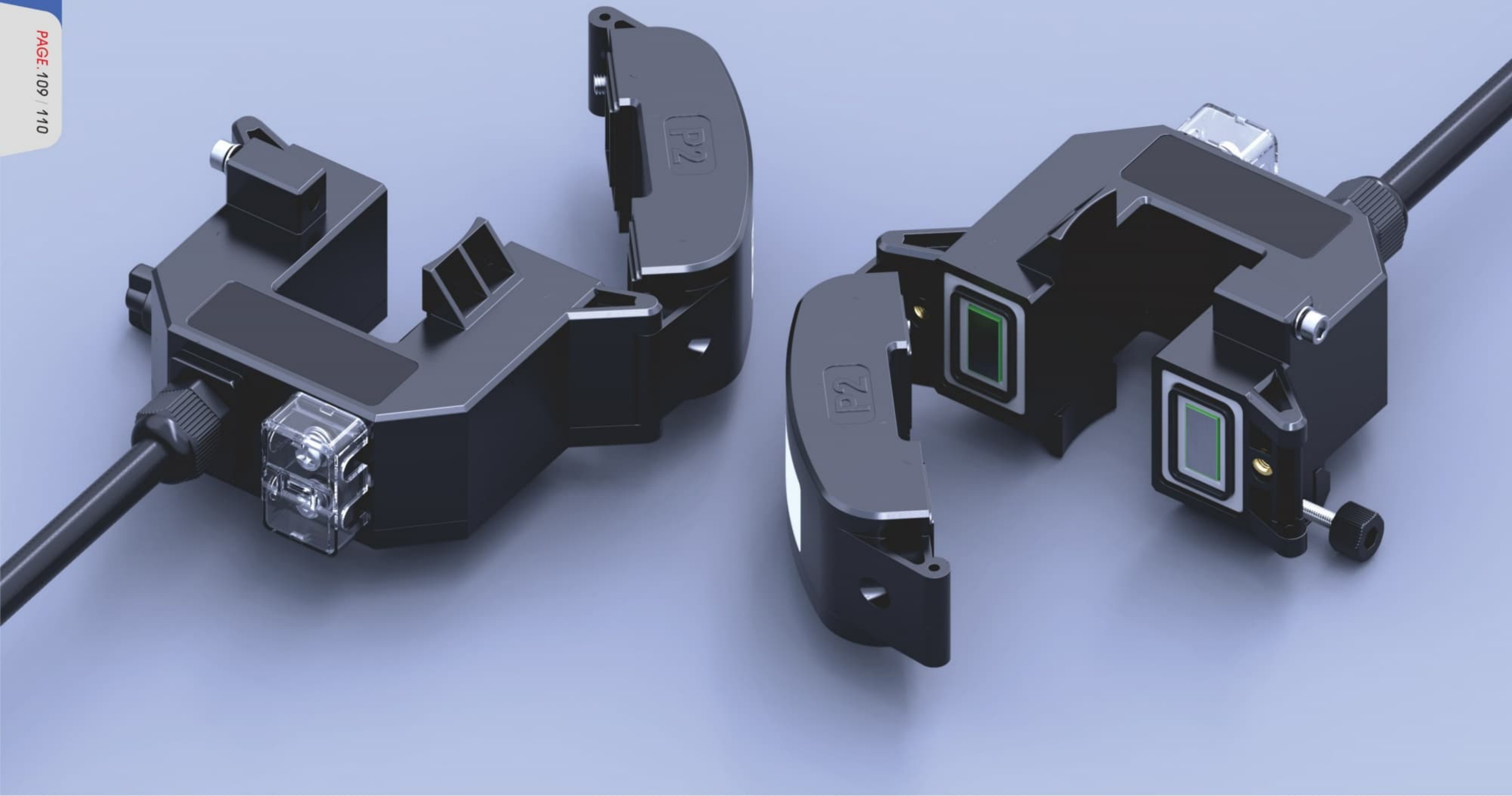
Performance index

Electrical parameters		Mechanical parameters	
Voltage level	0.4/0.66/0.69/0.72kV	Shell	PA / PC flame retardant grade 94-V0
Load accuracy	5VA/2.5VA	Iron core	Silicon steel / nanocrystalline / ferrite
Accuracy class	0.5s 0.5 1	Internal structure	Waterproof sealing ring / puncture needle
Rated frequency	50/60HZ	Protection level	IP67/IP65



CNT-CTHW6

OUTDOOR WATERPROOF CURRENT TRANSFORMER



OUTDOOR WATERPROOF CURRENT TRANSFORMER

Product overview

Outdoor waterproof current transformer. The biggest feature of this series of transformers is the waterproof function, which can be used outdoors. Its cut-off port is surrounded by rubber pads to prevent rainwater from entering. Of course, most of the so-called waterproof transformers in the market use rubber pads, but there are also limitations in using this method for waterproof, Because it is impossible to guarantee the waterproof of the transformer body, our company adopts the one-step molding technology of the transformer, that is, the transformer is directly made into a solid body in the mold, and the plastic body is wrapped without gaps. At the same time, the secondary side lead adopts waterproof terminal and sheath wire to ensure that no rainwater can enter the transformer body, which has been tested by authoritative institutions, Our company transformer waterproof grade reached IP67/IP65. This product complies with standards GB/T20840.1.2, IEC 61869-1 and IEC 61869-2.

Product features

- ◆ Input current range: 5A-4000A
- ◆ Ambient temperature: - 15℃ - + 40℃
- ◆ Flame retardant: comply with UL94-V0
- ◆ Humidity: < 80%
- ◆ Protection grade: IP67/IP65

Scope of application

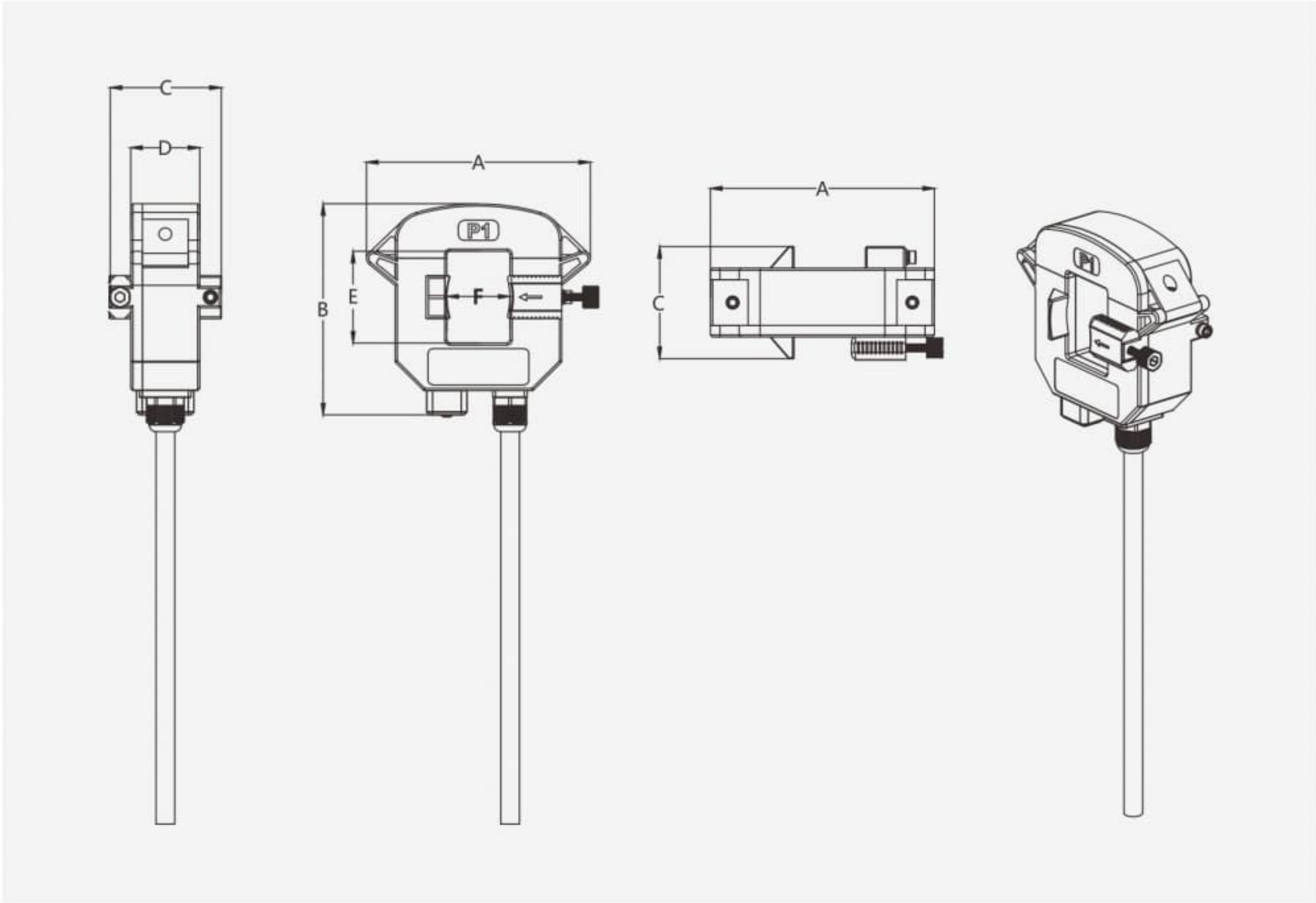
Electrical fire monitoring system, fire equipment power supply monitoring system, intelligent power system, smart grid, substation transformation, environmental protection detection, small current grounding system, relay protection, motor protection system.

Performance index

Electrical parameters		Mechanical parameters	
Voltage level	0.4/0.66/0.69/0.72kV	Shell	PA / PC flame retardant grade 94-V0
Load accuracy	5VA/2.5VA	Iron core	Silicon steel / nanocrystalline / ferrite
Accuracy class	0.5s 0.5 1	Internal structure	Waterproof sealing ring / puncture needle
Rated frequency	50/60HZ	Protection level	IP67/IP65

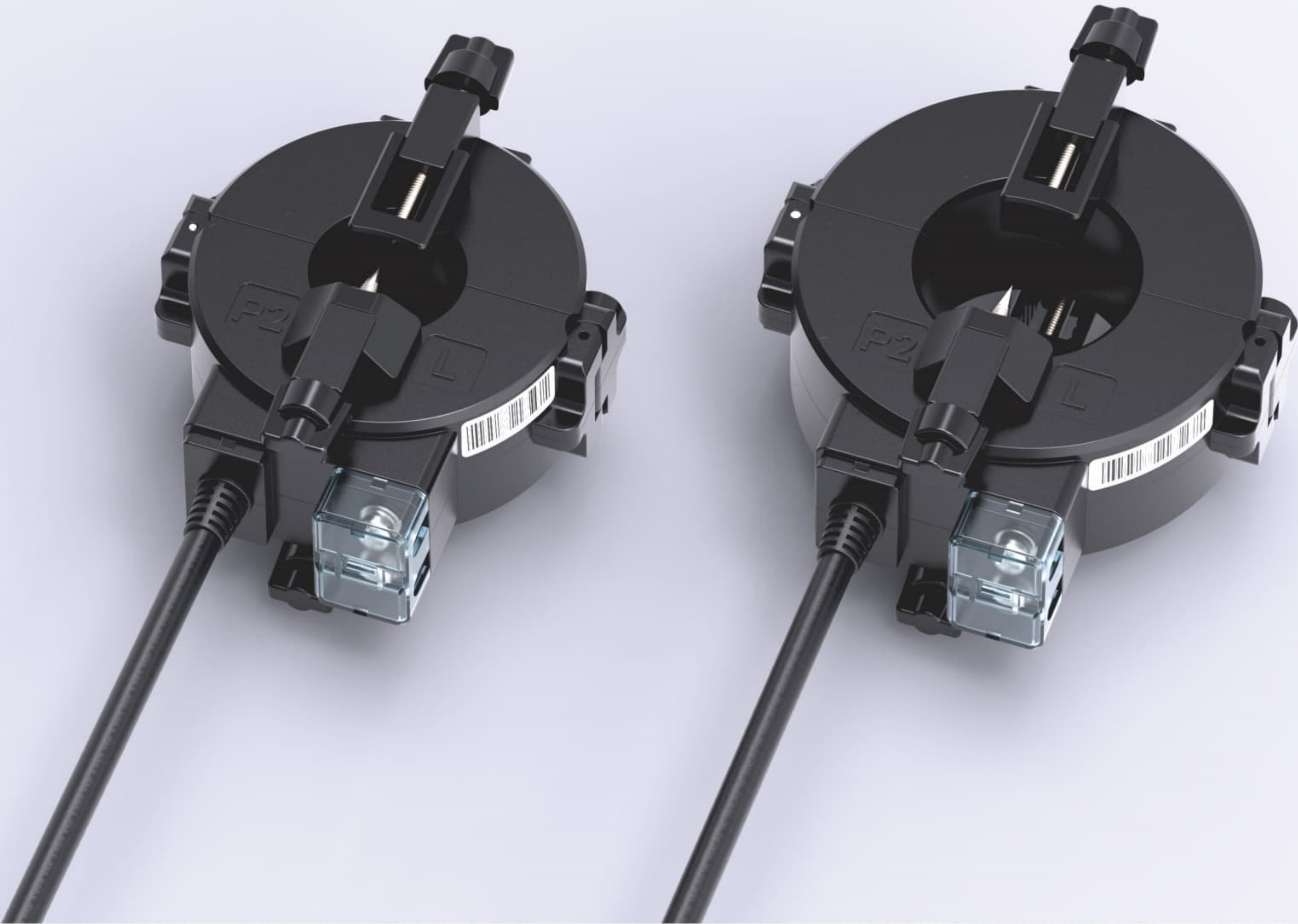
Outline and installation dimensions

Model and specification	(A) Rated input	(mA/v) Rated output	Accuracy class	Dimensions(mm)					
				A	B	C	D	E	F
CTHW6-46	5~800A	0~5A 0~5V	0.2 0.5S 0.5	155	130	78	48	64	34
CTHW6-510	5~2000A			165	175	78	48	104	54
CTHW6-812	5~4000A			195	200	78	48	124	54



CNT-CTHW8

OUTDOOR WATERPROOF CURRENT TRANSFORMER



OUTDOOR WATERPROOF CURRENT TRANSFORMER

Product overview

Outdoor waterproof current transformer. The biggest feature of this series of transformers is the waterproof function, which can be used outdoors. Its cut-off port is surrounded by rubber pads to prevent rainwater from entering. Of course, most of the so-called waterproof transformers in the market use rubber pads, but there are also limitations in using this method for waterproof. Because it is impossible to guarantee the waterproof of the transformer body, our company adopts the one-step molding technology of the transformer, that is, the transformer is directly made into a solid body in the mold, and the plastic body is wrapped without gaps. At the same time, the secondary side lead adopts waterproof terminal and sheath wire to ensure that no rainwater can enter the transformer body, which has been tested by authoritative institutions. Our company transformer waterproof grade reached IP67/IP65. This product complies with standards GB/T20840.1.2, IEC 61869-1 and IEC 61869-2.

Product features

- ◆ Input current range: 5A-3000A
- ◆ Ambient temperature: - 15℃ - + 40℃
- ◆ Flame retardant: comply with UL94-V0
- ◆ Humidity: < 80%
- ◆ Protection grade: IP67/IP65

Scope of application

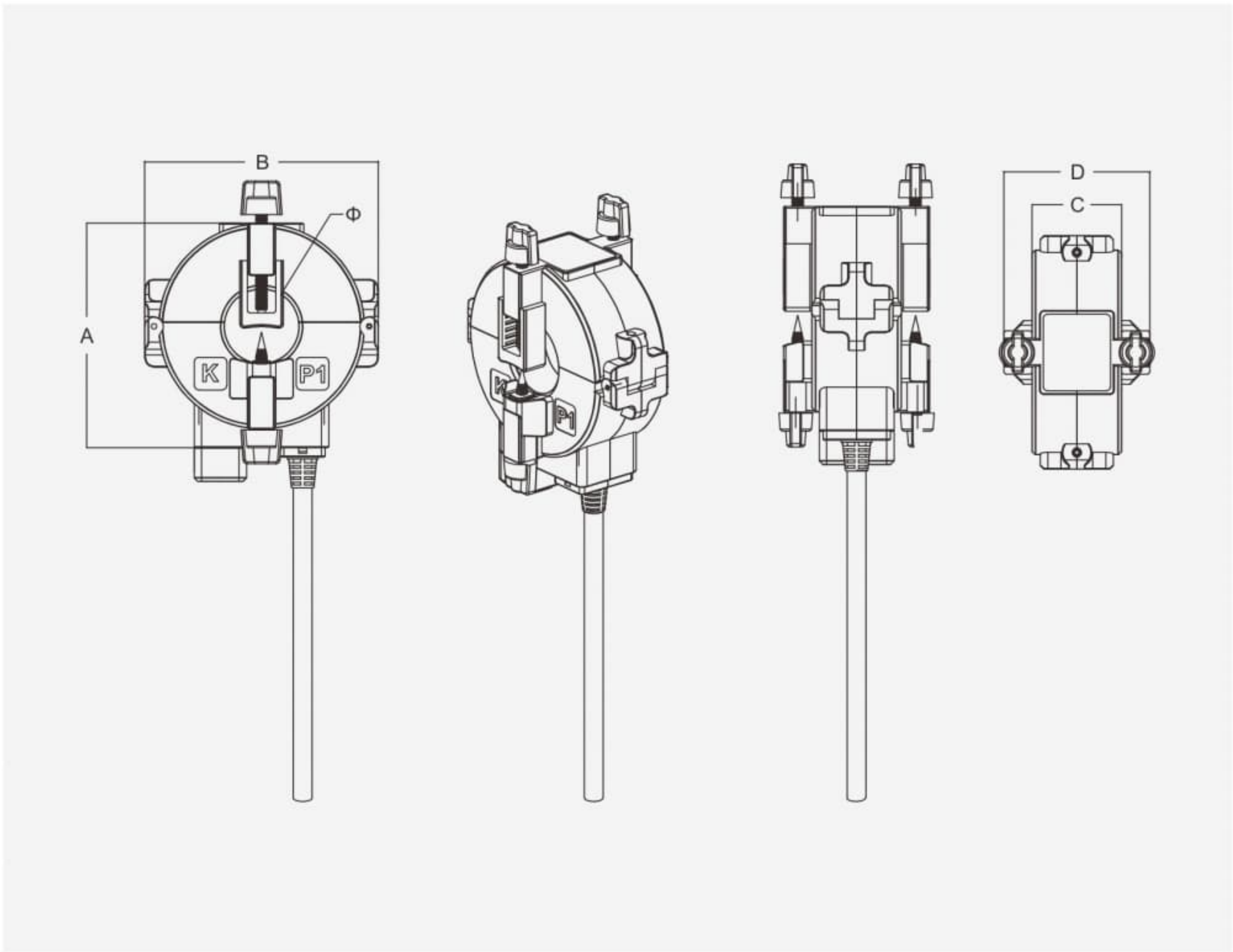
Electrical fire monitoring system, fire equipment power supply monitoring system, intelligent power system, smart grid, substation transformation, environmental protection detection, small current grounding system, relay protection, motor protection system.

Performance index

Electrical parameters		Mechanical parameters	
Voltage level	0.4/0.66/0.69/0.72kV	Shell	PA / PC flame retardant grade 94-V0
Load accuracy	5VA/2.5VA	Iron core	Silicon steel / nanocrystalline / ferrite
Accuracy class	0.5s 0.5 1	Internal structure	Waterproof sealing ring / puncture needle
Rated frequency	50/60HZ	Protection level	IP67/IP65

Outline and installation dimensions

Model and specification	(A) Rated input	(mA/V) Rated output	Accuracy class	Dimensions(mm)				
				Φ	A	B	C	D
CTHW8-40	5~1000A	0~5A	0.2	40	120	125	48	78
CTHW8-60	5~3000A	0~5V	0.5	60	140	145	48	78



CNT-CTHW9

OUTDOOR WATERPROOF CURRENT TRANSFORMER



OUTDOOR WATERPROOF CURRENT TRANSFORMER

Outline and installation dimensions

Model and specification	(A) Rated input	(mA/v) Rated output	Accuracy class	Dimensions(mm)						
				Φ	A	B	C	D	E	F
CTHW9-46	5~1000A	0~5A	0.2	142	129	48	78	64	44	R22
CTHW9-58	5~2000A		0.5S	164	139	48	78	54	84	R27
CTHW9-510	5~4000A	0~5V	0.5	182	139	48	78	54	104	R27

Product overview

Outdoor waterproof current transformer. The biggest feature of this series of transformers is the waterproof function, which can be used outdoors. Its cut-off port is surrounded by rubber pads to prevent rainwater from entering. Of course, most of the so-called waterproof transformers in the market use rubber pads, but there are also limitations in using this method for waterproof. Because it is impossible to guarantee the waterproof of the transformer body, our company adopts the one-step molding technology of the transformer, that is, the transformer is directly made into a solid body in the mold, and the plastic body is wrapped without gaps. At the same time, the secondary side lead adopts waterproof terminal and sheath wire to ensure that no rainwater can enter the transformer body, which has been tested by authoritative institutions. Our company transformer waterproof grade reached IP67/IP65. This product complies with standards GB/T20840.1.2, IEC 61869-1 and IEC 61869-2.

Product features

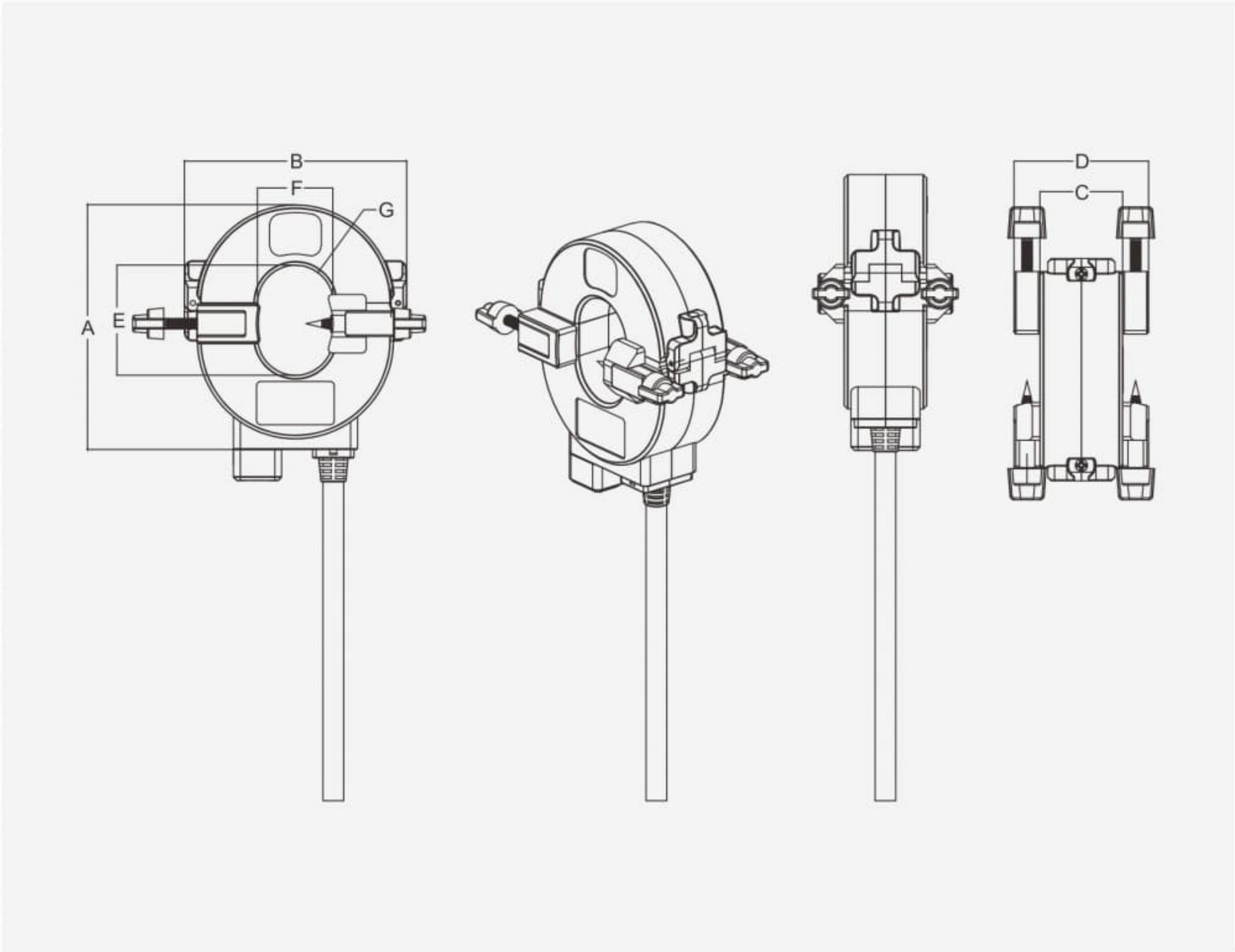
- ◆ Input current range: 5A-4000A
- ◆ Ambient temperature: - 15℃ - + 40℃
- ◆ Flame retardant: comply with UL94-V0
- ◆ Humidity: < 80%
- ◆ Protection grade: IP67/IP65

Scope of application

Electrical fire monitoring system, fire equipment power supply monitoring system, intelligent power system, smart grid, substation transformation, environmental protection detection, small current grounding system, relay protection, motor protection system.

Performance index

Electrical parameters		Mechanical parameters	
Voltage level	0.4/0.66/0.69/0.72kV	Shell	PA / PC flame retardant grade 94-V0
Load accuracy	5VA/2.5VA	Iron core	Silicon steel / nanocrystalline / ferrite
Accuracy class	0.5s 0.5 1	Internal structure	Waterproof sealing ring / puncture needle
Rated frequency	50/60HZ	Protection level	IP67/IP65



CNT-QXDL

CLAMP TYPE CURRENT TRANSFORMER



CLAMP TYPE CURRENT TRANSFORMER

Product overview

The clamp type current transformer is mainly used for cables and copper bars. It has simple structure, reasonable design and flexible application. According to the specifications of the copper bars used in the main circuit, there are many kinds of through holes corresponding to each other. The primary current of the main circuit includes 0 ~ 1000A, and the rated secondary output current is 0 ~ 100mA (0 ~ 1V). This series of products can meet the technical requirements of grade 0.2, grade 0.5, grade 1 and other different precision. This product complies with standards GB/T20840.1.2, IEC 61869-1 and IEC 61869-2.

Product features

- Open and close structure, easy to install.
- This series of products have 5 specifications, and the primary current range is within 1000A.
- The secondary output is the standard signal of 5A\1A.

Scope of application

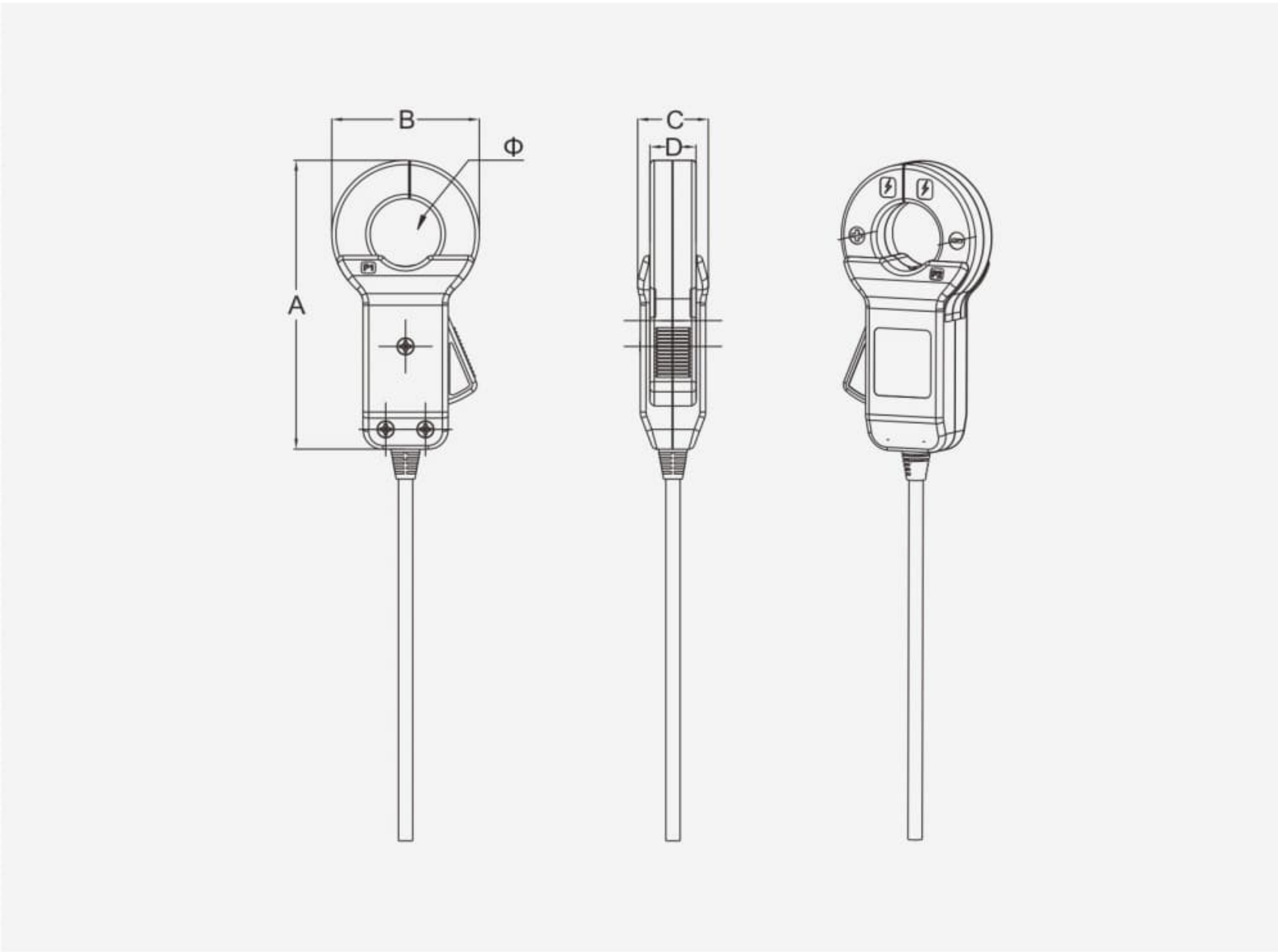
Power monitoring, energy consumption management, intelligent power system, electromagnetic relay protection, microcomputer protection, motor protection, rural power grid transformation, substation transformation, environmental protection detection, etc.

Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Highest equipment	0.66\0.72KVrms	Skeleton	PBT
Primary current	0-1000Arms	Iron core	Nickel or nanocrystalline
Secondary output	0-1V or 0-1A	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12°C~ +45°C
Dielectric strength	2.5KV/1mA/1min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MQ /min	Connection mode	Terminal type / shielded strand 1.5m

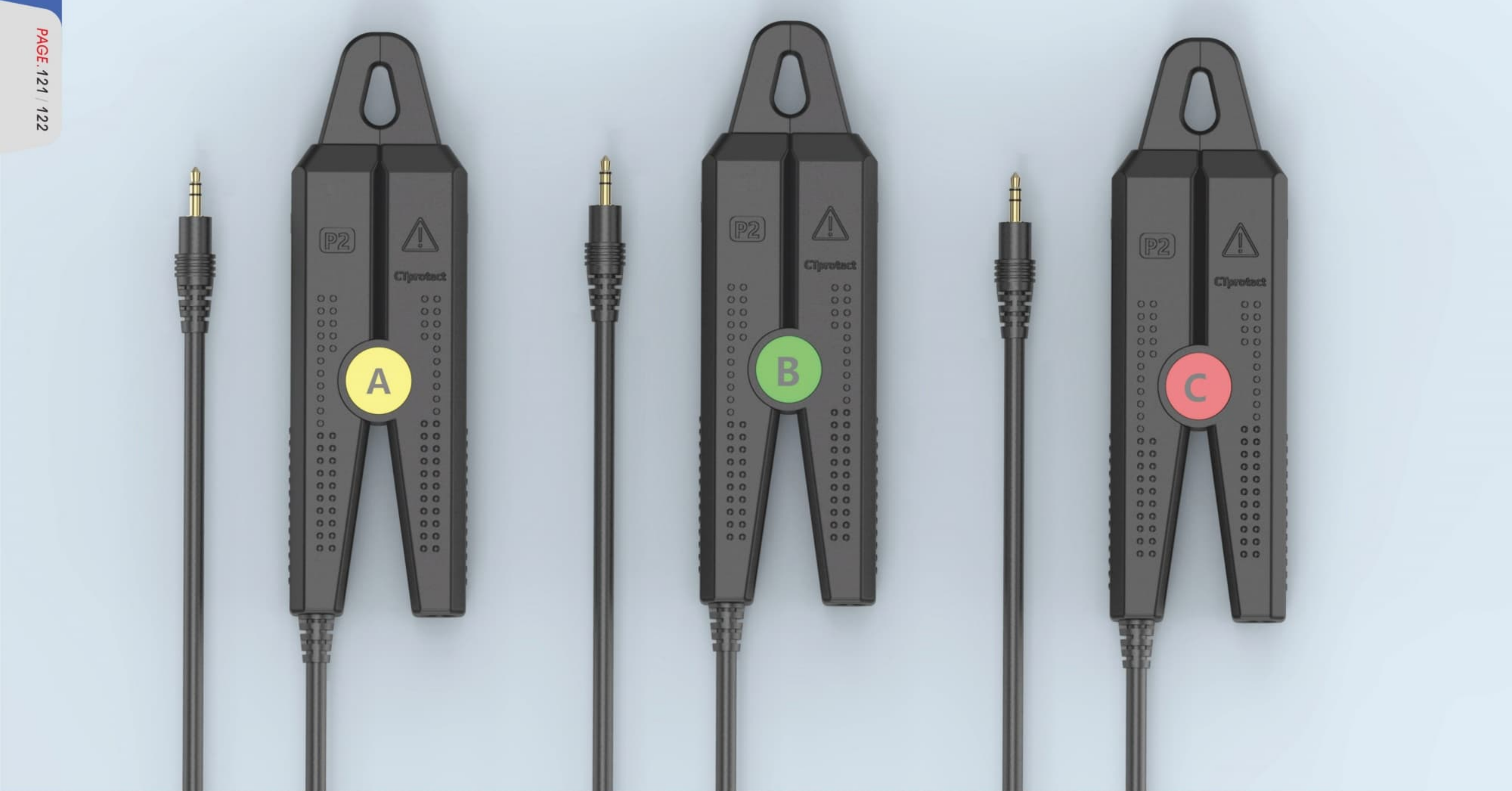
Outline and installation dimensions

Model and specification	Rated primary current input	Rated secondary current output	Accuracy class	Dimensions(mm)				
				Φ	A	B	C	D
QXDL-13	0-80A	0-1V/100MA	1.0 0.5	13	90	41.5	26	15
QXDL-25	5-250A	0-1V/100MA		25	102	52	25	16
QXDL-40	10-400	0-1V/100MA		40	119	72	28.5	16
QXDL-65	0-600A	0-1V/100MA		65	167	105	34	20
QXDL-80	0-1000A	0-1V/100MA		80	194	124	38	20



CNT-QXDL1

CLAMP TYPE CURRENT TRANSFORMER



CLAMP TYPE CURRENT TRANSFORMER

Product overview

The clamp type current transformer is mainly used for cables and copper bars. It has simple structure, reasonable design and flexible application. According to the specifications of the copper bars used in the main circuit, there are many kinds of through holes corresponding to each other. The primary current of the main circuit includes 0 ~ 160A, and the rated secondary output current is 0 ~ 100mA (0 ~ 1V). This series of products can meet the technical requirements of grade 0.2, grade 0.5, grade 1 and other different precision. This product complies with standards GB/T20840.1.2, IEC 61869-1 and IEC 61869-2.

Product features

- Open and close structure, easy to install.
- This series of products have 3 specifications, and the primary current range is within 160A.
- The secondary output is the standard signal of 5A\1A.

Scope of application

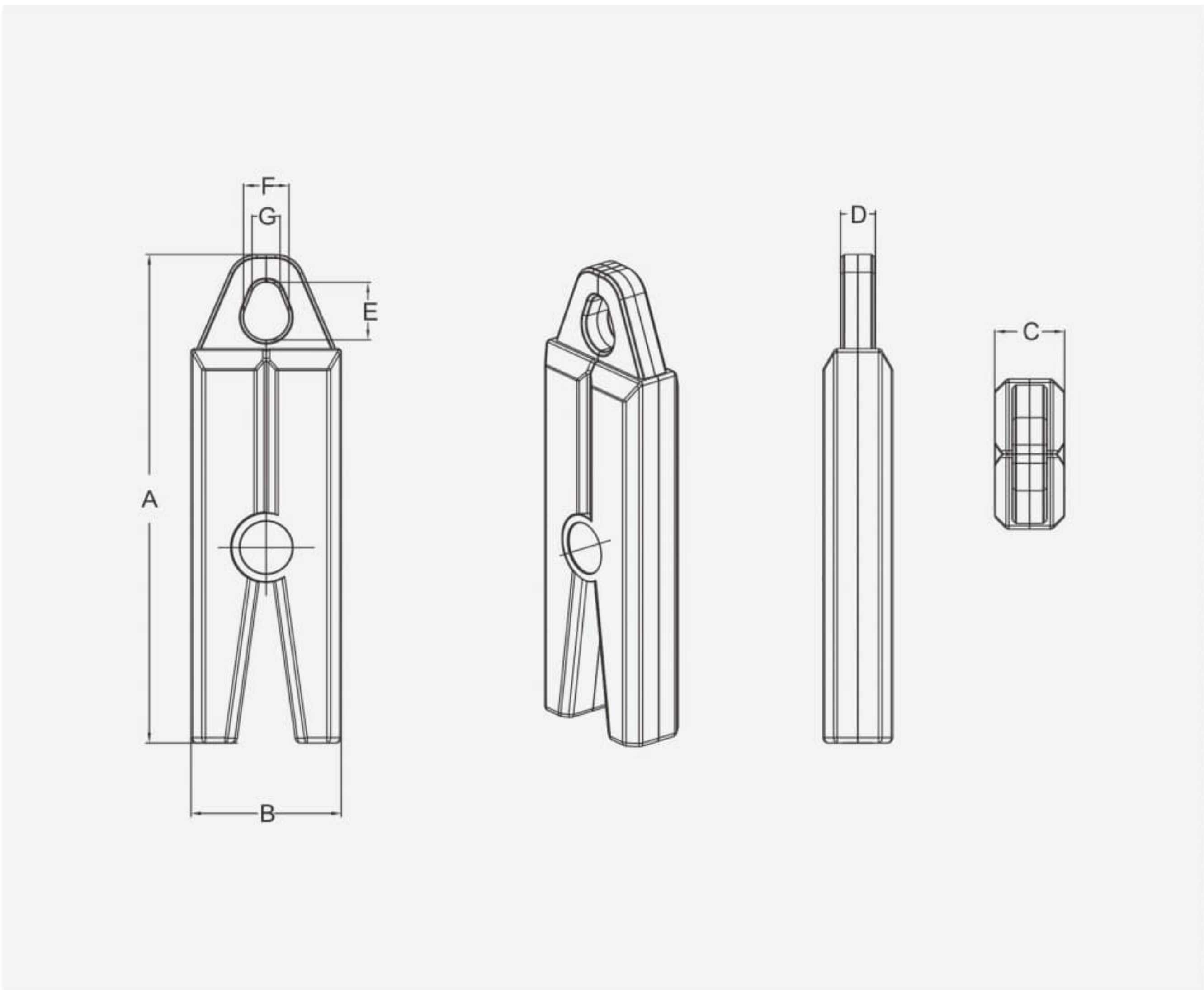
Power monitoring, energy consumption management, intelligent power system, electromagnetic relay protection, microcomputer protection, motor protection, rural power grid transformation, substation transformation, environmental protection detection, etc.

Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Highest equipment	0.66/0.72KVrms	Skeleton	PBT
Primary current	0-1000Arms	Iron core	Nickel or nanocrystalline
Secondary output	0-1V or 0-1A	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12℃~ +45℃
Dielectric strength	2.5KV/1mA/1min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MΩ /min	Connection mode	Terminal type / shielded strand 1.5m

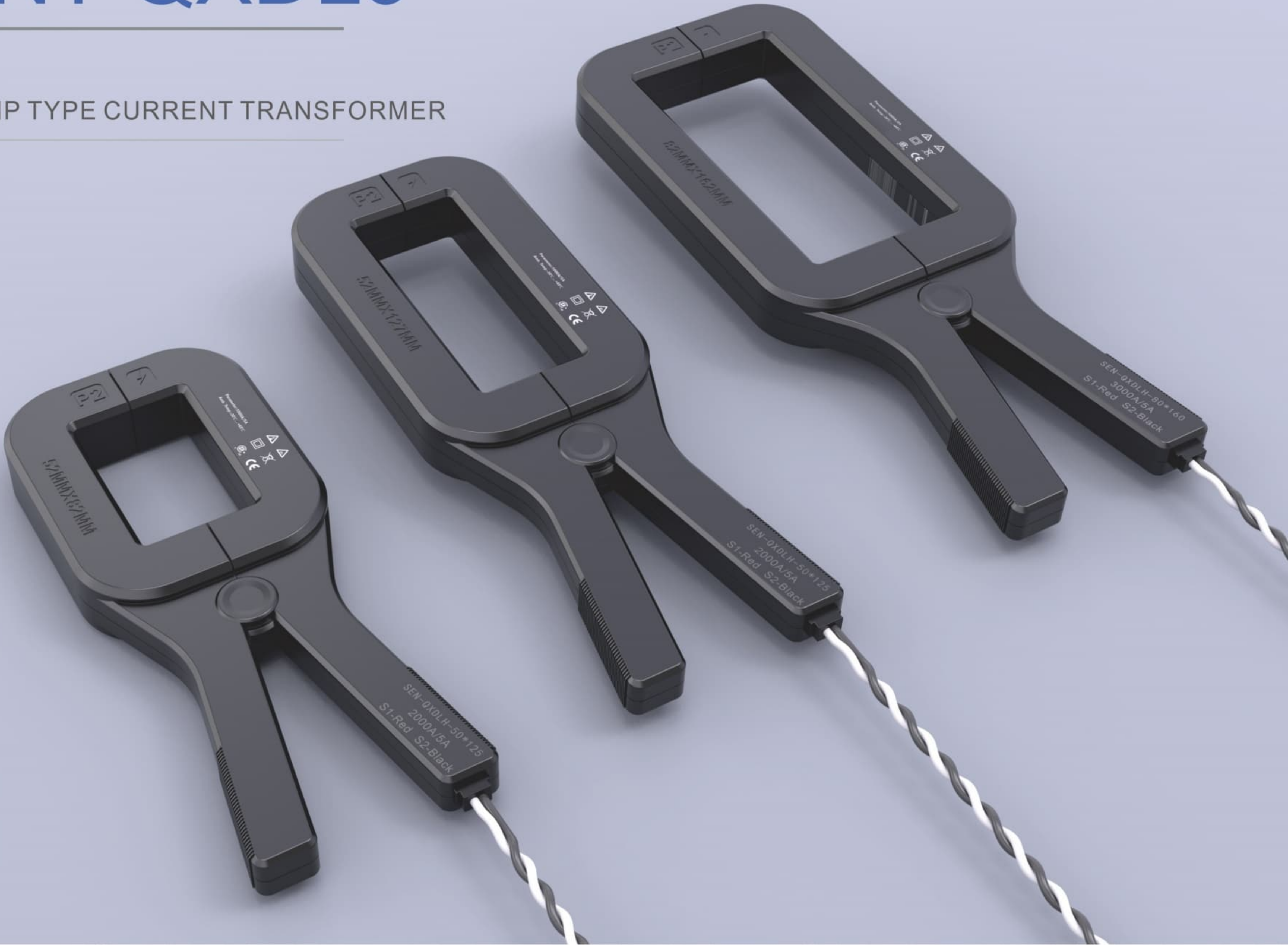
Outline and installation dimensions

Model and specification	Rated primary current input	Rated secondary current output	Accuracy class	Dimensions(mm)						
				A	B	C	D	E	F	G
QXDL1-14	0-32A	0-1V/100MA	1.0 0.5	140	43	20	10	14.5	8	4
QXDL1-16	0-63A	0-1V/100MA		140	43	20	10	16.5	13	8
QXDL1-20	0-160A	0-1V/100MA		144	43	20	10	20	20	8



CNT-QXDL3

CLAMP TYPE CURRENT TRANSFORMER



CLAMP TYPE CURRENT TRANSFORMER

Product overview

The clamp type current transformer is mainly used for cables and copper bars. It has simple structure, reasonable design and flexible application. According to the specifications of the copper bars used in the main circuit, there are many kinds of through holes corresponding to each other. The primary current of the main circuit includes 5A ~ 6000A, and the rated secondary output current is 0 ~ 5A (0 ~ 5V). This series of products can meet the technical requirements of grade 0.2, grade 0.5, grade 1 and other different precision. This product complies with standards GB/T20840.1.2, IEC 61869-1 and IEC 61869-2.

Product features

- ◆ Open and close structure, easy to install.
- ◆ This series of products have 3 specifications, and the primary current range is within 6000A.
- ◆ The secondary output is the standard signal of 5A\1A.

Scope of application

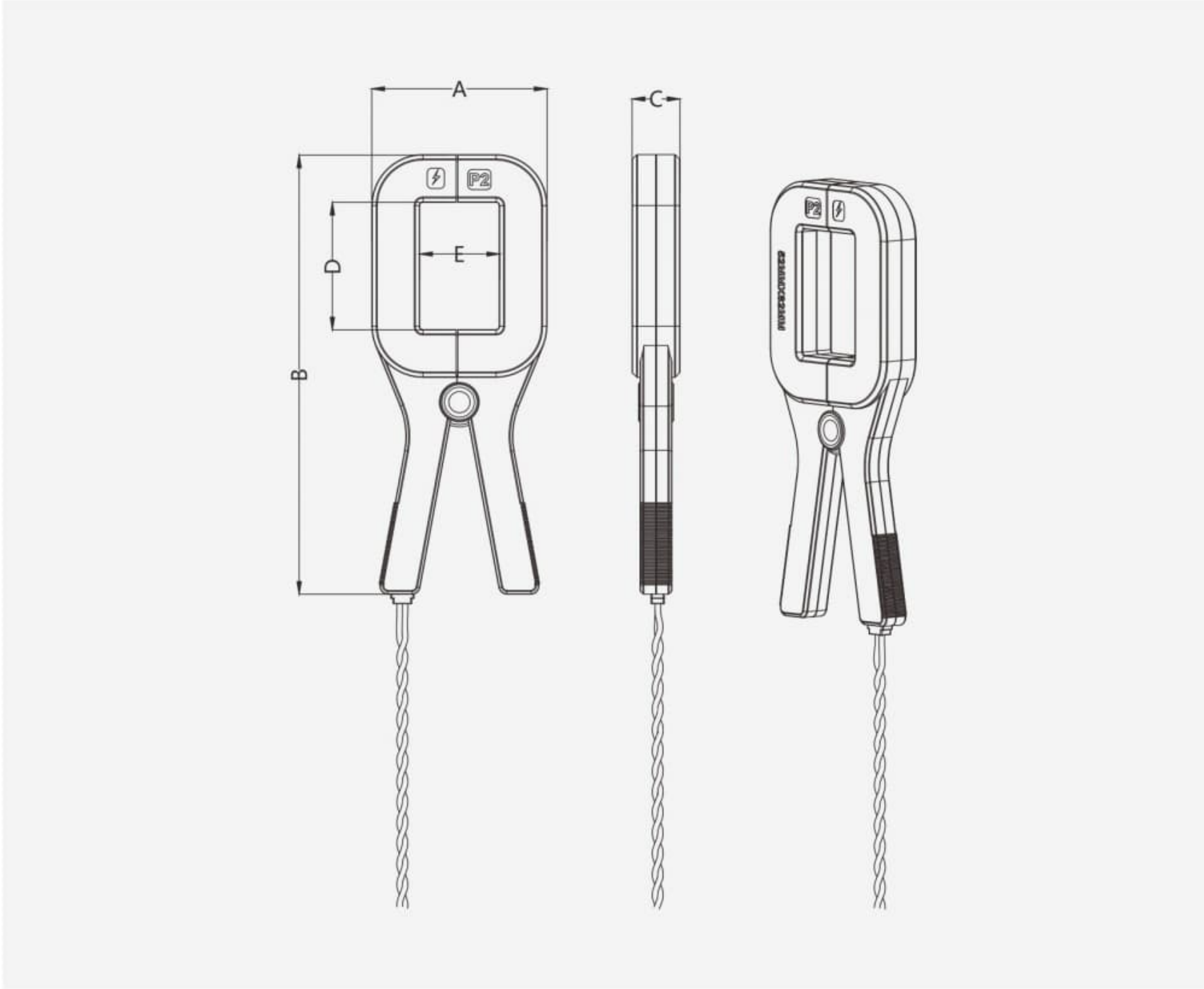
Power monitoring, energy consumption management, intelligent power system, electromagnetic relay protection, microcomputer protection, motor protection, rural power grid transformation, substation transformation, environmental protection detection, etc.

Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Highest equipment	0.66\0.72KVrms	Skeleton	PBT
Primary current	0-1000Arms	Iron core	Nickel or nanocrystalline
Secondary output	0-1V or 0-1A	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12°C~ +45°C
Dielectric strength	2.5KV/1mA/1min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MQ /min	Connection mode	Terminal type / shielded strand 1.5m

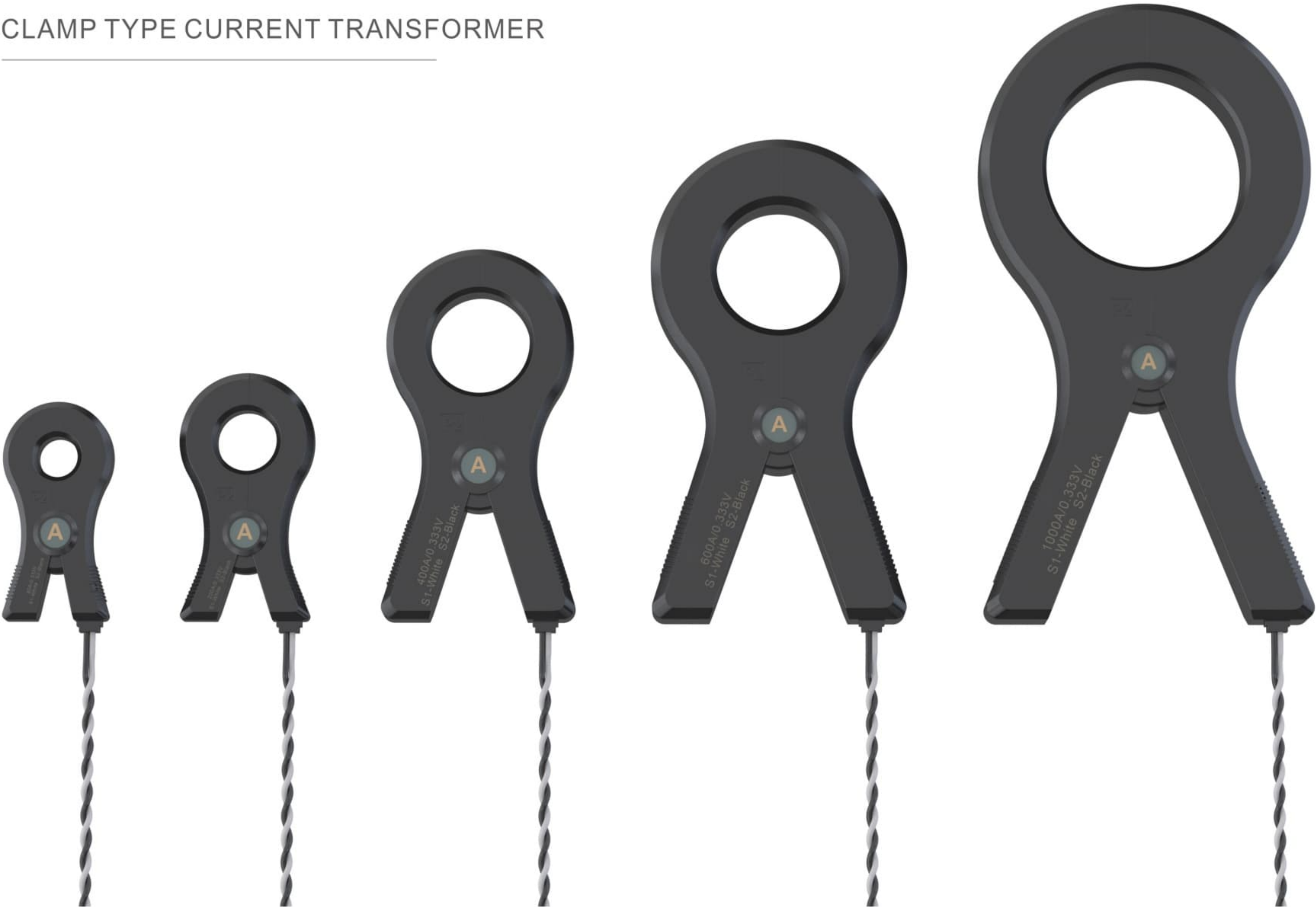
Outline and installation dimensions

Model and specification	Rated primary current input	Rated secondary current output	Accuracy class	Dimensions(mm)				
				A	B	C	D	E
QXDL3-58	5-1500A	0~5A	0.2	110	276	30	80	50
QXDL3-125	2-2000A		0.5S	110	319	30	125	50
QXDL3-160	5-6000A	0~5V	0.5	140	356	30	160	80



CNT-LQX1

CLAMP TYPE CURRENT TRANSFORMER



CLAMP TYPE CURRENT TRANSFORMER

Product overview

The clamp type current transformer is mainly used for cables and copper bars. It has simple structure, reasonable design and flexible application. According to the specifications of the copper bars used in the main circuit, there are many kinds of through holes corresponding to each other. The primary current of the main circuit includes 1A ~ 2000A, and the rated secondary output current is 0 ~ 5A (0 ~ 1V). This series of products can meet the technical requirements of grade 0.2, grade 0.5, grade 1 and other different precision. This product complies with standards GB/T20840.1.2, IEC 61869-1 and IEC 61869-2.

Product features

- Open and close structure, easy to install.
- This series of products have 5 specifications, and the primary current range is within 2000A.
- The secondary output is the standard signal of 5A\1A.

Scope of application

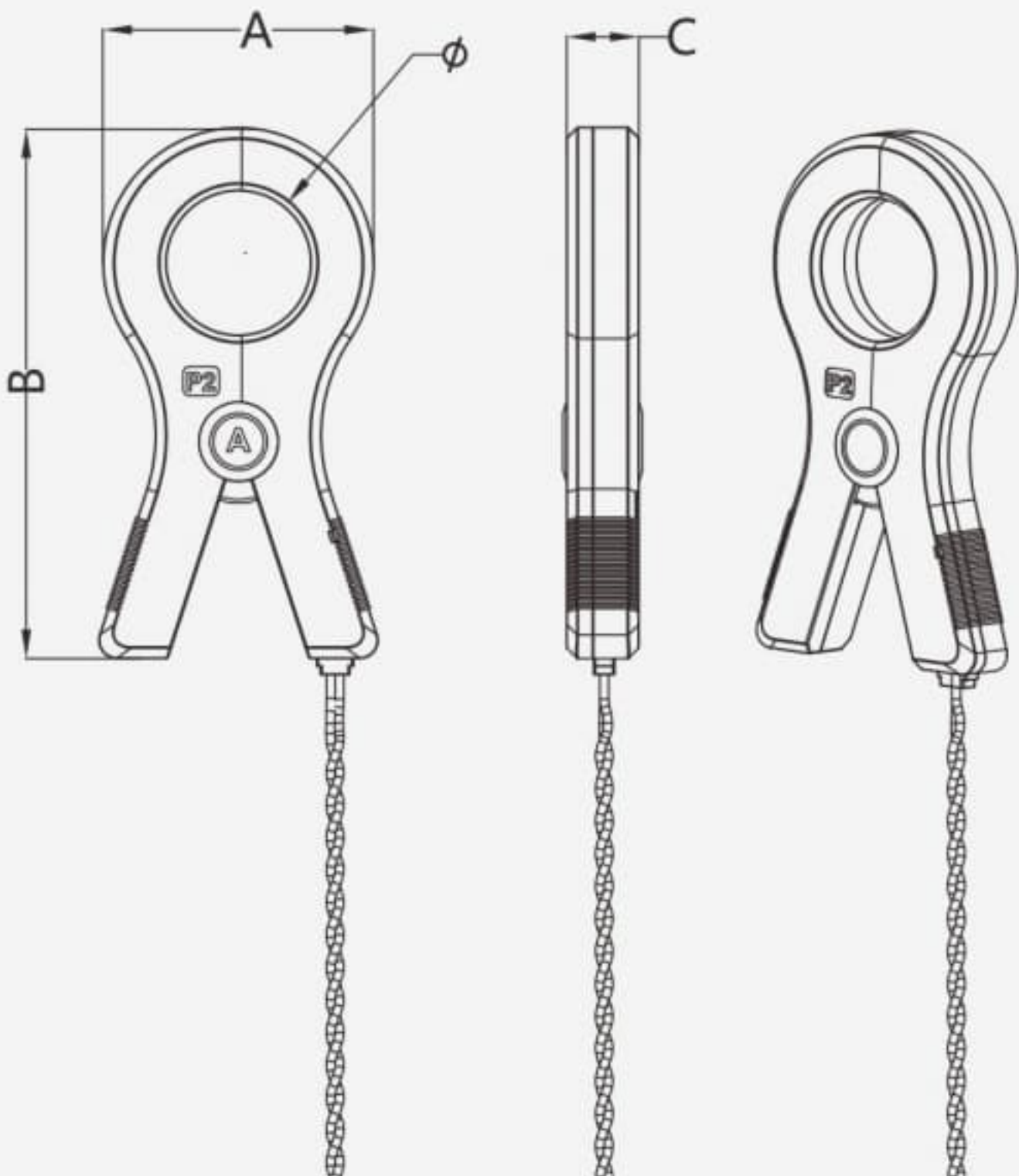
Power monitoring, energy consumption management, intelligent power system, electromagnetic relay protection, microcomputer protection, motor protection, rural power grid transformation, substation transformation, environmental protection detection, etc.

Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Highest equipment	0.66\0.72KVrms	Skeleton	PBT
Primary current	0-2000Arms	Iron core	Nickel or nanocrystalline
Secondary output	0-1V or 0-1A	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12°C~ +45°C
Dielectric strength	2.5KV/1mA/1min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MΩ /min	Connection mode	Terminal type / shielded strand 1.5m

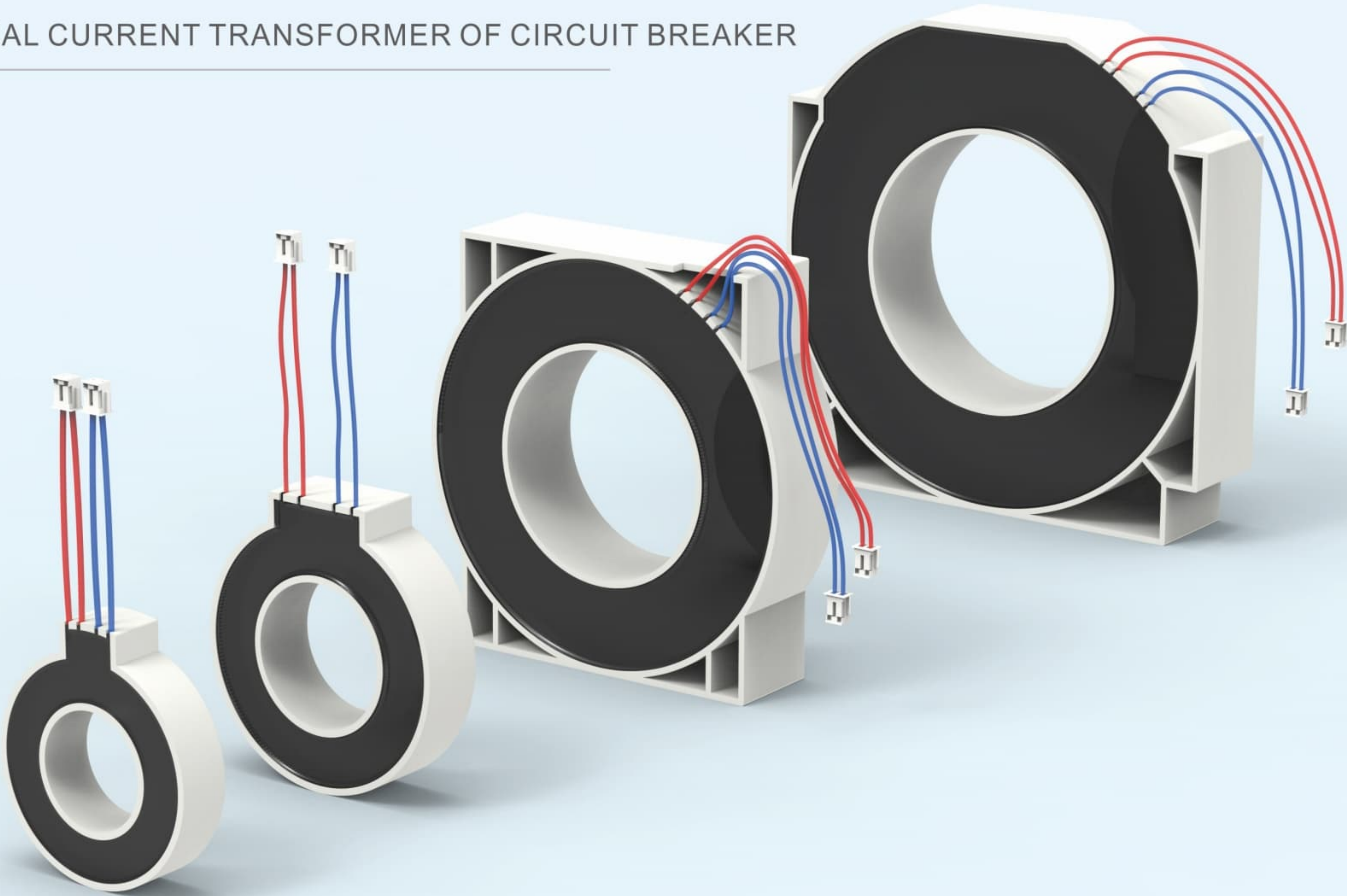
Outline and installation dimensions

Model and specification	Rated primary current input	Rated secondary current output	Accuracy class	Dimensions(mm)			
				Φ	A	B	C
LQX1-16	1-100A	0-1V 0-100MA	0.2 0.5S	16	44	86	13.5
LQX1-25	1-250A			24	54	98	13.5
LQX1-40	1-600A			40	75	147	20
LQX1-50	1-1250A	0-1V	0.5	50	103	191	28
LQX1-80	1-2000A	0-5A		80	133	246	28



CNT-DLQ

RESIDUAL CURRENT TRANSFORMER OF CIRCUIT BREAKER



RESIDUAL CURRENT TRANSFORMER OF CIRCUIT BREAKER

Product overview

Circular through type current transformer is mainly used in cable circuit environment. It has simple structure, small volume and flexible application. According to the specifications of the cable used in the main circuit, there are a variety of through hole diameters. The through hole diameter of this series of products ranges from 30mm to 200mm, and the main circuit current includes 63A to 2000a. This series of products can meet the technical requirements of grade 0.2, grade 0.5 and grade 1; At the same time, it can also meet the strict requirements of the new national standard for balance characteristics. The unbalanced current output value can be better than 30mA, 10mA, 5mA, or even 3mA, which greatly reduces the false alarm caused by the magnetic field interference of the main circuit current and provides sufficient guarantee for the reliability of the equipment. Excellent and advanced production process. This product complies with the standards GB 14287.2-2005, GB 14287.2-2014 and IEC 60364-4-42.

Product features

- Core piercing structure, flame retardant epoxy resin casting, good stability.
- High magnetic conductivity nickel steel or nanocrystalline, good linearity and high sensitivity
- Excellent balance characteristics and strong anti electromagnetic interference ability

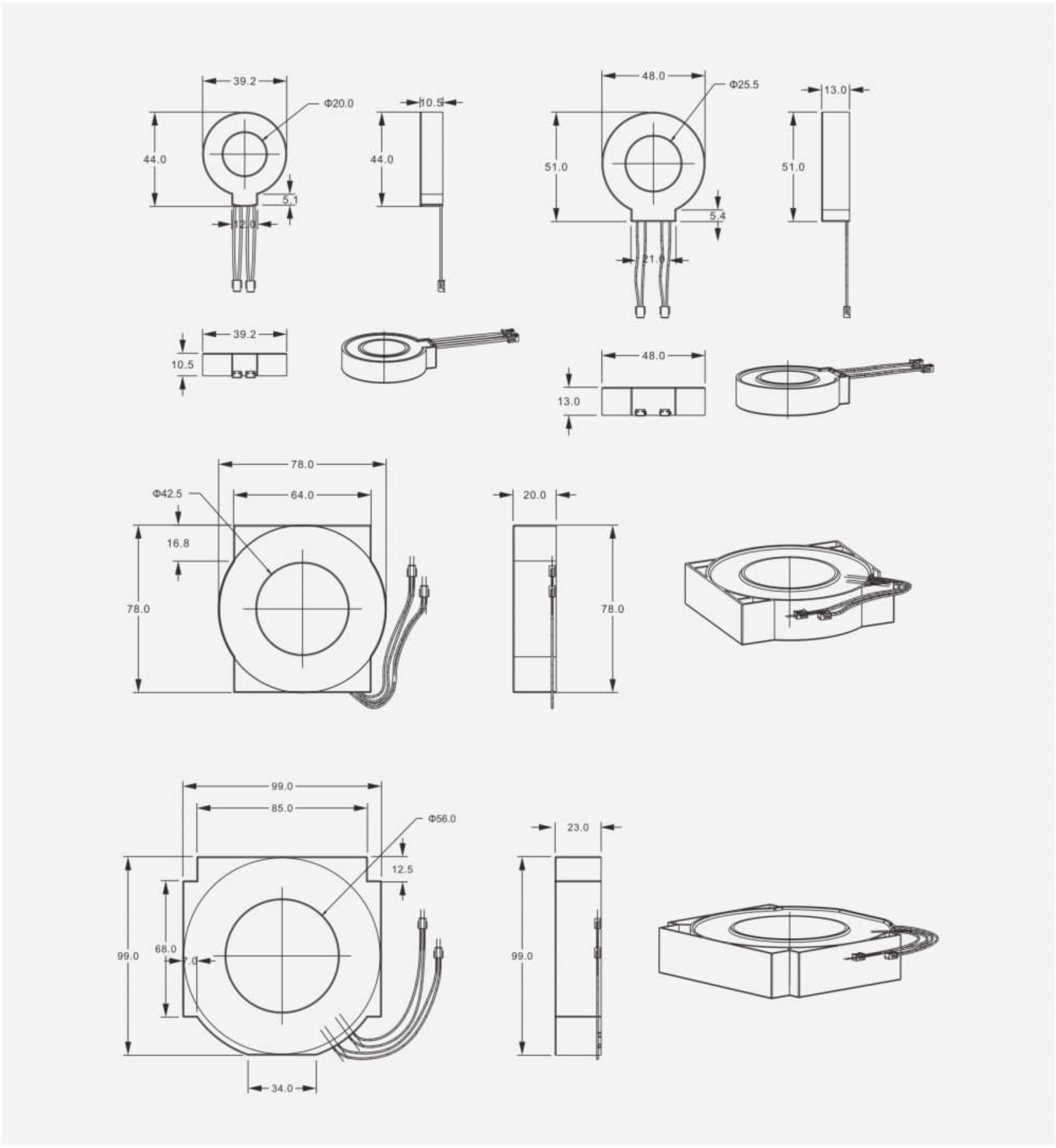
Scope of application

Electrical fire monitoring, fire prevention and leakage system, intelligent power system, small current grounding system, electromagnetic relay protection, microcomputer protection, intelligent power, environmental protection monitoring, etc.

Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Rated input	10mA~5A	Skeleton	PBT
Measuring range	10%In~130%In	Iron core	Nickel or nanocrystalline
Rated output	0~1VA or 0 ~100mA	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12°C~ +45°C
Dielectric strength	2.5KV/1mA/1min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MQ /min	Connection mode	Terminal type / shielded strand 1.5m

Outline and installation dimensions



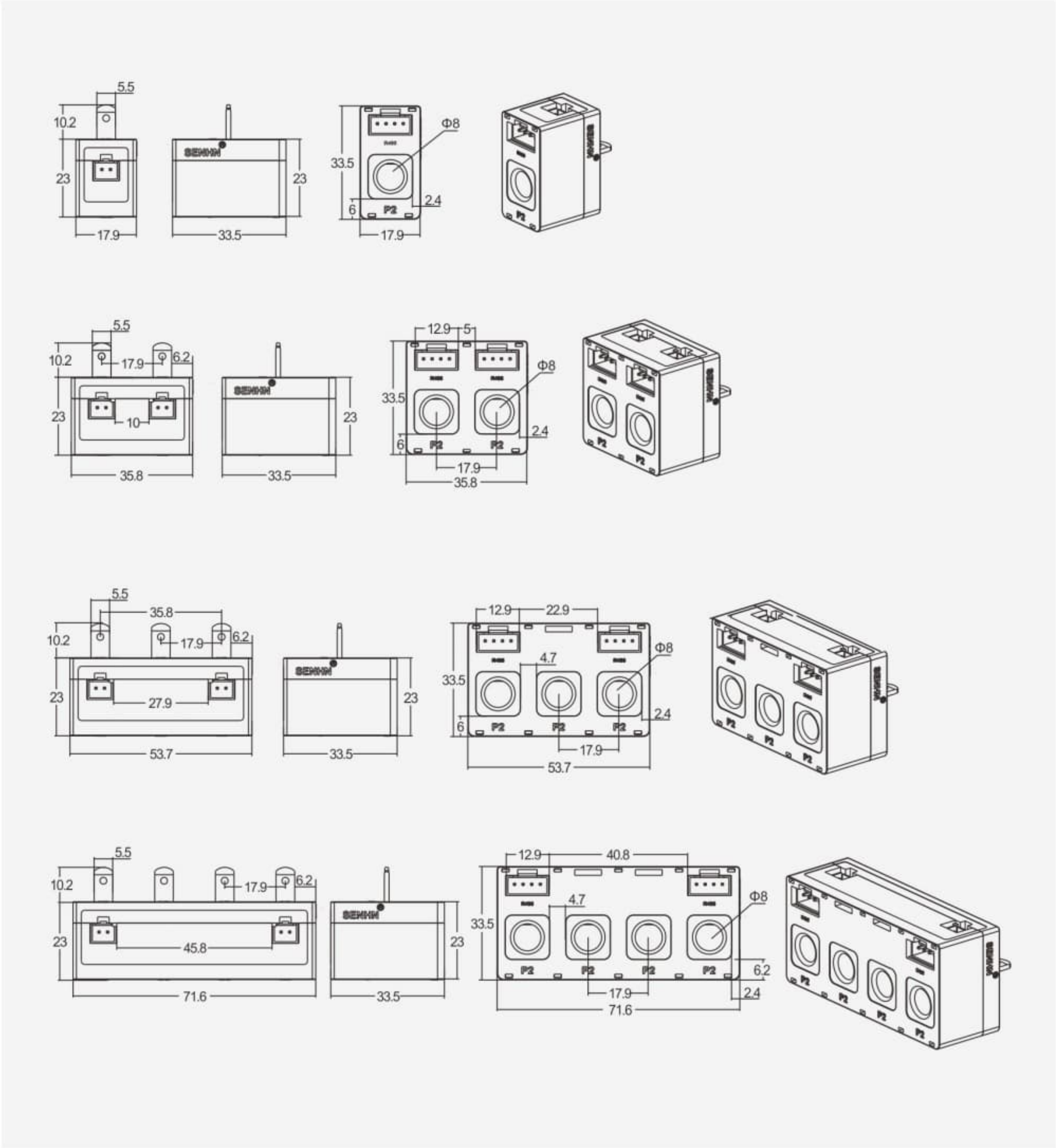
CNT-CT46

THREE-PHASE INTELLIGENT DIGITAL TRANSFORMER



THREE-PHASE INTELLIGENT DIGITAL TRANSFORMER

Outline and installation dimensions



Product overview

Three-phase intelligent digital transformer, designed for collecting current signals. The secondary current is mA level and must be used in the core threading mode, which is designed strictly in accordance with the standard NSX and NXM MCCB routing dimensions. This series of products has a wide measuring range, rated primary current range: 1A~800A rated secondary current range: 20mA~1A, excellent advanced production process. To ensure its accuracy level, reliability and other technical requirements. This product complies with the standards GB 28184-2011, GB/T20840.1.2, GB 14287.2-2014, IEC 60364-5-56, IEC 61869-1, IEC 61869-2 and IEC 60364-4-42.

Product features

- All copper wires and cables can pass through
- Core piercing structure, flame retardant epoxy resin casting, good stability
- High magnetic conductivity nickel steel or nanocrystalline, good linearity and high sensitivity
- Excellent balance characteristics and strong anti electromagnetic interference ability

Scope of application

Electrical fire monitoring, current and voltage sensor equipment, fire equipment power module, fire leakage system, small current grounding system, electromagnetic relay protection, microcomputer protection, intelligent power, environmental monitoring, etc.

Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Rated input	1A~800A	Skeleton	PBT
Measuring range	10%In~130%In	Iron core	Nickel or nanocrystalline
Rated output	0~1VA or 0~100mA	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12°C~ +45°C
Dielectric strength	2.5KV/1mA/1min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MQ /min	Connection mode	Terminal type / shielded strand 1.5m

CNT-CT3

THREE PHASE CURRENT TRANSFORMER



THREE PHASE CURRENT TRANSFORMER

Product overview

Three-phase current transformer, designed for collecting current signals. The secondary current is mA level and must be used in the core threading mode, which is designed strictly in accordance with the standard NSX and NXM MCCB routing dimensions. This series of products has a wide measuring range, rated primary current range: 1A~800A rated secondary current range: 20mA~1A, excellent advanced production process. To ensure its accuracy level, reliability and other technical requirements. This product complies with the standards GB 28184-2011, GB/T20840.1.2, GB 14287.2-2014, IEC 60364-5-56, IEC 61869-1, IEC 61869-2 and IEC 60364-4-42.

Product features

- All copper wires and cables can pass through
- Core piercing structure, flame retardant epoxy resin casting, good stability
- High magnetic conductivity nickel steel or nanocrystalline, good linearity and high sensitivity
- Excellent balance characteristics and strong anti electromagnetic interference ability

Scope of application

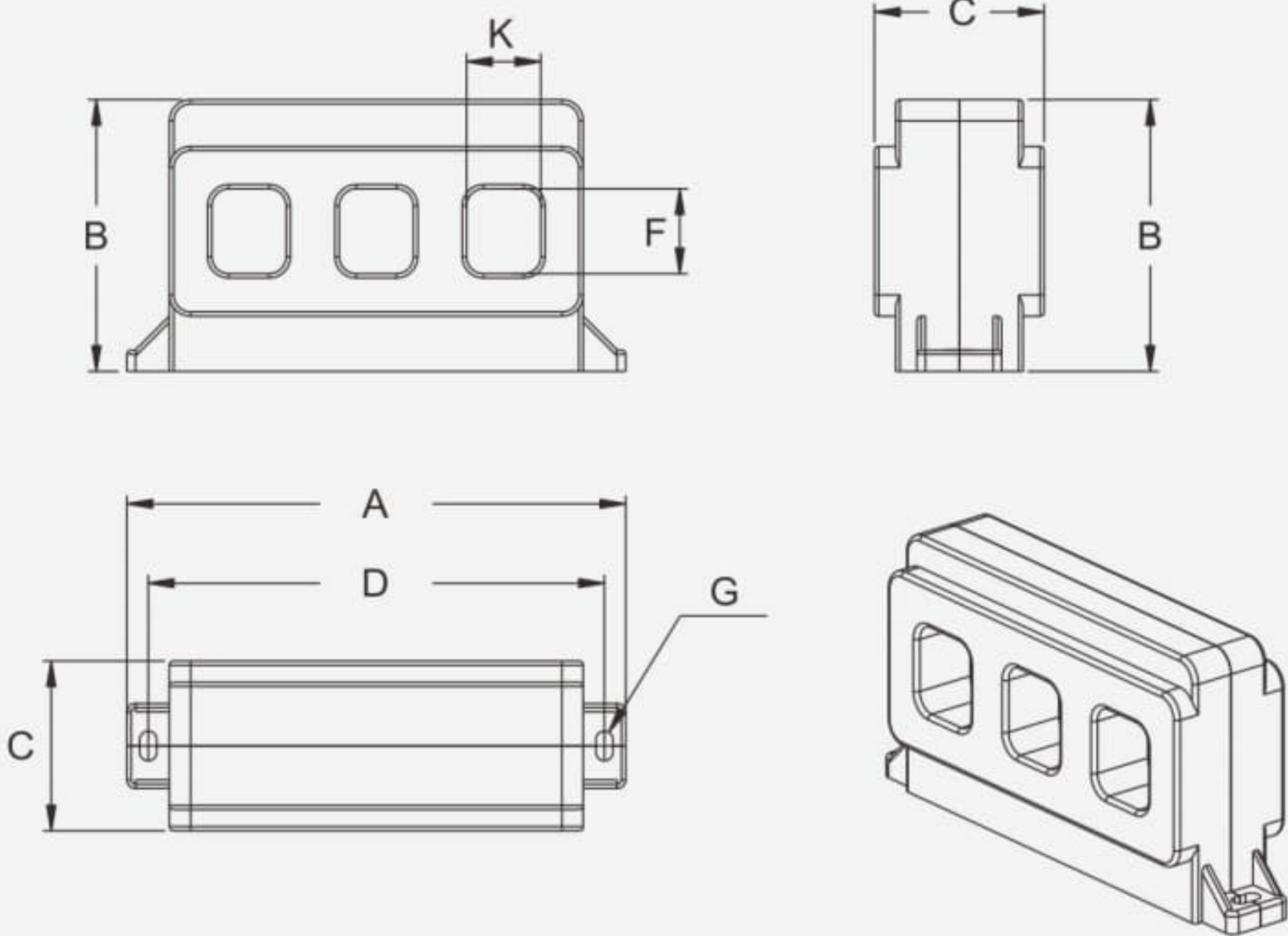
Electrical fire monitoring, current and voltage sensor equipment, fire equipment power module, fire leakage system, small current grounding system, electromagnetic relay protection, microcomputer protection, intelligent power, environmental monitoring, etc.

Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Rated input	1A~800A	Skeleton	PBT
Measuring range	10%In~130%In	Iron core	Nickel or nanocrystalline
Rated output	0~1VA or 0~100mA	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12°C~ +45°C
Dielectric strength	2.5KV/1mA/1min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MQ /min	Connection mode	Terminal type / shielded strand 1.5m

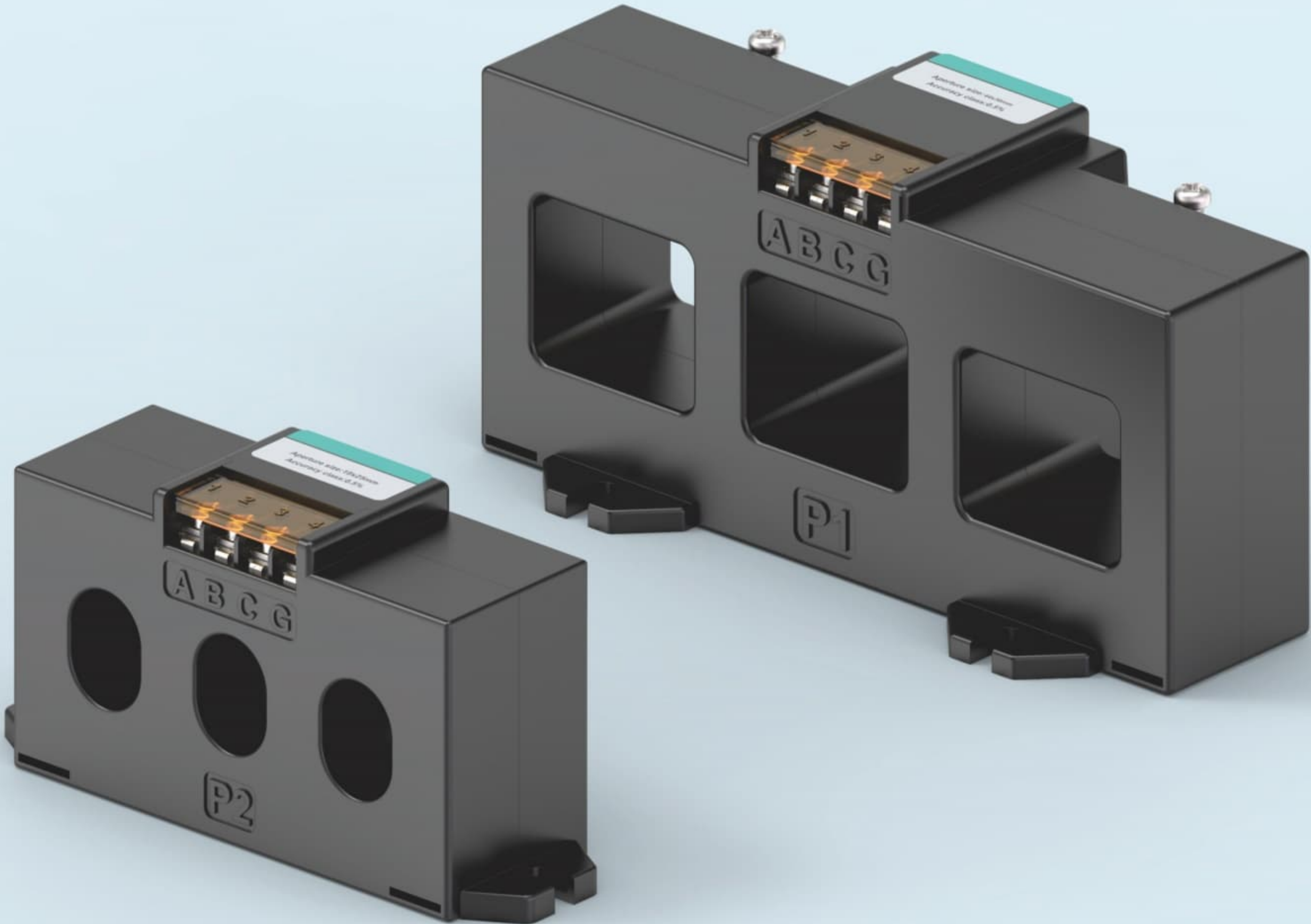
Outline and installation dimensions

Model and specification	(A) Rated input	(mA/v) Rated output	Accuracy class	Dimensions(mm)						
				A	B	K	F	C	D	G
CT3-100	1A 50A 100A 250A 400A 600A 800A	0~1V 50mA 100mA 100mV 200mV	0.1	118	60	18	20	30	108	M4*7
CT3-250				136	63	22	25	35	123	M4*7
CT3-400			0.2							
			0.5	180	93	32	35	40	166	M4*7
CT3-630			1.0	210	108	42	40	40	196	M4*7



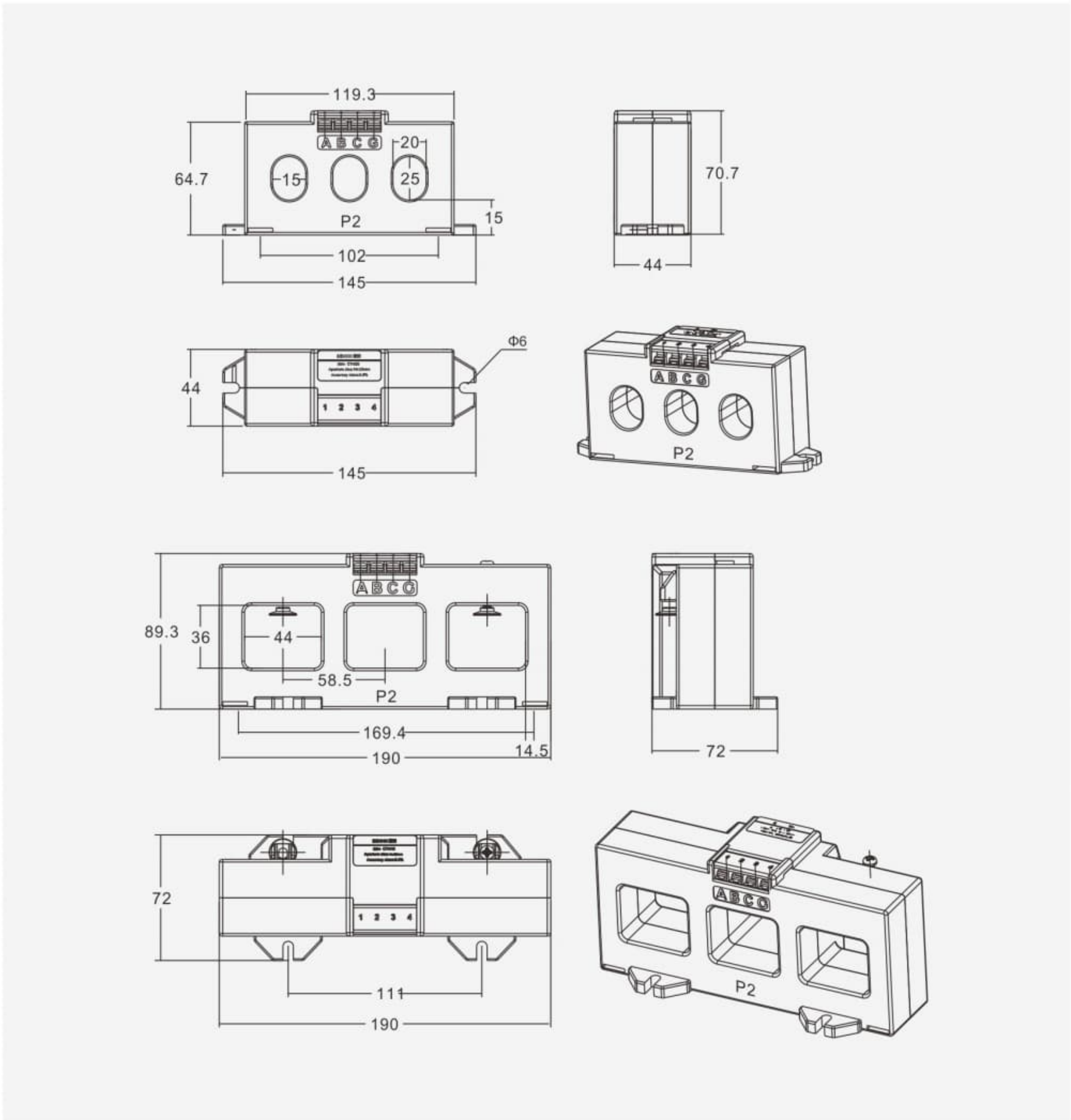
CNT-CT4

THREE PHASE CURRENT TRANSFORMER



THREE PHASE CURRENT TRANSFORMER

Outline and installation dimensions



Product overview

Three-phase current transformer, designed for collecting current signals. The secondary current is mA level and must be used in the core threading mode, which is designed strictly in accordance with the standard NSX and NXM MCCB routing dimensions. This series of products has a wide measuring range, rated primary current range: 1A~800A rated secondary current range: 20MA~1A, excellent advanced production process. To ensure its accuracy level, reliability and other technical requirements. This product complies with the standards GB 28184-2011, GB/T20840.1.2, GB 14287.2-2014, IEC 60364-5-56, IEC 61869-1, IEC 61869-2 and IEC 60364-4-42.

Product features

- All copper wires and cables can pass through
- Core piercing structure, flame retardant epoxy resin casting, good stability
- High magnetic conductivity nickel steel or nanocrystalline, good linearity and high sensitivity
- Excellent balance characteristics and strong anti electromagnetic interference ability

Scope of application

Electrical fire monitoring, current and voltage sensor equipment, fire equipment power module, fire leakage system, small current grounding system, electromagnetic relay protection, microcomputer protection, intelligent power, environmental monitoring, etc.

Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Rated input	1A~800A	Skeleton	PBT
Measuring range	10%In~130%In	Iron core	Nickel or nanocrystalline
Rated output	0~1VA or 0~100mA	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12℃~ +45℃
Dielectric strength	2.5KV/1mA/1min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MQ /min	Connection mode	Terminal type / shielded strand 1.5m

CNT-CT5

THREE PHASE CURRENT TRANSFORMER



Figure 1

THREE PHASE CURRENT TRANSFORMER

Product overview

Three-phase current transformer, designed for collecting current signals. The secondary current is mA level and must be used in the core threading mode, which is designed strictly in accordance with the standard NSX and NXM MCCB routing dimensions. This series of products has a wide measuring range, rated **primary current range: 1A-8000A**, **rated secondary current range: 20mA-5A**, excellent advanced production process. To ensure its accuracy level, reliability and other technical requirements. This product complies with the standards GB 28184-2011, GB/T20840.1.2, GB 14287.2-2014, IEC 60364-5-56, IEC 61869-1, IEC 61869-2 and IEC 60364-4-42.

Product features

- All copper wires and cables can pass through
- Core piercing structure, flame retardant epoxy resin casting, good stability
- High magnetic conductivity nickel steel or nanocrystalline, good linearity and high sensitivity
- Excellent balance characteristics and strong anti electromagnetic interference ability

Scope of application

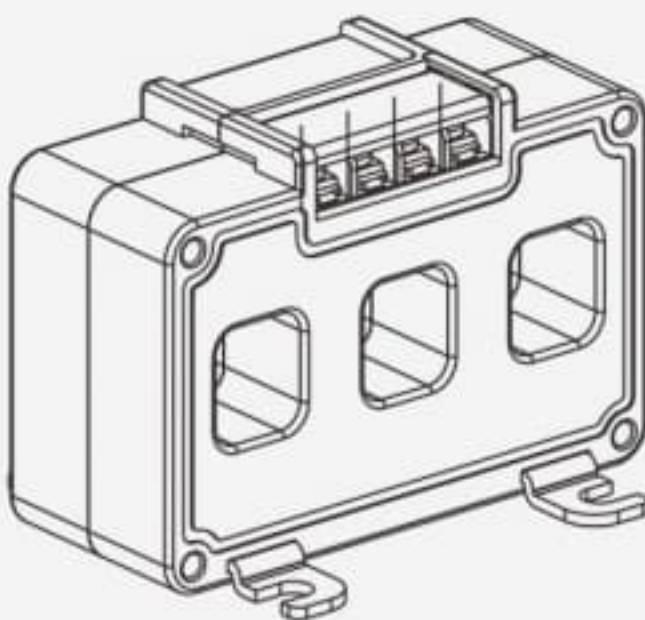
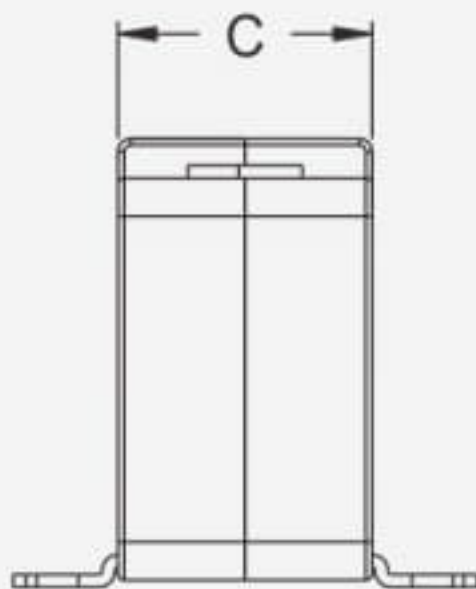
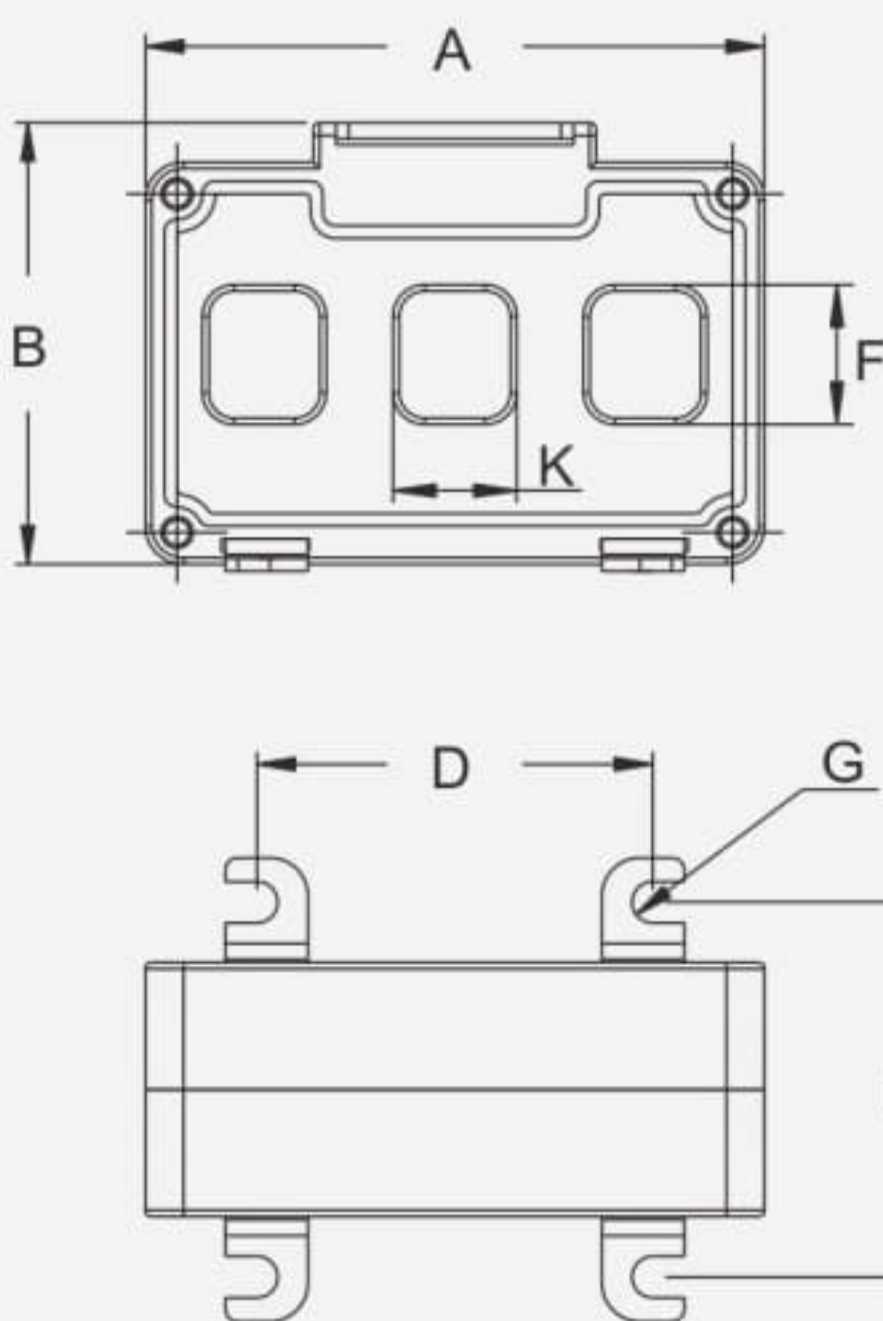
Electrical fire monitoring, current and voltage sensor equipment, fire equipment power module, fire leakage system, small current grounding system, electromagnetic relay protection, microcomputer protection, intelligent power, environmental monitoring, etc.

Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Rated input	0~800A	Skeleton	PBT
Measuring range	10%In~130%In	Iron core	Nickel or nanocrystalline
Rated output	0~1VA or 0~100mA	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12°C~ +45°C
Dielectric strength	2.5KV/1mA/1min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MΩ /min	Connection mode	Terminal type / shielded strand 1.5m

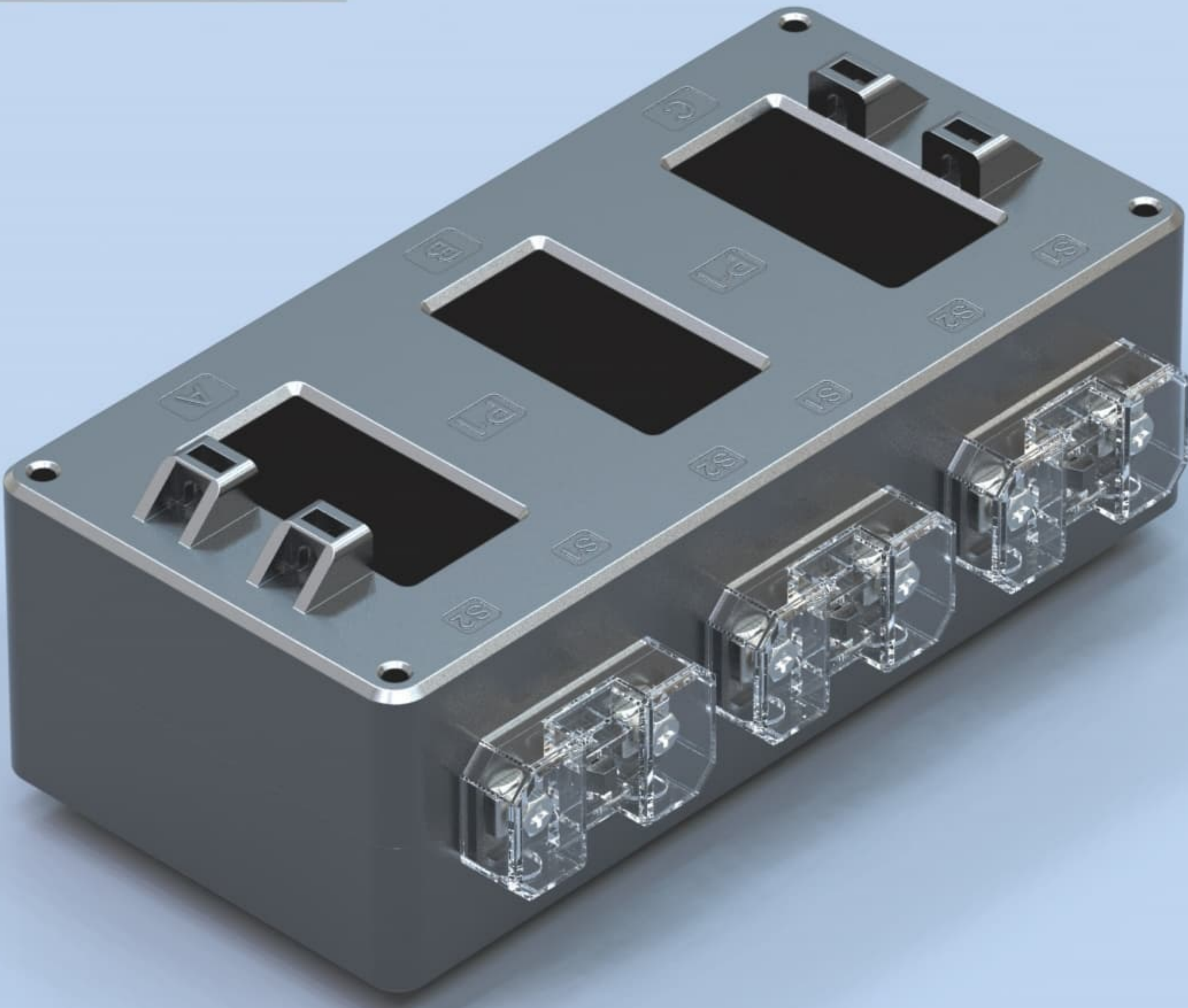
Outline and installation dimensions

Model and specification	额定 (A) Rated input	(mA/v) Rated output	Accuracy class	Dimensions(mm)							
				A	B	K	F	C	D	E	G
CT5-100	0~100A	0~1V (0~5A)	0.1 0.2 0.5 1.0	97.5	69.5	17.5	20	40	62	59	M6
CT5-250	0~250A			110	77	20	25	40	72	59	M6
CT5-400	0~400A			150	101	30	35	40	108	59	M6
CT5-800	0~800A			212	88	45	34	40	179	58	M6



CNT-CT9

THREE PHASE CURRENT TRANSFORMER



THREE PHASE CURRENT TRANSFORMER

Product overview

Three-phase current transformer, designed for collecting current signals. The secondary current is A level and must be used in the core threading mode, which is designed strictly in accordance with the standard NSX and NXM MCCB routing dimensions. This series of products has a wide measuring range, rated primary current range: 5A~6000A rated secondary current range: 20mA~5A, excellent advanced production process. To ensure its accuracy level, reliability and other technical requirements. This product complies with the standards GB 28184-2011, GB/T20840.1.2, GB 14287.2-2014, IEC 60364-5-56, IEC 61869-1, IEC 61869-2 and IEC 60364-4-42.

Product features

- All copper wires and cables can pass through
- Core piercing structure, flame retardant epoxy resin casting, good stability
- High magnetic conductivity nickel steel or nanocrystalline, good linearity and high sensitivity
- Excellent balance characteristics and strong anti electromagnetic interference ability

Scope of application

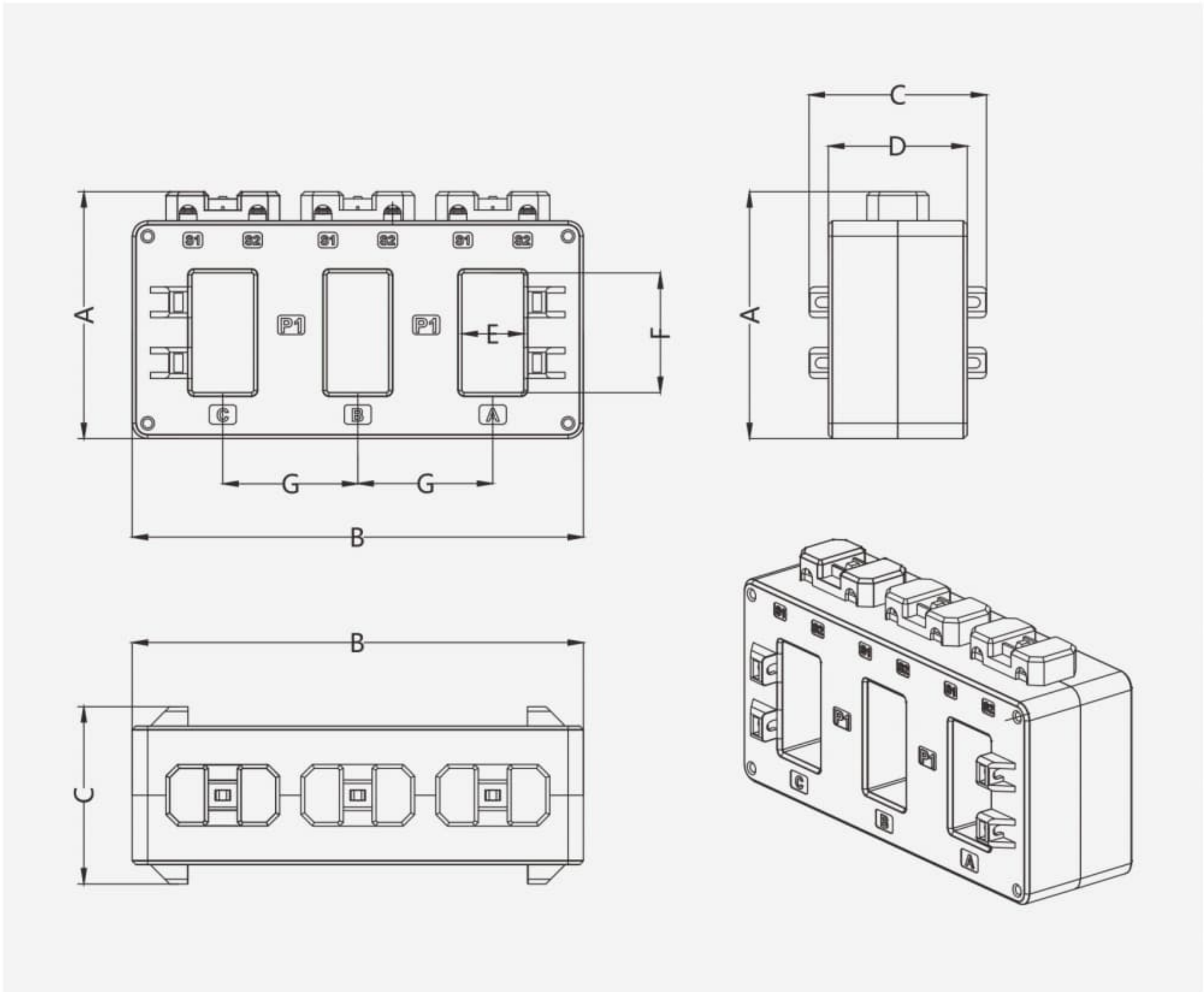
Electrical fire monitoring, current and voltage sensor equipment, fire equipment power module, fire leakage system, small current grounding system, electromagnetic relay protection, microcomputer protection, intelligent power, environmental monitoring, etc.

Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Rated input	5A~6000A	Skeleton	PBT
Measuring range	10%In~130%In	Iron core	Nickel or nanocrystalline
Rated output	0~1VA or 0~100mA	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12℃~ +45℃
Dielectric strength	2.5KV/1mA/1min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MQ /min	Connection mode	Terminal type / shielded strand 1.5m

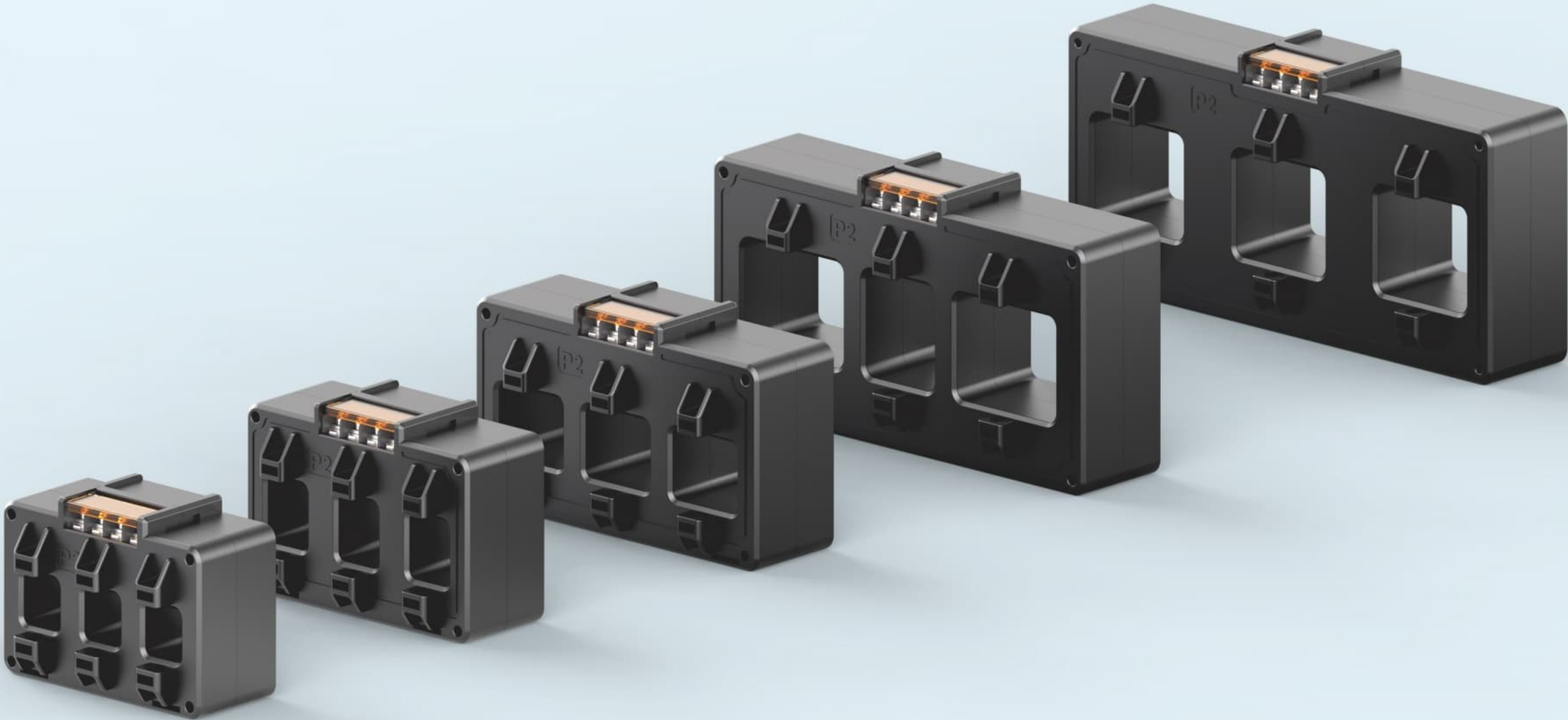
Outline and installation dimensions

Model and specification	(A) Rated input	(mA/v) Rated output	Accuracy class	Dimensions(mm)						
				A	B	C	D	E	F	G
CT9	5-6000A	0-5V (0-5A)	0.5 0.2S	128	234	92	72	32	62	70



CNT-CT6

THREE PHASE CURRENT TRANSFORMER



THREE PHASE CURRENT TRANSFORMER

Product overview

Three-phase current transformer, designed for collecting current signals. The secondary current is A level and must be used in the core threading mode, which is designed strictly in accordance with the standard NSX and NXM MCCB routing dimensions. This series of products has a wide measuring range, rated primary current range: 0~800A rated secondary current range: 20MA~5A, excellent advanced production process. To ensure its accuracy level, reliability and other technical requirements. This product complies with the standards GB 28184-2011, GB/T20840.1.2, GB 14287.2-2014, IEC 60364-5-56, IEC 61869-1, IEC 61869-2 and IEC 60364-4-42.

Product features

- All copper wires and cables can pass through
- Core piercing structure, flame retardant epoxy resin casting, good stability
- High magnetic conductivity nickel steel or nanocrystalline, good linearity and high sensitivity
- Excellent balance characteristics and strong anti electromagnetic interference ability

Scope of application

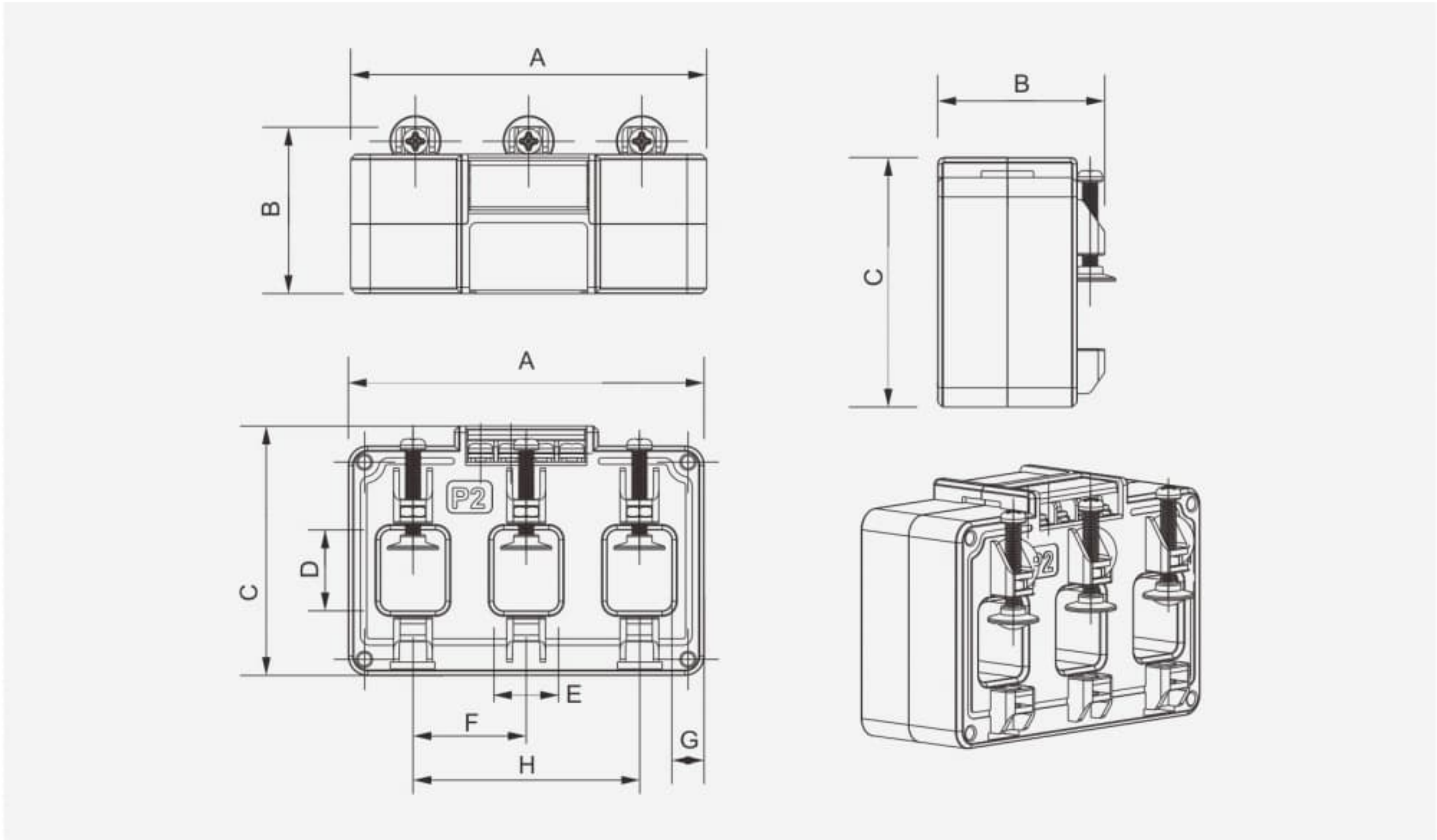
Electrical fire monitoring, current and voltage sensor equipment, fire equipment power module, fire leakage system, small current grounding system, electromagnetic relay protection, microcomputer protection, intelligent power, environmental monitoring, etc.

Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Rated input	0~800A	Skeleton	PBT
Measuring range	10%In~130%In	Iron core	Nickel or nanocrystalline
Rated output	0~1VA or 0~100mA	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12°C~ +45°C
Dielectric strength	2.5KV/1mA/1min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MQ /min	Connection mode	Terminal type / shielded strand 1.5m

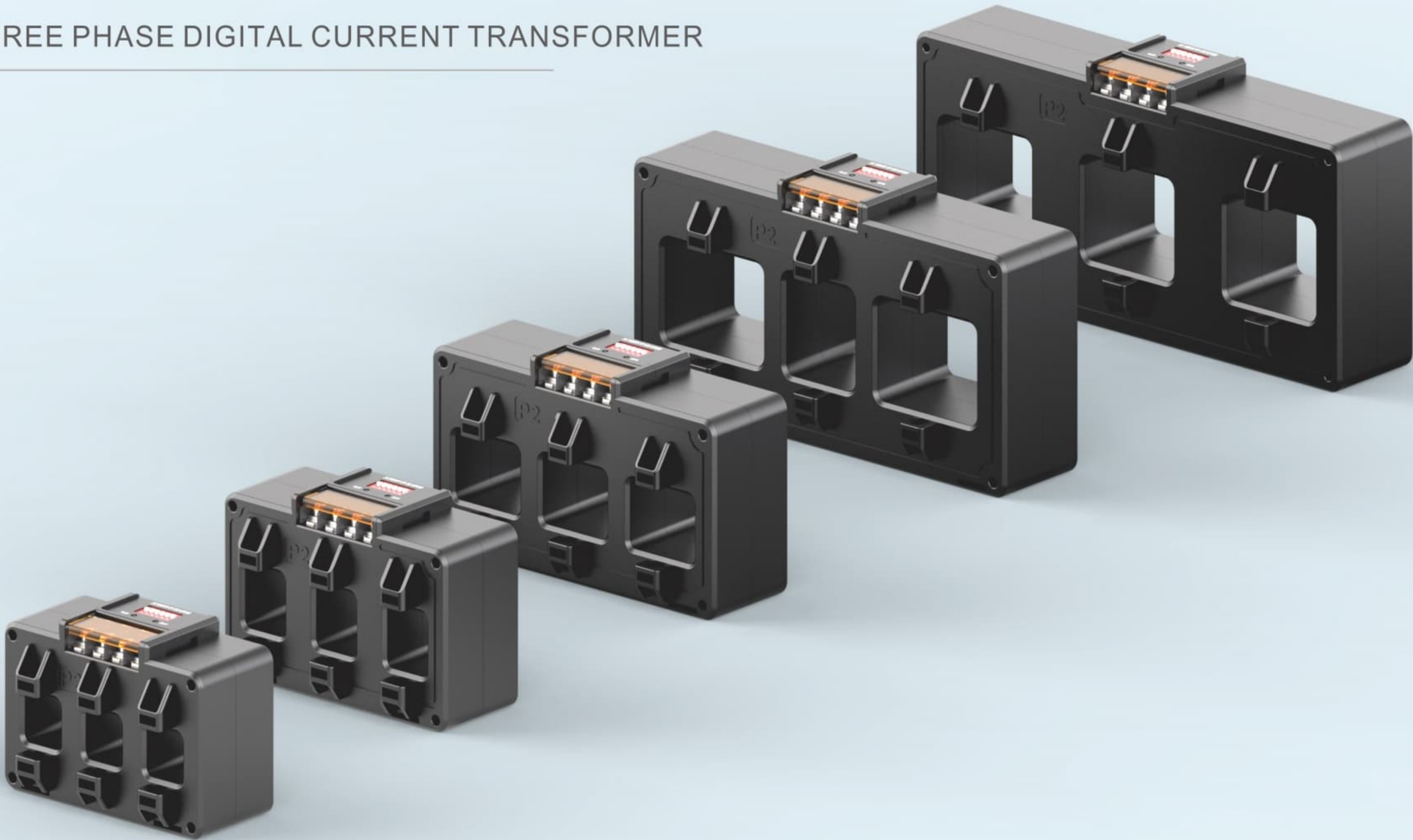
Outline and installation dimensions

Model and specification	(A) Rated input	(mA/v) Rated output	Accuracy class	Dimensions(mm)							
				A	B	C	D	E	F	G	H
CT6-100	0~100A	0~1V (0~5A)	0.1 0.2 0.5 1.0	98	51.6	71.5	20	18	30	10	65
CT6-250	0~250A			110	51.6	77.2	25	20	35	10	70
CT6-400	0~400A			140	51.6	84	27	32	43	10	108
CT6-600	0~600A			184	51.6	100	40	49	52	15	152
CT6-800	0~800A			210	51.6	105	40	44	70	13	177



CNT-CTS6

THREE PHASE DIGITAL CURRENT TRANSFORMER



THREE PHASE DIGITAL CURRENT TRANSFORMER

Product overview

Three-phase digital current transformer designed for collecting current signals. The secondary current is class A and must be used in the core threading mode, which is designed in strict accordance with the standard NSX and NXM MCCB routing dimensions. This series of products has a wide measuring range, rated primary current range: 0~800A rated secondary current range: 20MA~5A, excellent advanced production process. To ensure its accuracy level, reliability and other technical requirements. This product complies with the standards GB 28184-2011, GB/T20840.1.2, GB 14287.2-2014, IEC 60364-5-56, IEC 61869-1, IEC 61869-2 and IEC 60364-4-42.

Product features

- All copper wires and cables can pass through
- Core piercing structure, flame retardant epoxy resin casting, good stability
- High magnetic conductivity nickel steel or nanocrystalline, good linearity and high sensitivity
- Excellent balance characteristics and strong anti electromagnetic interference ability

Scope of application

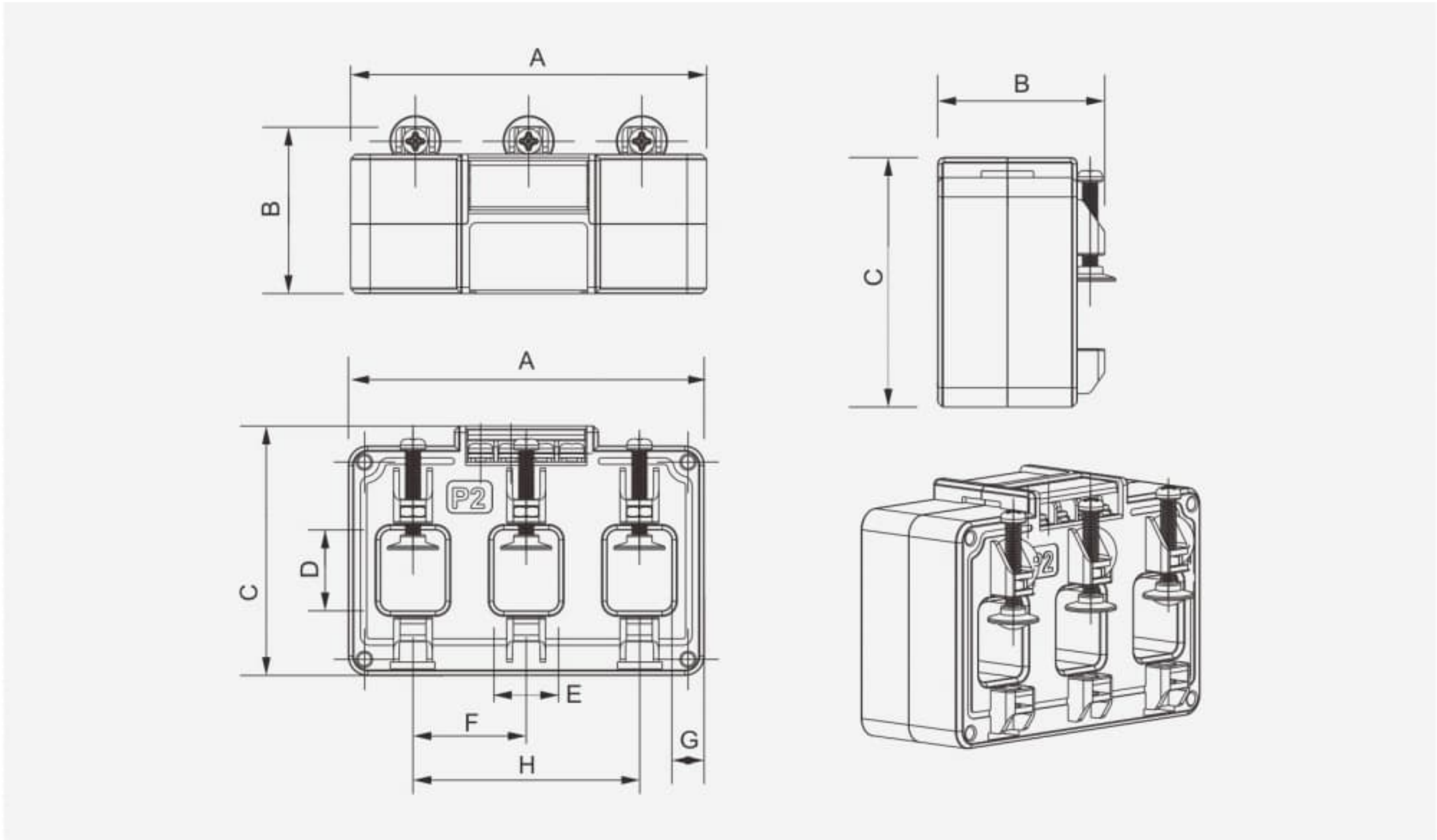
Electrical fire monitoring, current and voltage sensor equipment, fire equipment power module, fire leakage system, small current grounding system, electromagnetic relay protection, microcomputer protection, intelligent power, environmental monitoring, etc.

Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Rated input	0A~800A	Skeleton	PBT
Measuring range	10%In~130%In	Iron core	Nickel or nanocrystalline
Rated output	0~1VA or 0~100mA	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12℃~ +45℃
Dielectric strength	2.5KV/1mA/1min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MQ /min	Connection mode	Terminal type / shielded strand 1.5m

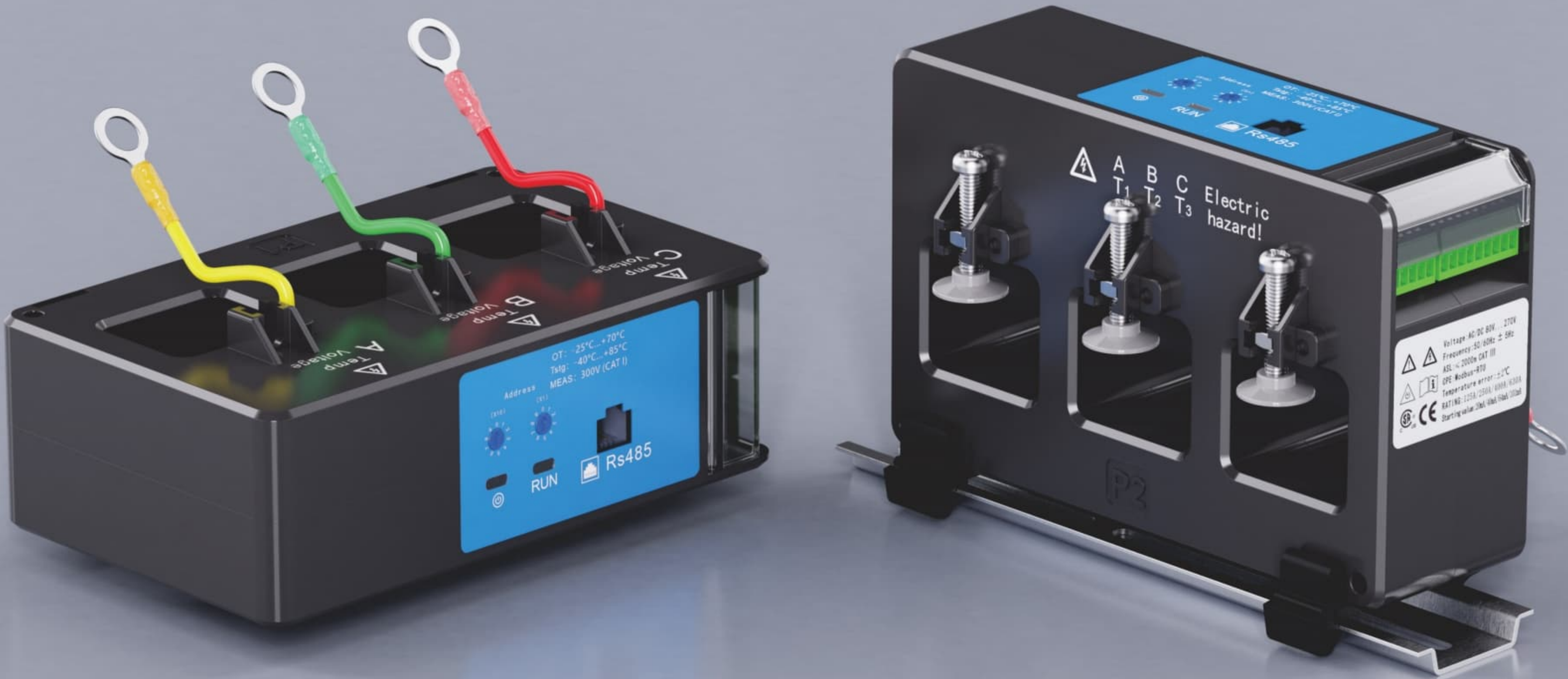
Outline and installation dimensions

Model and specification	(A) Rated input	(mA/v) Rated output	Accuracy class	Dimensions(mm)							
				A	B	C	D	E	F	G	H
CTS6-100	0~100A	DC4~20mA DC0-20mA 0~5V 0~10V RS485	0.1 0.2 0.5 1.0	98	51.6	71.5	20	18	30	10	65
CTS6-250	0~250A			110	51.6	77.2	25	20	35	10	70
CTS6-400	0~400A			140	51.6	84	27	32	43	10	108
CTS6-600	0~600A			184	51.6	100	40	49	52	15	152
CTS6-800	0~800A			210	51.6	105	40	40	70	13	177



CNT-CTS6-2

THREE PHASE DIGITAL CURRENT TRANSFORMER



THREE PHASE DIGITAL CURRENT TRANSFORMER

Product overview

Three-phase digital current transformer designed for collecting current signals. The secondary current is class A and must be used in the core threading mode, which is designed in strict accordance with the standard NSX and NXM MCCB routing dimensions. This series of products has a wide measuring range, rated primary current range: 1A~800A, rated secondary current range: 20mA~5A, excellent advanced production process. To ensure its accuracy level, reliability and other technical requirements. This product complies with the standards GB 28184-2011, GB/T20840.1.2, GB 14287.2-2014, IEC 60364-5-56, IEC 61869-1, IEC 61869-2 and IEC 60364-4-42.

Product features

- All copper wires and cables can pass through
- Core piercing structure, flame retardant epoxy resin casting, good stability
- High magnetic conductivity nickel steel or nanocrystalline, good linearity and high sensitivity
- Excellent balance characteristics and strong anti electromagnetic interference ability

Scope of application

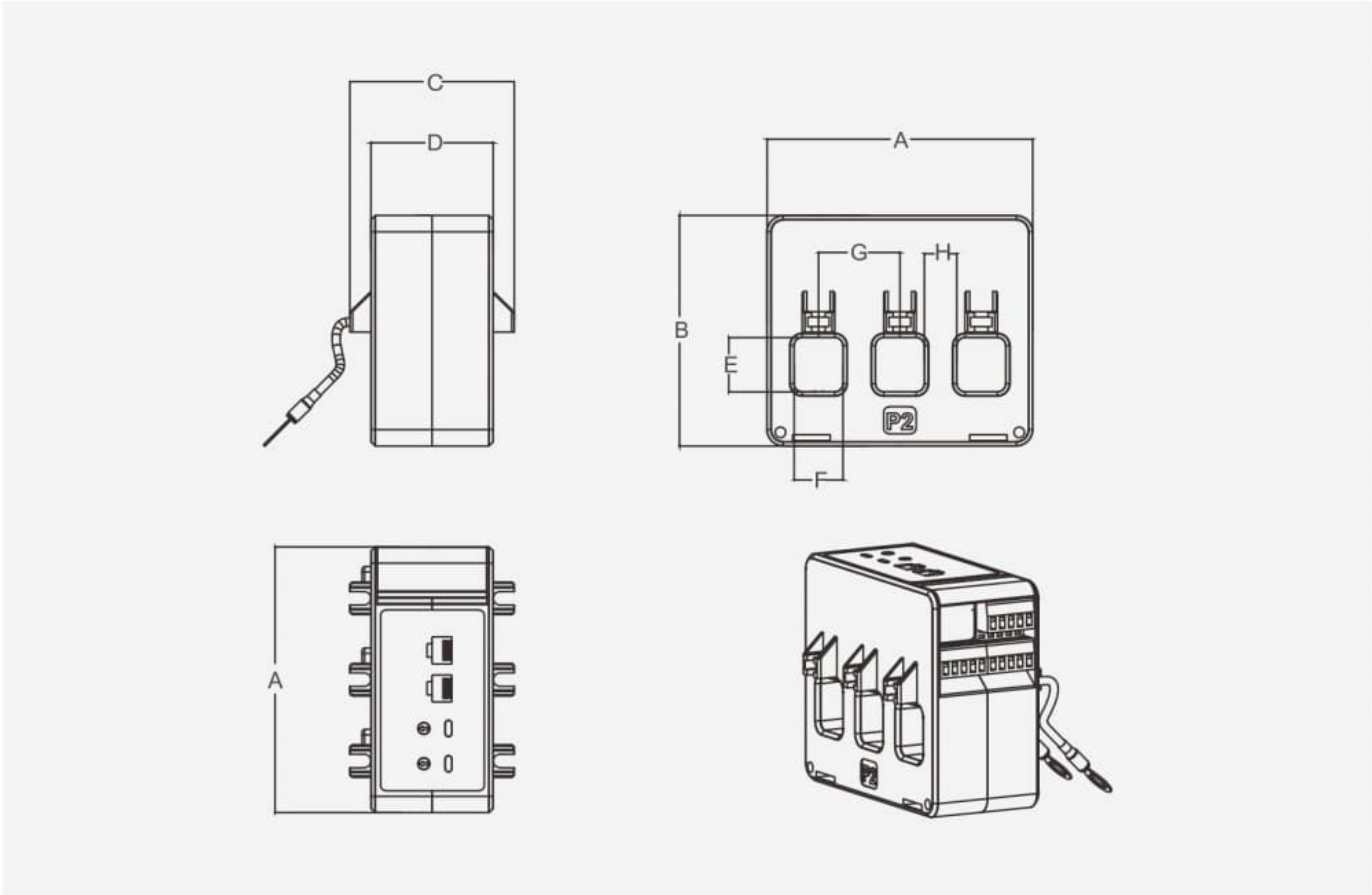
Electrical fire monitoring, current and voltage sensor equipment, fire equipment power module, fire leakage system, small current grounding system, electromagnetic relay protection, microcomputer protection, intelligent power, environmental monitoring, etc.

Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Rated input	1A~800A	Skeleton	PBT
Measuring range	10%In~130%In	Iron core	Nickel or nanocrystalline
Rated output	DC4~20mA,DC0-20mA, 0~5V,0~10V,485	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12℃~ +45℃
Dielectric strength	2.5KV/1mA/1min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MΩ /min	Connection mode	Terminal type / shielded strand 1.5m

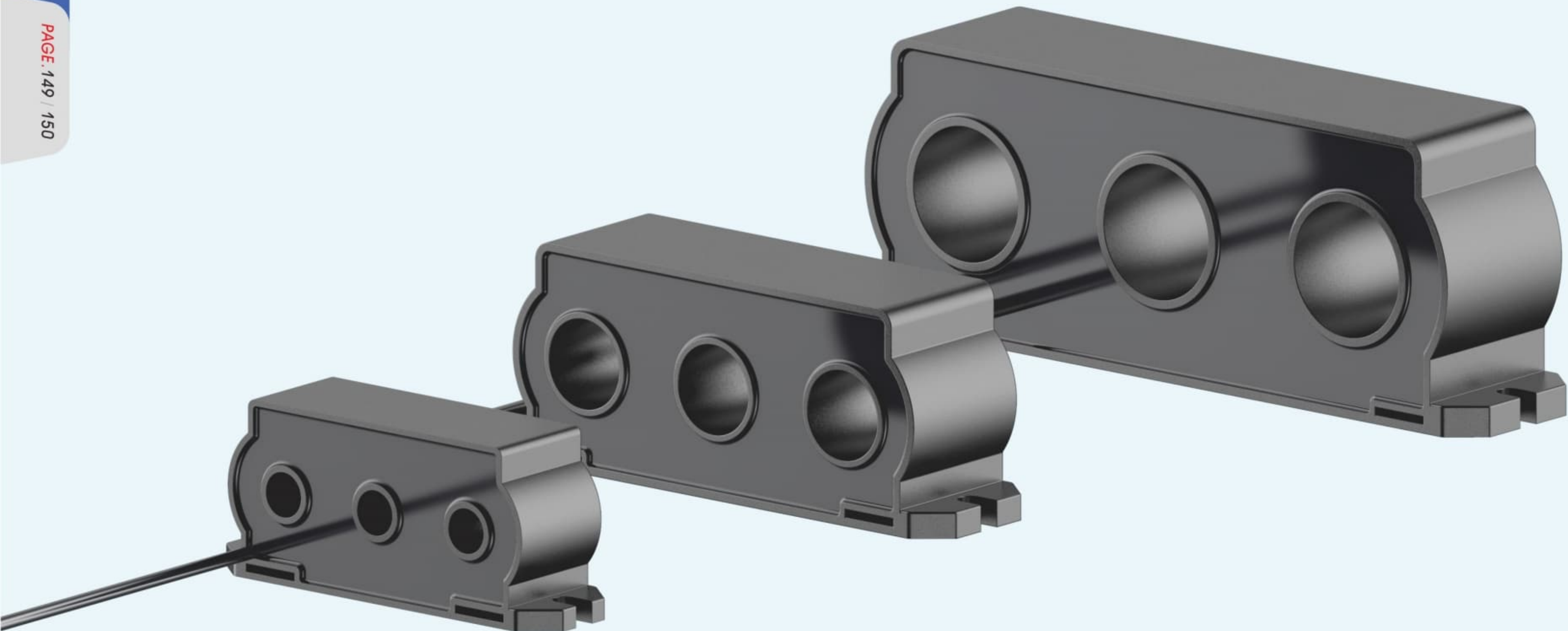
Outline and installation dimensions

Model and specification	(A) Rated input	(mA/v) Rated output	Accuracy class	Dimensions(mm)							
				A	B	C	D	E	F	G	H
CTS6-2/100	1~100A	0~1V 0~10MA RS485	0.2 0.5S 0.5	98	85	61	45	20	18	30	12
CTS6-2/250	1~250A			110	95	61	45	25	20	35	15
CTS6-2/400	1~400A			140	96	61	45	27	32	43	11
CTS6-2/800	1~800A			184	120	61	45	49	40	52	11



CNT-CT3A

THREE PHASE CURRENT TRANSFORMER



THREE PHASE CURRENT TRANSFORMER

Product overview

Three-phase digital current transformer designed for collecting current signals. The secondary current is class A and must be used in the core threading mode, which is designed in strict accordance with the standard NSX and NXM MCCB routing dimensions. This series of products has a wide measuring range, rated primary current range: 1A~800A rated secondary current range: 20MA~5A, excellent advanced production process. To ensure its accuracy level, reliability and other technical requirements. This product complies with the standards GB 28184-2011, GB/T20840.1.2, GB 14287.2-2014, IEC 60364-5-56, IEC 61869-1, IEC 61869-2 and IEC 60364-4-42.

Product features

- All copper wires and cables can pass through
- Core piercing structure, flame retardant epoxy resin casting, good stability
- High magnetic conductivity nickel steel or nanocrystalline, good linearity and high sensitivity
- Excellent balance characteristics and strong anti electromagnetic interference ability

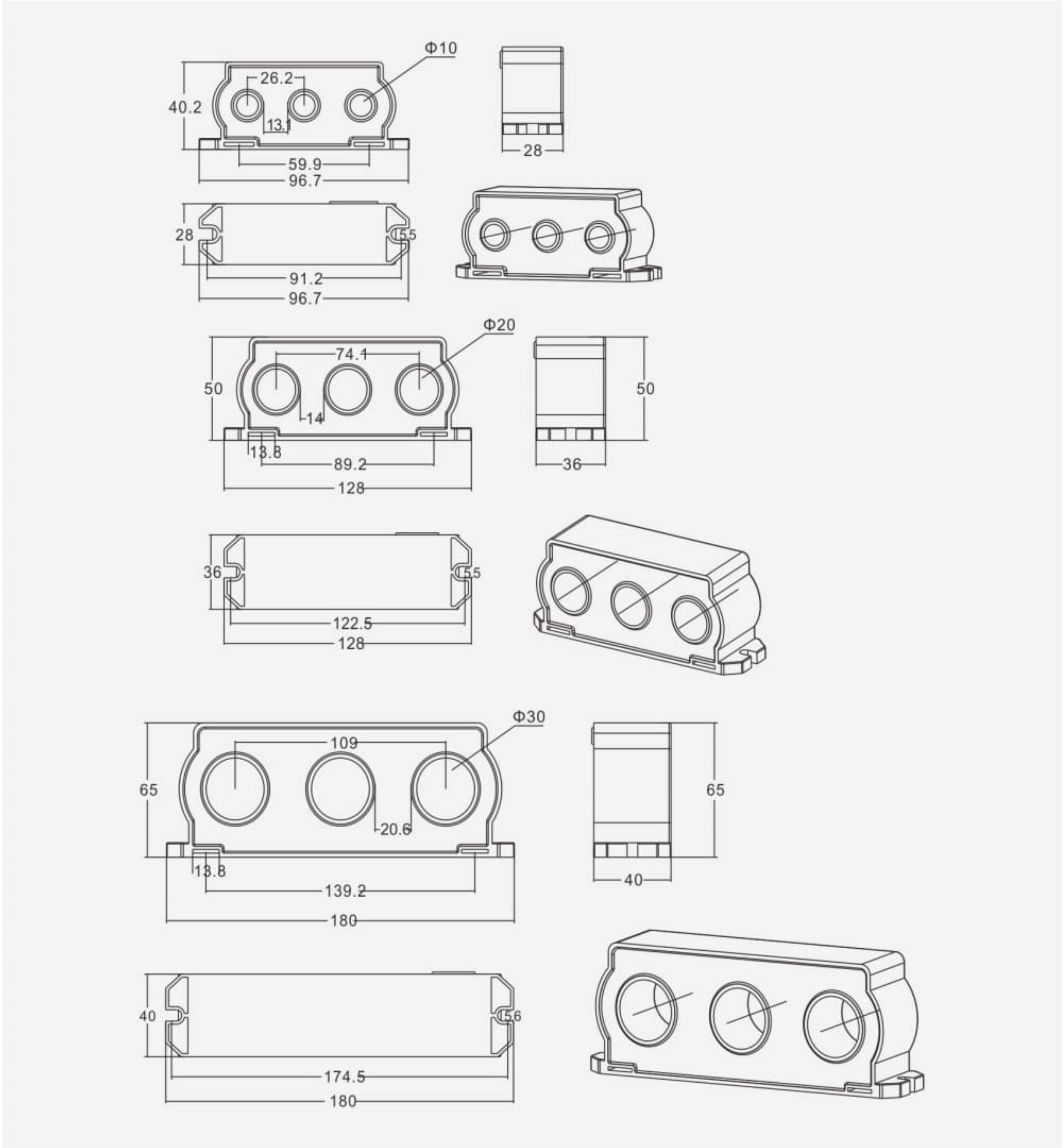
Scope of application

Electrical fire monitoring, current and voltage sensor equipment, fire equipment power module, fire leakage system, small current grounding system, electromagnetic relay protection, microcomputer protection, intelligent power, environmental monitoring, etc.

Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Rated input	1A~800A	Skeleton	PBT
Measuring range	10%In~130%In	Iron core	Nickel or nanocrystalline
Rated output	0~1V(A or)0~1A/100mA	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12°C~ +45°C
Dielectric strength	2.5KV/1mA/1min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MQ /min	Connection mode	Terminal type / shielded strand 1.5m

Outline and installation dimensions



CNT-Y3

CIRCULAR THREE PHASE CURRENT TRANSFORMER



CIRCULAR THREE PHASE CURRENT TRANSFORMER

Outline and installation dimensions

Product overview

Round three-phase current transformer designed for collecting current signals. The secondary current is mA level and must be used in the core threading mode, which is designed strictly in accordance with the standard NSX and NXM MCCB routing dimensions. This series of products has a wide measuring range, rated primary current range: 1A~800A rated secondary current range: 20MA~1A, excellent advanced production process. To ensure its accuracy level, reliability and other technical requirements. This product complies with the standards GB 28184-2011, GB 14287.2-2014, IEC 60364-5-56 and IEC 60364-4-42.

Product features

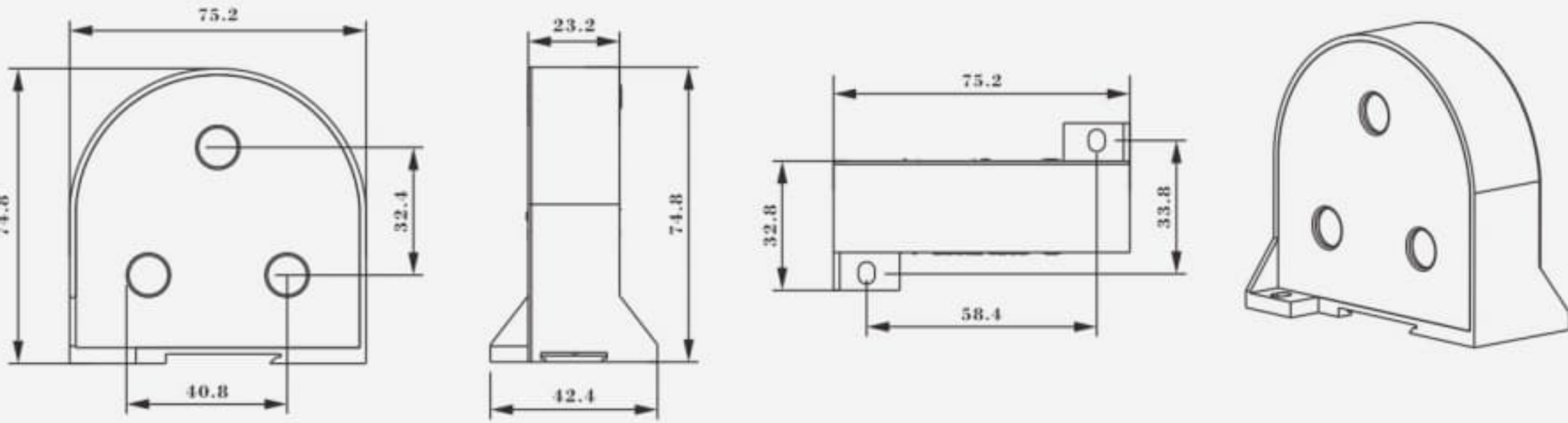
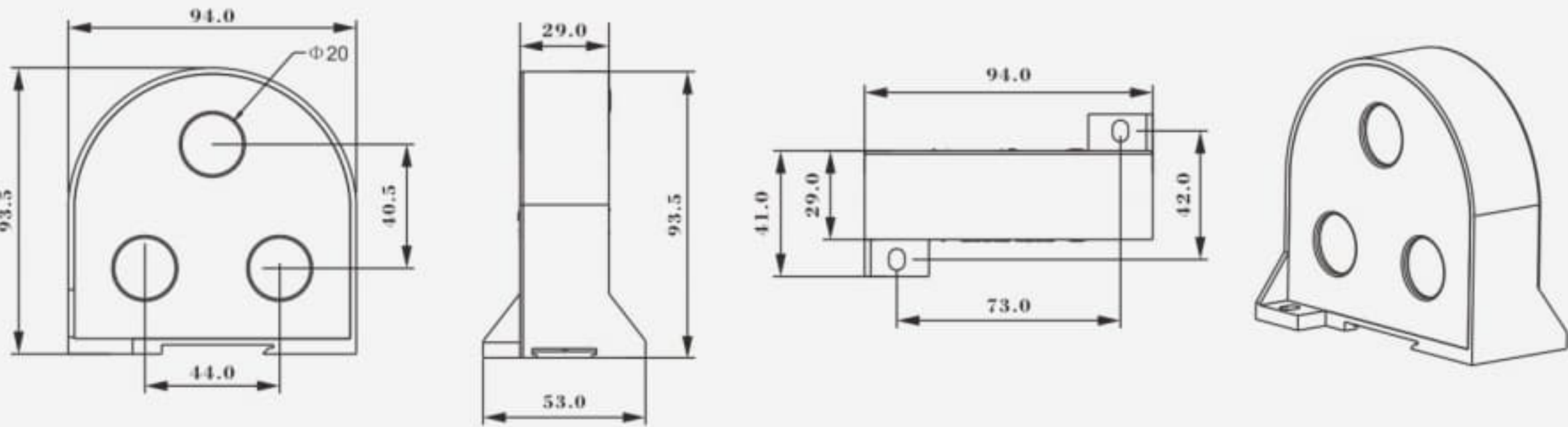
- All copper wires and cables can pass through
- Core piercing structure, flame retardant epoxy resin casting, good stability
- High magnetic conductivity nickel steel or nanocrystalline, good linearity and high sensitivity
- Excellent balance characteristics and strong anti electromagnetic interference ability

Scope of application

Electrical fire monitoring, current and voltage sensor equipment, fire equipment power module, fire leakage system, small current grounding system, electromagnetic relay protection, microcomputer protection, intelligent power, environmental monitoring, etc.

Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Rated input	1A~800A	Skeleton	PBT
Measuring range	10%In~130%In	Iron core	Nickel or nanocrystalline
Rated output	0~1V(A or)0~1A/100mA	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12℃~ +45℃
Dielectric strength	2.5KV/1mA/1min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MQ /min	Connection mode	Terminal type / shielded strand 1.5m



CNT-CTHF

OUTDOOR WATERPROOF WIRELESS CURRENT TEMPERATURE SENSOR



OUTDOOR WATERPROOF WIRELESS CURRENT TEMPERATURE SENSOR

Product overview

Wireless passive current temperature sensor is to realize the needs of intelligent and automatic low-voltage distribution network, comprehensive data acquisition and monitoring is necessary. Through real-time online monitoring of the temperature, current and voltage of cables and bus bars, early hidden dangers can be obtained to ensure the safety of users. The passive composite sensor uses the electromagnetic energy around the transmission line to obtain electric energy, online monitoring the temperature and current of the cable, combined with wireless communication, to complete fast and accurate online measurement and save the shackles of the cable, and realize the function of wireless data transmission. The product does not need external power supply and is maintenance free for life. It is suitable for on-line monitoring of temperature and current of transmission conductor in low voltage switchgear. The sensor is not in direct contact with the surface of the electrical equipment, and its built-in analog temperature sensor senses the ambient temperature of the contact surface and gets the corresponding voltage signal. According to the relationship between the voltage signal and non induction, the surface temperature of the live equipment can be determined. Non direct contact, electric field induction is used to detect whether the line is charged, and to detect whether the line is charged when there is no load and no current passing through.

Product function

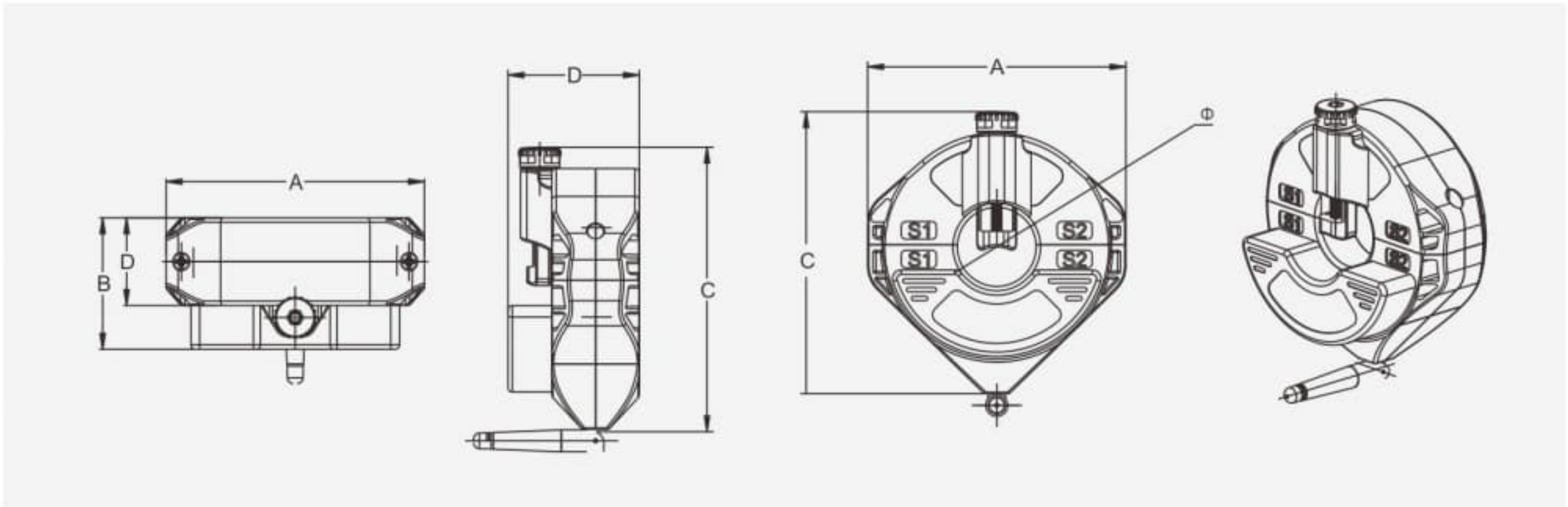
- Double power supply
The electromagnetic energy of AC power line is collected and converted into electrical energy to provide working power for the sensor. When the measured object through the AC current is greater than 0.5A, the sensor can start to work. Intelligent energy storage technology is used to store excess power to ensure the continuous operation of the sensor. If the current in the circuit is less than the starting current and the circuit is in power failure state, the standby battery in the sensor can be used to supply power to keep the sensor working normally.
- Data measurement and transmission
During the working period of the sensor, according to the set acquisition frequency, the surface temperature of the cable can be measured by the temperature sensor, and the current flowing through the cable can be measured by the current transformer, so as to realize the online monitoring of the cable temperature and current at the same time. At the same time, the sensor can automatically adjust the measurement time according to the amount of collected energy. The collected data is transmitted to the

Performance index

Technical parameter			
Wireless receiving mode	Star structure point to point communication	Energy source	Power frequency magnetic field replaceablehigh temperature lithium battery
Temperature and current acquisition and transmitter	5S Primary current above 1A	CT Minimum deenergization current	0.5A , AC
Minimum starting current cold start time	≤4min	Working humidity range	-40~150℃ Non battery powered
Recommended operating temperature range	-40~+85℃	Protection level	IP42
Storage temperature	-20 ~ +55℃	Installation method	Snap fit installation

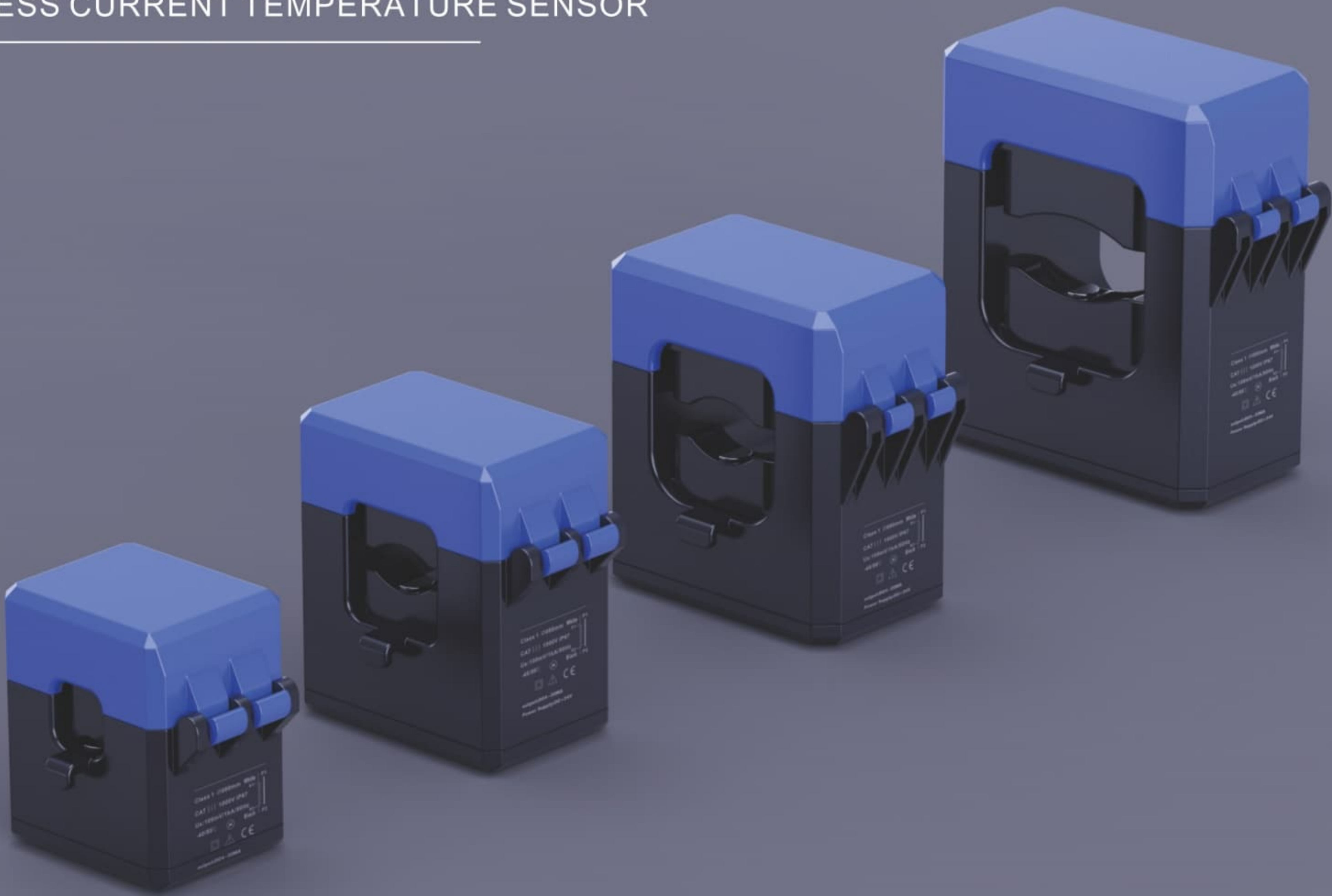
Outline and installation dimensions

Model and specification	(A) Rated input	(mA/v) Rated output	Accuracy class	Dimensions(mm)				
				Φ	A	B	C	D
CTHF-36	50A	0~1V	0.1	36	118	60	129	40
	100A	(0~5A)						
	200A	NTC 10K	0.2					
	500A		0.5					
CTHF-60	800A	NTC 50K	1.0	60	152	60	160	40
	1000A							
	2000A	NTC 100K						



CNT-CTWXY

WIRELESS CURRENT TEMPERATURE SENSOR



WIRELESS CURRENT TEMPERATURE SENSOR

Product overview

Wireless passive current temperature sensor is to realize the needs of intelligent and automatic low-voltage distribution network, comprehensive data acquisition and monitoring is necessary. Through real-time online monitoring of the temperature, current and voltage of cables and bus bars, early hidden dangers can be obtained to ensure the safety of users. The passive composite sensor uses the electromagnetic energy around the transmission line to obtain electric energy, online monitoring the temperature and current of the cable, combined with wireless communication, to complete fast and accurate online measurement and save the shackles of the cable, and realize the function of wireless data transmission. The product does not need external power supply and is maintenance free for life. It is suitable for on-line monitoring of temperature and current of transmission conductor in low voltage switchgear. The sensor is not in direct contact with the surface of the electrical equipment, and its built-in analog temperature sensor senses the ambient temperature of the contact surface and gets the corresponding voltage signal. According to the relationship between the voltage signal and non induction, the surface temperature of the live equipment can be determined. Non direct contact, electric field induction is used to detect whether the line is charged, and to detect whether the line is charged when there is no load and no current passing through.

Product function

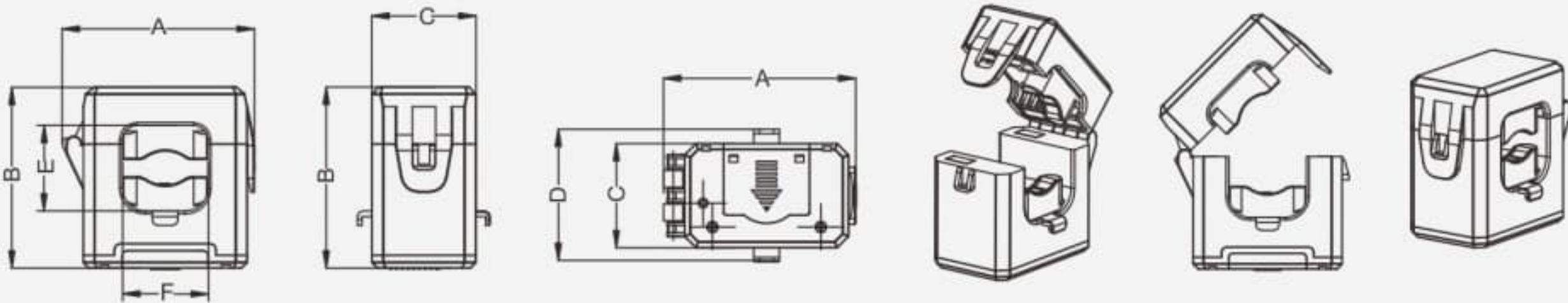
- Double power supply
The electromagnetic energy of AC power line is collected and converted into electrical energy to provide working power for the sensor. When the measured object through the AC current is greater than 0.5A, the sensor can start to work. Intelligent energy storage technology is used to store excess power to ensure the continuous operation of the sensor. If the current in the circuit is less than the starting current and the circuit is in power failure state, the standby battery in the sensor can be used to supply power to keep the sensor working normally.
- Data measurement and transmission
During the working period of the sensor, according to the set acquisition frequency, the surface temperature of the cable can be measured by the temperature sensor, and the current flowing through the cable can be measured by the current transformer, so as to realize the online monitoring of the cable temperature and current at the same time. At the same time, the sensor can automatically adjust the measurement time according to the amount of collected energy. The collected data is transmitted to the

Performance index

Technical parameter			
Wireless receiving mode	Star structure point to point communication	Energy source	Power frequency magnetic field replaceablehigh temperature lithium battery
Temperature and current acquisition and transmitter	5S Primary current above 1A	CT Minimum deenergization current	0.5A , AC
Minimum starting current cold start time	≤4min	Working humidity range	-40~150℃ Non battery powered
Recommended operating temperature range	-40~+85℃	Protection level	IP42
Storage temperature	-20 ~ +55℃	Installation method	Snap fit installation

Outline and installation dimensions

Model and specification	(A) Rated input	(mA/v) Rated output	Accuracy class	Dimensions(mm)					
				A	B	C	D	E	F
WXY-10	50A	0~1V	0.1	48	46	33	43	11	11
WXY-20	100A	(0~5A)	0.2	48	56	33	43	20	20
	200A								
WXY-30	500A	NTC 10K	0.5	57	64	37	47	30	30
	800A	NTC 50K							
WXY-40	1000A	NTC 100K	1.0	68	80	37	47	40	40
	2000A								



CNT-CTWXF

WIRELESS CURRENT TEMPERATURE SENSOR



WIRELESS CURRENT TEMPERATURE SENSOR

Product overview

Wireless passive current temperature sensor is to realize the needs of intelligent and automatic low-voltage distribution network, comprehensive data acquisition and monitoring is necessary. Through real-time online monitoring of the temperature, current and voltage of cables and bus bars, early hidden dangers can be obtained to ensure the safety of users. The passive composite sensor uses the electromagnetic energy around the transmission line to obtain electric energy, online monitoring the temperature and current of the cable, combined with wireless communication, to complete fast and accurate online measurement and save the shackles of the cable, and realize the function of wireless data transmission. The product does not need external power supply and is maintenance free for life. It is suitable for on-line monitoring of temperature and current of transmission conductor in low voltage switchgear. The sensor is not in direct contact with the surface of the electrical equipment, and its built-in analog temperature sensor senses the ambient temperature of the contact surface and gets the corresponding voltage signal. According to the relationship between the voltage signal and non induction, the surface temperature of the live equipment can be determined. Non direct contact, electric field induction is used to detect whether the line is charged, and to detect whether the line is charged when there is no load and no current passing through.

Product function

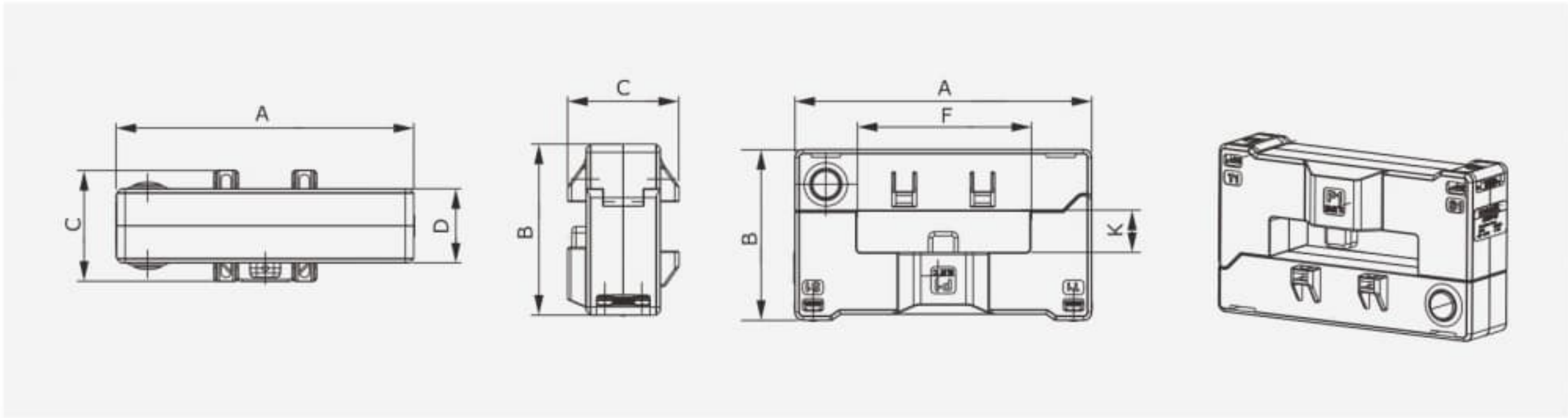
- Double power supply
The electromagnetic energy of AC power line is collected and converted into electrical energy to provide working power for the sensor. When the measured object through the AC current is greater than 0.5A, the sensor can start to work. Intelligent energy storage technology is used to store excess power to ensure the continuous operation of the sensor. If the current in the circuit is less than the starting current and the circuit is in power failure state, the standby battery in the sensor can be used to supply power to keep the sensor working normally.
- Data measurement and transmission
During the working period of the sensor, according to the set acquisition frequency, the surface temperature of the cable can be measured by the temperature sensor, and the current flowing through the cable can be measured by the current transformer, so as to realize the online monitoring of the cable temperature and current at the same time. At the same time, the sensor can automatically adjust the measurement time according to the amount of collected energy. The collected data is transmitted to the

Performance index

Technical parameter			
Wireless receiving mode	Star structure point to point communication	Energy source	Power frequency magnetic field replaceablehigh temperature lithium battery
Temperature and current acquisition and transmitter	5S Primary current above 1A	CT Minimum deenergization current	0.5A , AC
Minimum starting current cold start time	≤4min	Working humidity range	-40~150°C Non battery powered
Recommended operating temperature range	-40~+85°C	Protection level	IP42
Storage temperature	-20 ~ +55°C	Installation method	Snap fit installation

Outline and installation dimensions

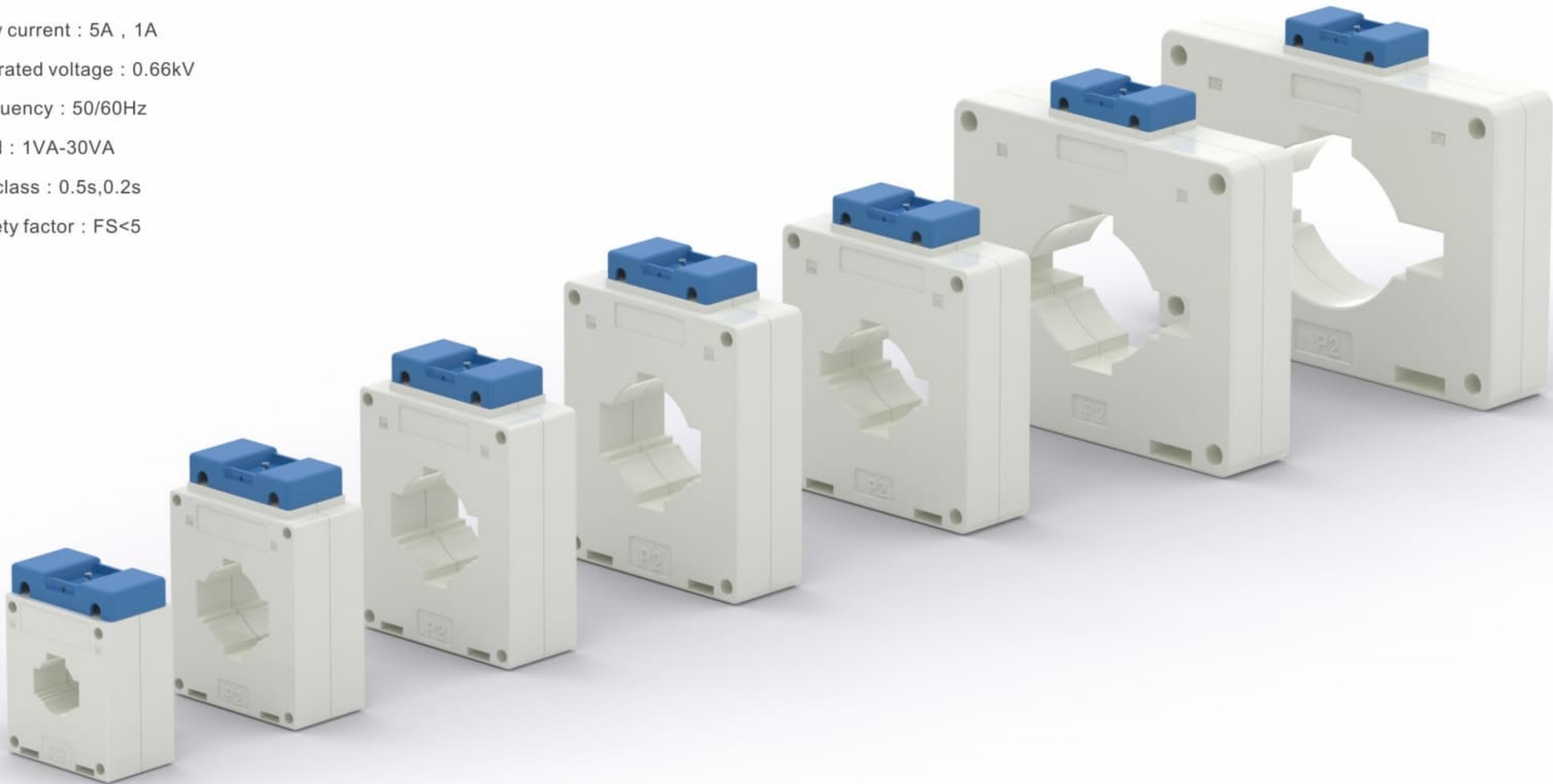
Model and specification	(A) Rated input	(mA/v) Rated output	Accuracy class	Dimensions(mm)					
				A	B	C	D	F	K
WXF-40	50A	0~1V (0~5A)	0.1	104	79	56	36	44	16
WXF-50	100A			114	79	56	36	54	16
WXF-60	200A			124	79	56	36	64	16
WXF-80	500A	NTC 10K	0.2	144	83	56	36	84	20
WXF-100	800A		0.5	164	105	56	36	104	42
WXF-120	1000A	NTC 50K	1.0	184	105	56	36	124	42
	2000A	NTC 100K							
	3000A								
	4000A								
	5000A								



CNT-BH0.66-I

CURRENT TRANSFORMER

- ◆ Primary current : 5A-5000A
- ◆ Secondary current : 5A , 1A
- ◆ Maximum rated voltage : 0.66kV
- ◆ Rated frequency : 50/60Hz
- ◆ Rated load : 1VA-30VA
- ◆ Accuracy class : 0.5s,0.2s
- ◆ Rated safety factor : FS<5



CURRENT TRANSFORMER

Product overview

BH0.66-I current transformer is mainly used for cables and copper bars. It has simple structure, reasonable design and flexible application. According to the specifications of cable copper bars used in the main circuit, there are a variety of through hole diameters. The primary current of the main circuit includes 5A ~ 6000A. Rated secondary output current 1A ~ 5A (0 ~ 1V). This series of products can meet the technical requirements of grade 0.2, grade 0.5, grade 1 and other different precision. This product complies with standards: GB/T 20840.1.2, IEC 61869-1 and IEC 61869-2.

Product features

- ◆ Open and close structure, easy to install.
- ◆ This series of products have 7 specifications, and the primary current range is within 6000A.
- ◆ The secondary output is the standard signal of 5A\1A.

Scope of application

Power monitoring, energy consumption management, intelligent power system, electromagnetic relay protection, microcomputer protection, motor protection, rural power grid transformation, etc.

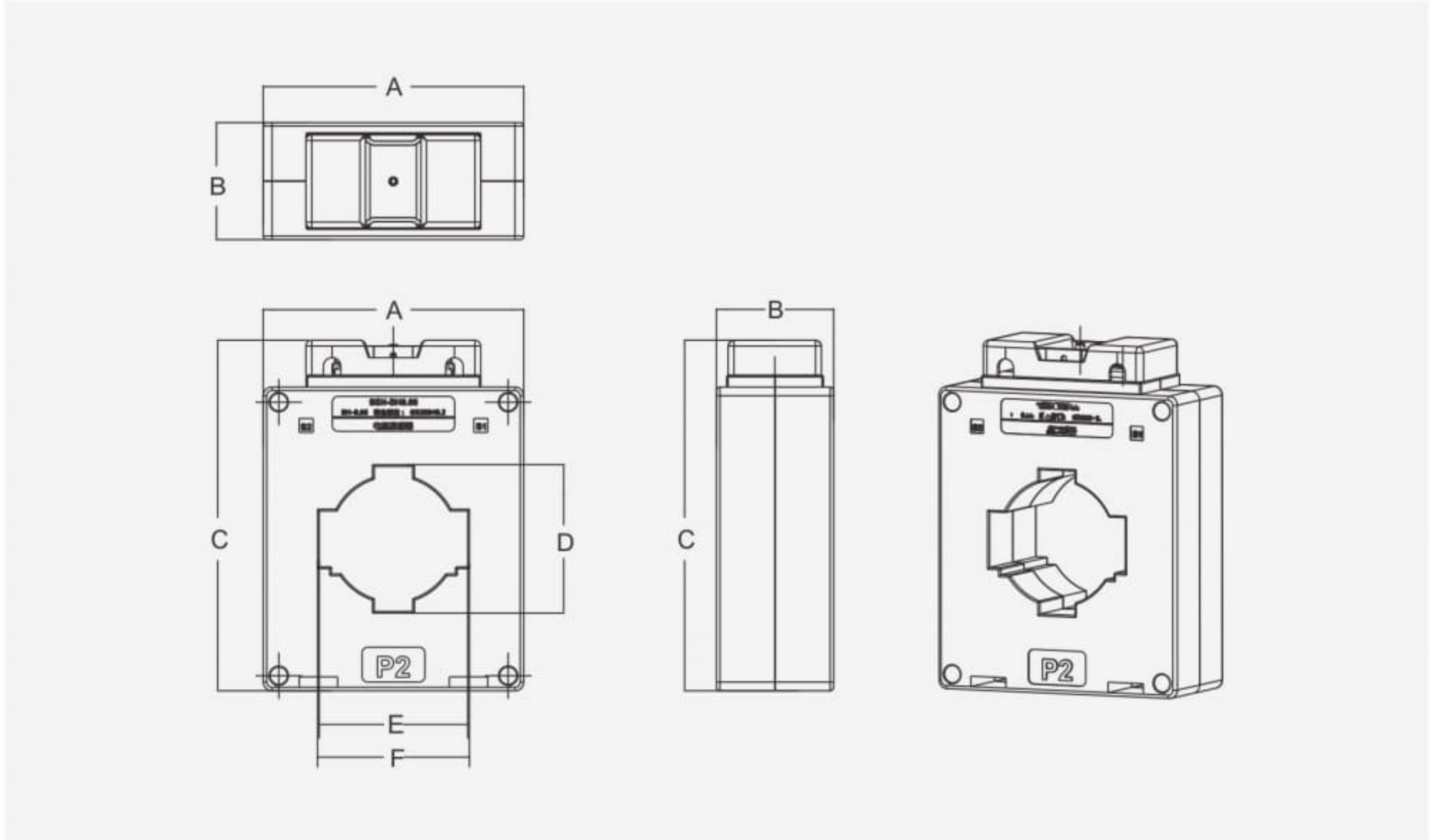
Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Highest equipment	0.66\0.72KVrms	Skeleton	PBT
Primary current	5-6000Arms	Iron core	Nickel or nanocrystalline
Secondary output	5\1Arms	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12°C~ +45°C
Dielectric strength	2.5KV/1mA/1min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MQ /min	Connection mode	Terminal type / shielded strand 1.5m

Outline and installation dimensions

Model	Dimensions(mm)					
	A	B	C	D	E	F
BH0.66-I-30	60	37	79	25	30. 5	32
BH0.66-I-40	74. 5	40	98	41	42	43
BH0.66-I-50	83	40	98	50	51	53
BH0.66-I-60	102	40	126	58	62	50
BH0.66-I-80	125	40	118	55	82	50
BH0.66-I-100	170	40	136	65	105	50
BH0.66-I-120	190	46	136	80	126	50

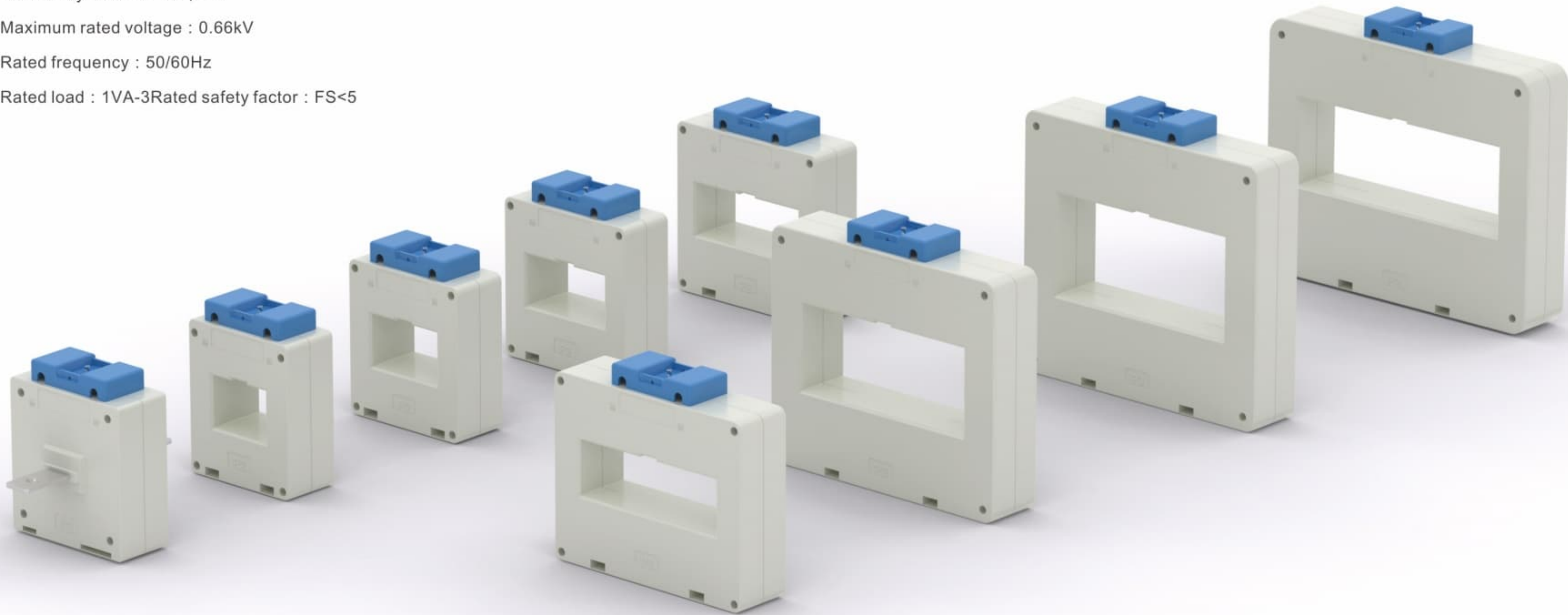
Structure chart



CNT-BH0.66-II

电流互感器 CURRENT TRANSFORMER

- ◆Primary current : 5A-5000A
- ◆Secondary current : 5A , 1A
- ◆Maximum rated voltage : 0.66kV
- ◆Rated frequency : 50/60Hz
- ◆Rated load : 1VA-3Rated safety factor : FS<5



CURRENT TRANSFORMER

Outline and installation dimensions

Model	Dimensions(mm)					
	A	B	C	D	E	F
BH0-II	87	38	102	0	0	60
BH40-II	78.5	46	104	31	42	45
BH50-II	87	46	106	31.5	52	54
BH60-II	102	48	110	31.5	62	53
BH80-II	122	48	118	32.5	82	60
BH100-II	140	50	122	32.5	102	74.5
BH120-II	169	48	154	52	122	54
BH120-II	177	48	172	52	127	54
BH150-II	200	48	158	52	153	54

Product overview

BH0.66-II current transformer is mainly used for cables and copper bars. It has simple structure, reasonable design and flexible application. According to the specifications of cable copper bars used in the main circuit, there are a variety of through hole diameters. The primary current of the main circuit includes 5A ~ 6000A. Rated secondary output current 1A ~ 5A (0 ~ 1V). This series of products can meet the technical requirements of grade 0.2, grade 0.5, grade 1 and other different precision. This product complies with standards: GB/T 20840.1.2, IEC 61869-1 and IEC 61869-2.

Product features

- ◆ Open and close structure, easy to install.
- ◆ This series of products have 9 specifications, and the primary current range is within 6000A.
- ◆ The secondary output is the standard signal of 5A\1A.

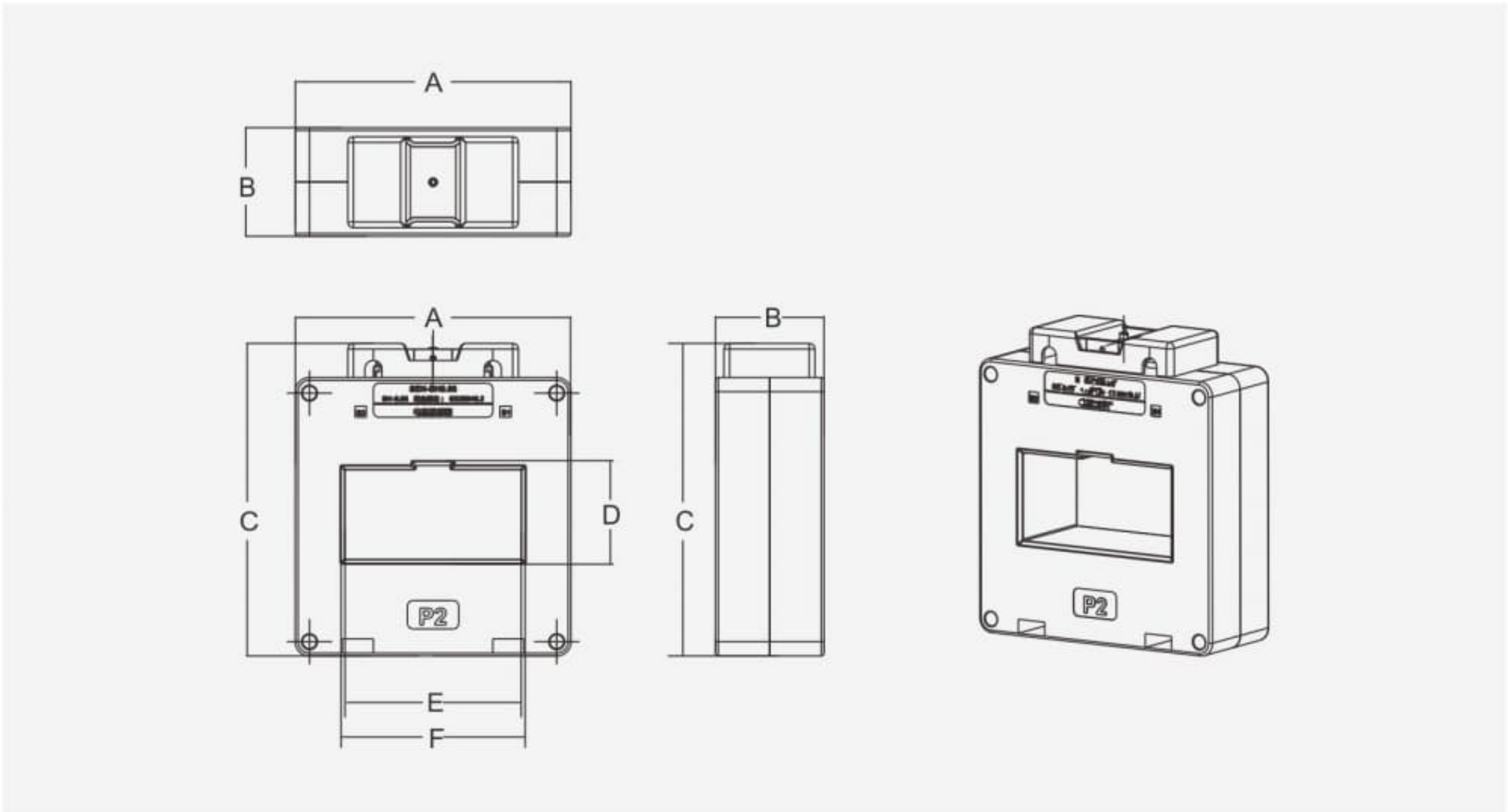
Scope of application

Power monitoring, energy consumption management, intelligent power system, electromagnetic relay protection, microcomputer protection, motor protection, rural power grid transformation, etc.

Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Highest equipment	0.66\0.72KVrms	Skeleton	PBT
Primary current	5-6000Arms	Iron core	Nickel or nanocrystalline
Secondary output	5\1Arms	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12°C~ +45°C
Dielectric strength	2.5KV/1mA/1min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MΩ /min	Connection mode	Terminal type / shielded strand 1.5m

Structure chart



CNT-BH0.66

CURRENT TRANSFORMER(CORNER PIECE)

- ◆Primary current : 5A-5000A
- ◆Secondary current : 5A , 1A
- ◆Maximum rated voltage : 0.66kV
- ◆Rated frequency : 50/60Hz
- ◆Rated load : 1VA-30VA
- ◆Accuracy class : 0.5s,0.2s
- ◆Rated safety factor : FS<5



CURRENT TRANSFORMER(CORNER PIECE)

Product overview

BH0.66 current transformer is mainly used for cables and copper bars. It has simple structure, reasonable design and flexible application. According to the specifications of cable copper bars used in the main circuit, there are a variety of through hole diameters. The primary current of the main circuit includes 5A ~ 6000A. Rated secondary output current 1A ~ 5A (0 ~ 1V). This series of products can meet the technical requirements of grade 0.2, grade 0.5, grade 1 and other different precision. This product complies with standards: GB/T 20840.1.2, IEC 61869-1 and IEC 61869-2.

Product features

- ◆ Open and close structure, easy to install.
- ◆ This series of products have 9 specifications, and the primary current range is within 6000A.
- ◆ The secondary output is the standard signal of 5A\1A.

Scope of application

Power monitoring, energy consumption management, intelligent power system, electromagnetic relay protection, microcomputer protection, motor protection, rural power grid transformation, etc.

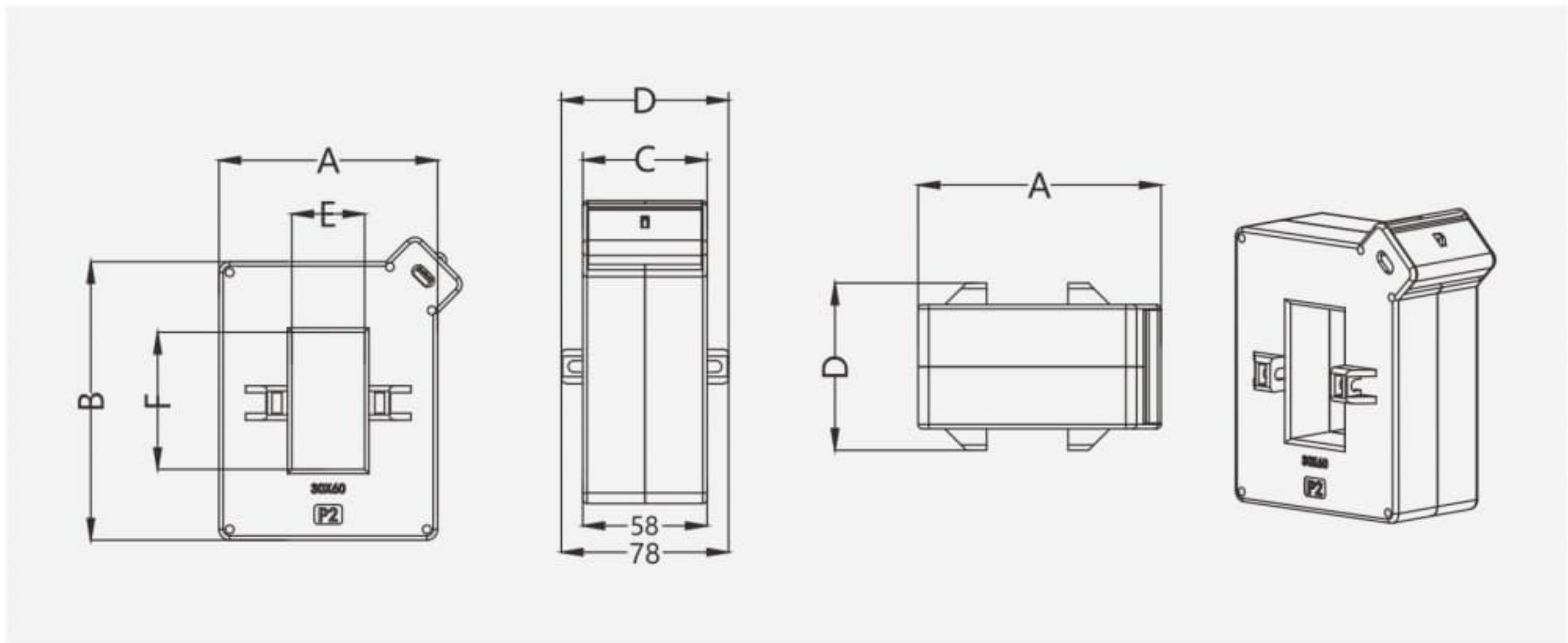
Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Highest equipment	0.66\0.72KVrms	Skeleton	PBT
Primary current	5-6000Arms	Iron core	Nickel or nanocrystalline
Secondary output	5\1Arms	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12°C~ +45°C
Dielectric strength	2.5KV/1mA/1min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MΩ /min	Connection mode	Terminal type / shielded strand 1.5m

Outline and installation dimensions

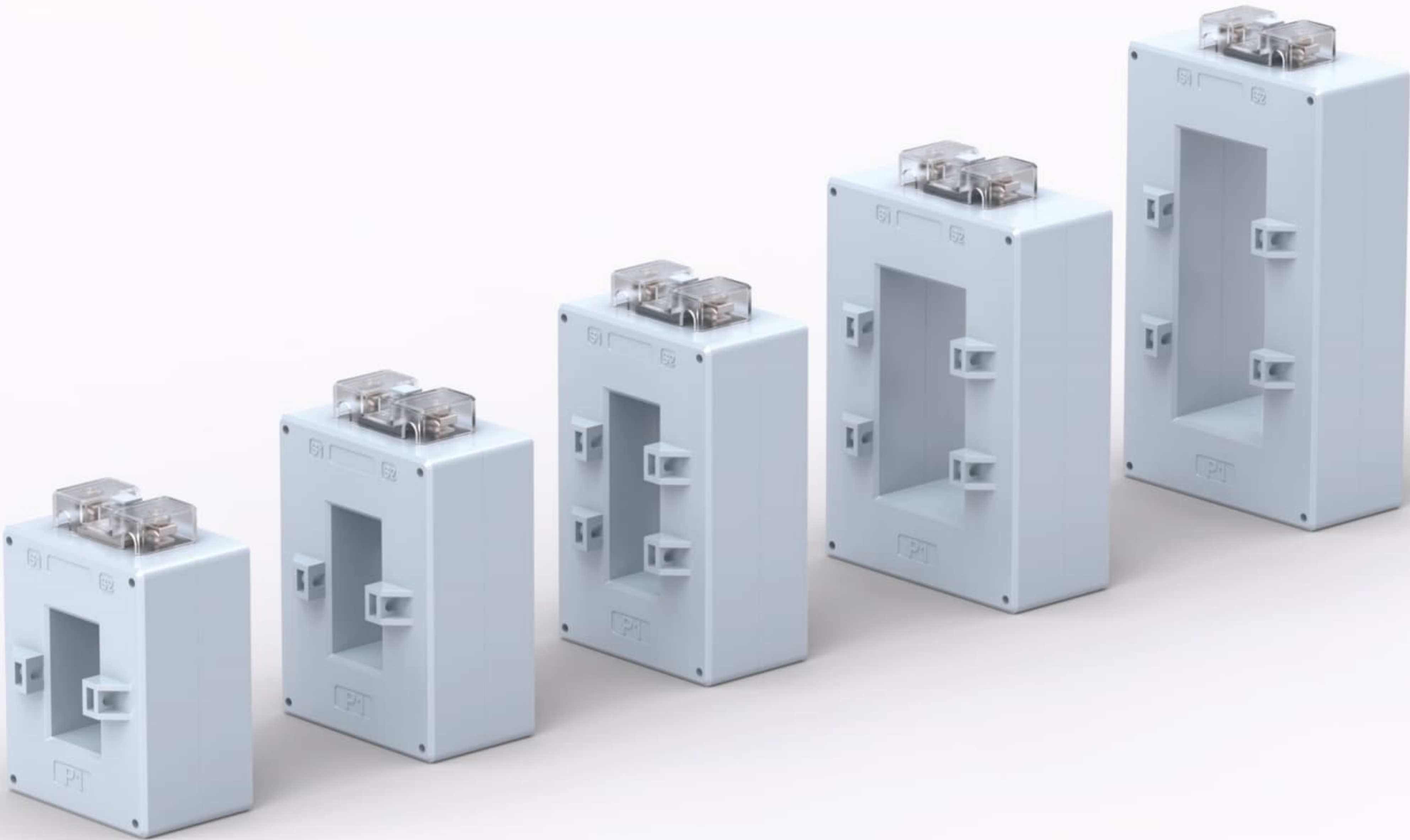
Model	Dimensions(mm)					
	A	B	C	D	E	F
BH0.66-35	92	114	58	78	34	54
BH0.66-36	102	130	58	78	34	64
BH0.66-58	122	154	58	78	54	84
BH0.66-510	124	186	58	78	54	104
BH0.66-512	124	204	58	78	54	124
BH0.66-514	122	224	58	78	54	144
BH0.66-515	122	234	58	78	54	154
BH0.66-618	132	264	58	78	64	184
BH0.66-620	132	284	58	78	64	204

Structure chart



CNT-BHP

PROTECTIVE LEVEL VERTICAL CURRENT TRANSFORMER



PROTECTIVE LEVEL VERTICAL CURRENT TRANSFORMER

Outline and installation dimensions

Product overview

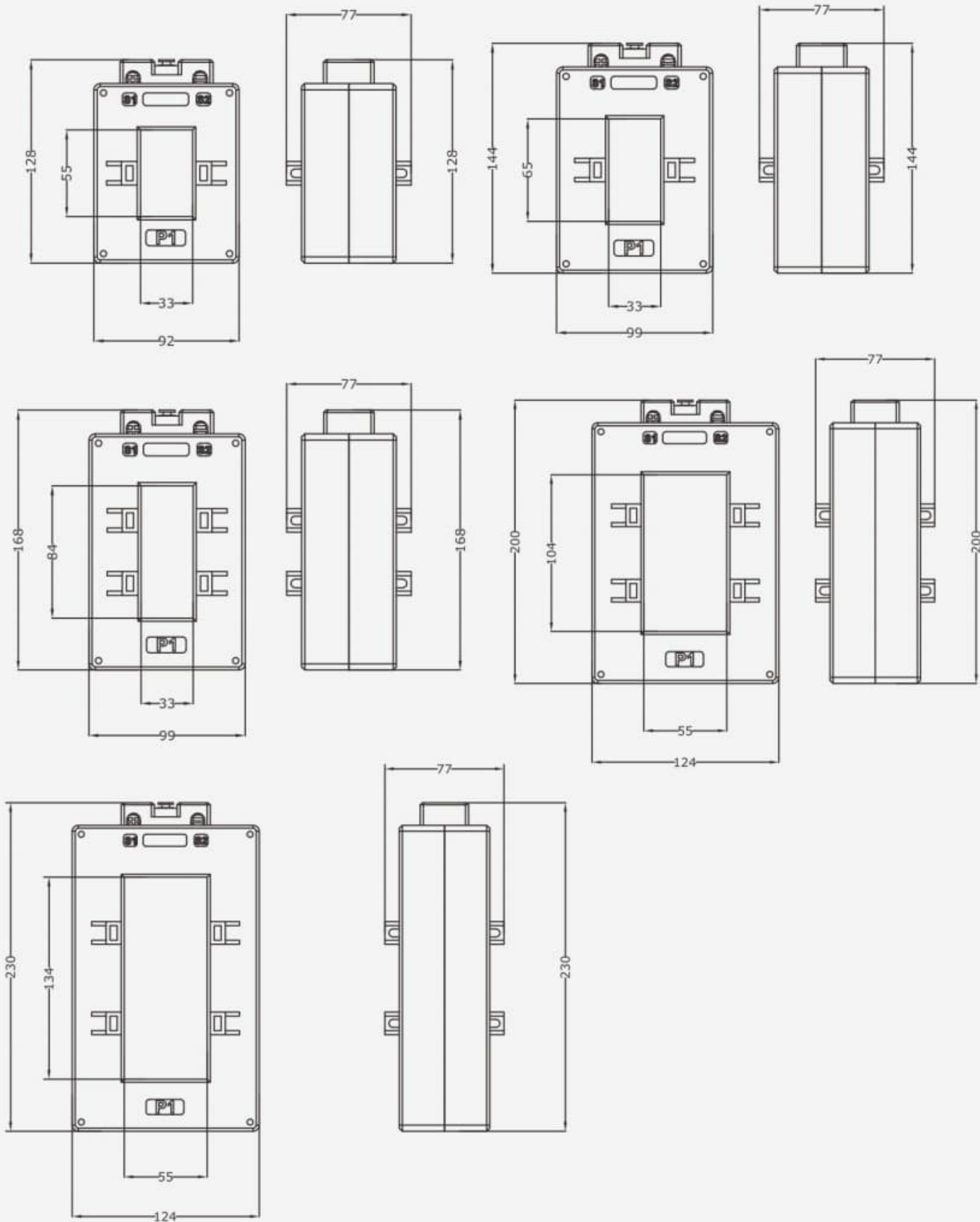
When measuring the high current of alternating current, BHP series current transformers need to be converted to a relatively uniform current for the convenience of secondary instrument measurement (the secondary rating of current transformers is set as 5A or 1A in China). Current transformer in the process of short circuit transition can correct the primary current, the relay protection of right action plays a decisive role, protective current transformer (TA) mainly cooperate with relay protection devices, such as short circuit occurred in line failure, provide signals to cut off the fault circuit to relay device, protect the safety of the power system. Primary measuring range 200-6300A, secondary output 5A, 1A, main accuracy levels: 5P10, 10P10, 10P20, 5P20, etc. Collect low voltage overload and short circuit signals, and use with motor protection unit.

Technical indicators

- Protection CT primary current 200-6300A, secondary current 5A, 1A, 0.1A, 0.05A.
- Rated working voltage AC0.66kV(equivalent AC0.69kV).
- Rated frequency 50/60Hz.
- Ambient temperature -30°C~70°C, maximum temperature resistance 120°C.
- Altitude ≤3000m.
- Power frequency voltage 3000V/1min 50Hz.
- Used in places without direct invasion of rain and snow, without serious pollution and severe vibration.

Functional features

This series of transformer is used to collect low voltage overload and short circuit signals, and is matched with protective relays and motor protectors.



CNT-BHP2

PPROTECTED HORIZONTAL CURRENT TRANSFORMER



PROTECTED HORIZONTAL CURRENT TRANSFORMER

Outline and installation dimensions

Product overview

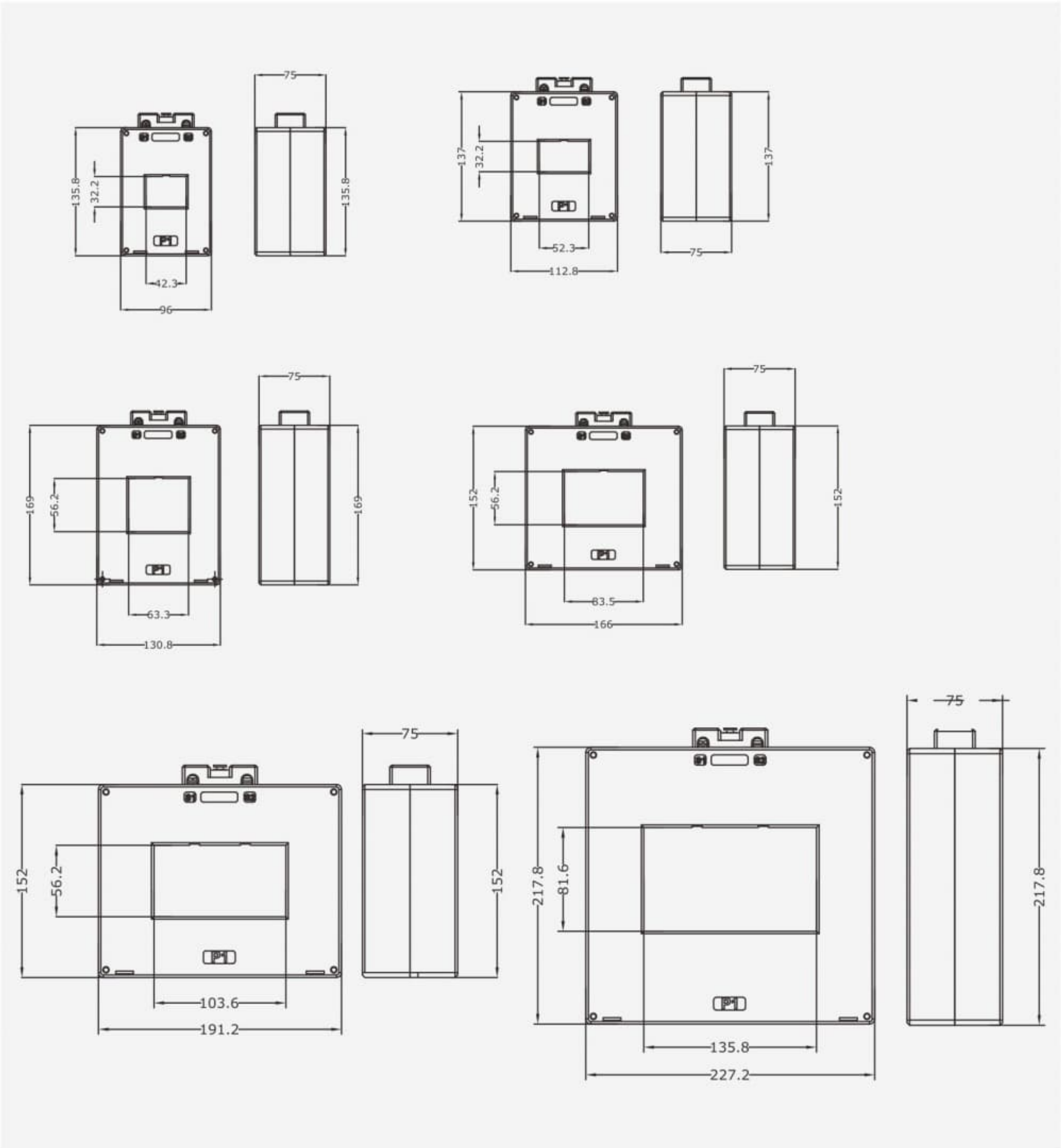
When measuring the high current of alternating current, BHP2 series current transformers need to be converted to a relatively uniform current for the convenience of secondary instrument measurement (the secondary rating of current transformers is set as 5A or 1A in China). Current transformer in the process of short circuit transition can correct the primary current, the relay protection of right action plays a decisive role, protective current transformer (TA) mainly cooperate with relay protection devices, such as short circuit occurred in line failure, provide signals to cut off the fault circuit to relay device, protect the safety of the power system. Primary measuring range 200-6300A, secondary output 5A, 1A, main accuracy levels: 5P10, 10P10, 10P20, 5P20, etc. Collect low voltage overload and short circuit signals, and use with motor protection unit.

Technical indicators

- Protection CT primary current 200-6300A, secondary current 5A, 1A, 0.1A, 0.05A.
- Rated working voltage AC0.66kV(equivalent AC0.69kV).
- Rated frequency 50/60Hz.
- Ambient temperature -30℃~70℃, maximum temperature resistance 120℃.
- Altitude ≤3000m.
- Power frequency voltage 3000V/1min 50Hz.
- Used in places without direct invasion of rain and snow, without serious pollution and severe vibration.

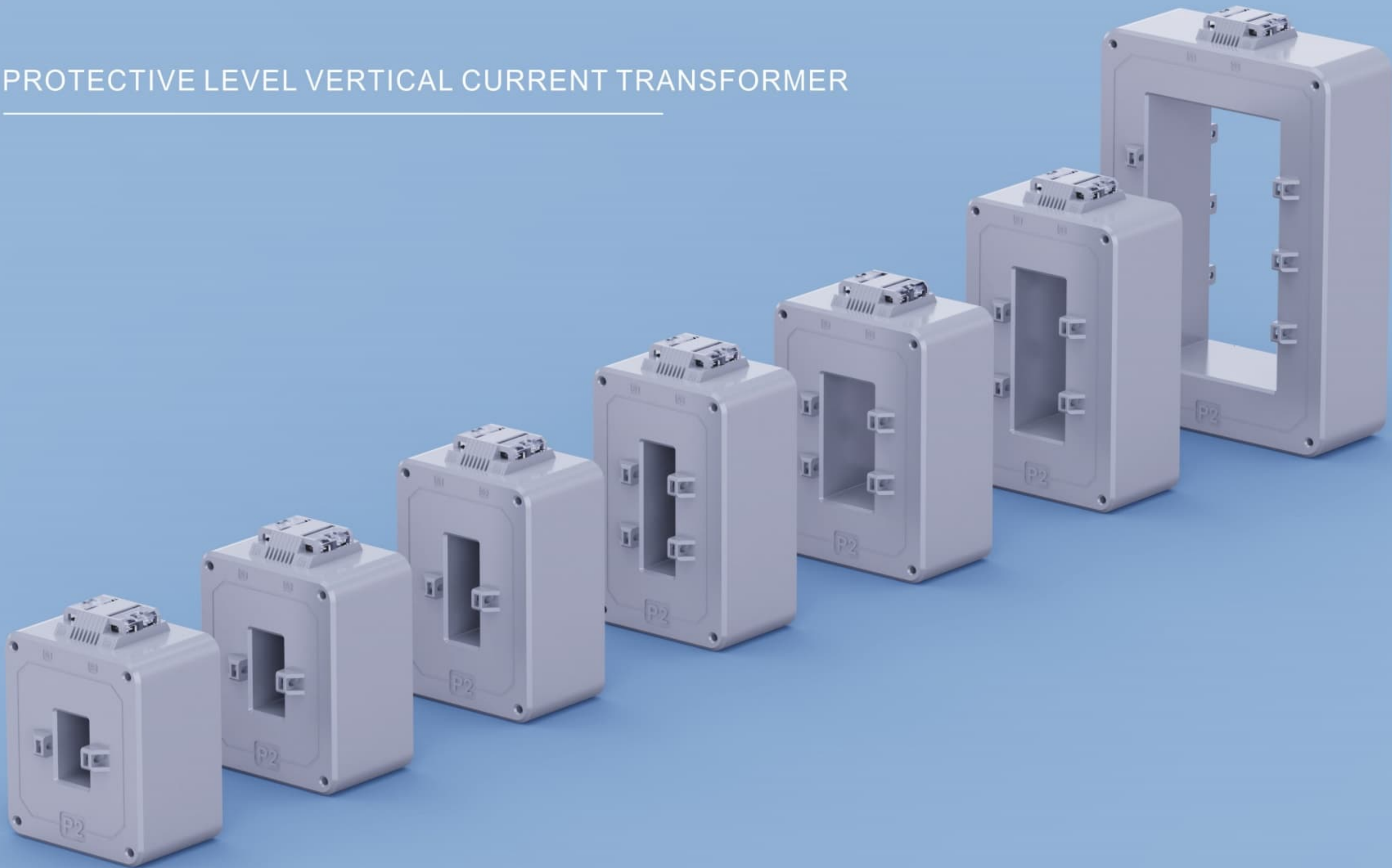
Functional features

This series of transformer is used to collect low voltage overload and short circuit signals, and is matched with protective relays and motor protectors.



CNT-BHP3

PROTECTIVE LEVEL VERTICAL CURRENT TRANSFORMER



PROTECTIVE LEVEL VERTICAL CURRENT TRANSFORMER

Outline and installation dimensions

Model	Dimensions(mm)					
	A	B	C	D	E	F
BHP3-53	173.5	135	52	32	110	90
BHP3-63	183.5	135	62	32	110	90
BHP3-83	203.5	135	82	32	110	90
BHP3-103	223.5	135	102	32	110	90
BHP3-135	255.5	155	134	52	110	90
BHP3-2213	343.5	235	225	135	110	90

Product overview

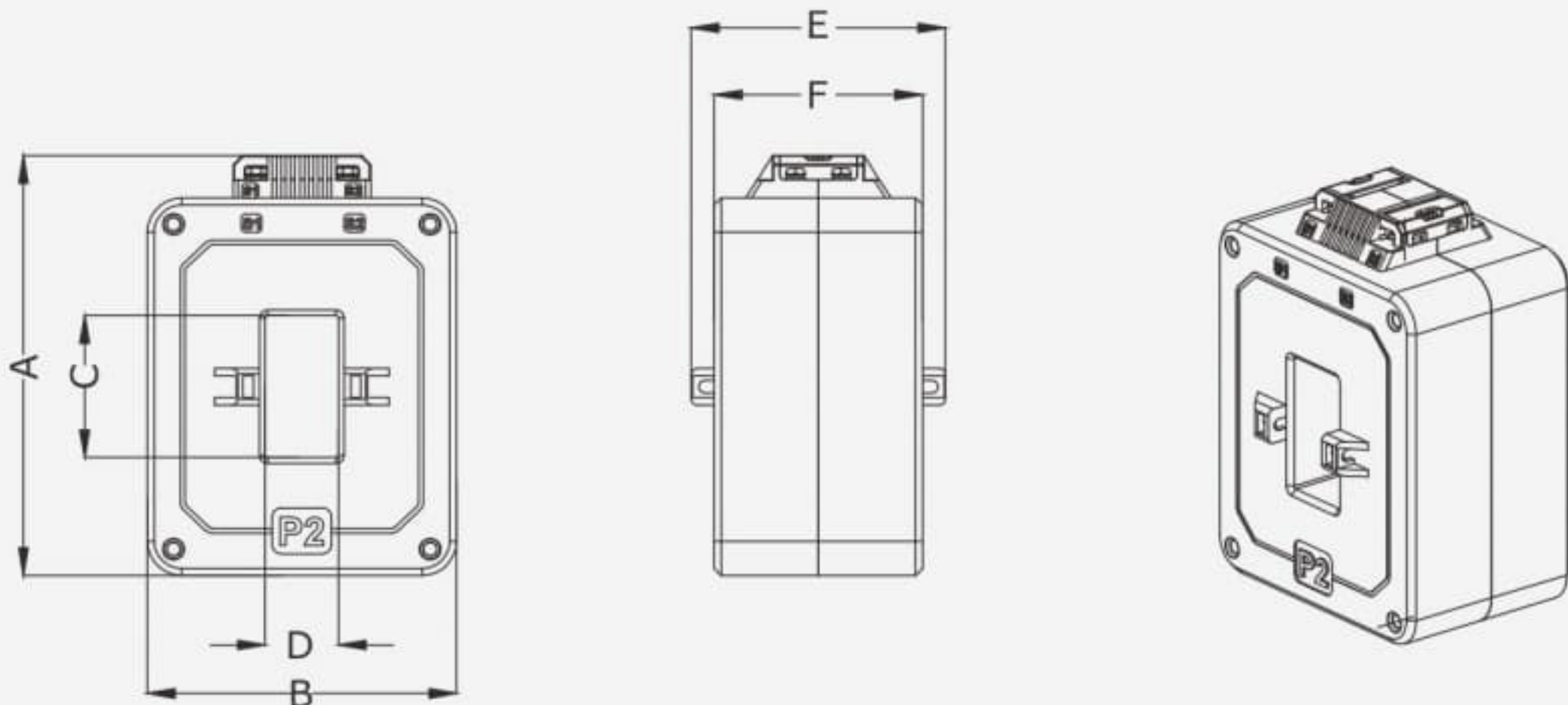
When measuring the high current of alternating current, BHP3 series current transformers need to be converted to a relatively uniform current for the convenience of secondary instrument measurement (the secondary rating of current transformers is set as 5A or 1A in China). Current transformer in the process of short circuit transition can correct the primary current, the relay protection of right action plays a decisive role, protective current transformer (TA) mainly cooperate with relay protection devices, such as short circuit occurred in line failure, provide signals to cut off the fault circuit to relay device, protect the safety of the power system. Primary measuring range 200-6300A, secondary output 5A, 1A, main accuracy levels: 5P10, 10P10, 10P20, 5P20, etc. Collect low voltage overload and short circuit signals, and use with motor protection unit.

Technical indicators

- Protection CT primary current 200-6300A, secondary current 5A, 1A, 0.1A, 0.05A.
- Rated working voltage AC0.66kV(equivalent AC0.69kV).
- Rated frequency 50/60Hz.
- Ambient temperature -30°C~70°C, maximum temperature resistance 120°C.
- Altitude ≤3000m.
- Power frequency voltage 3000V/1min 50Hz.
- Used in places without direct invasion of rain and snow, without serious pollution and severe vibration.

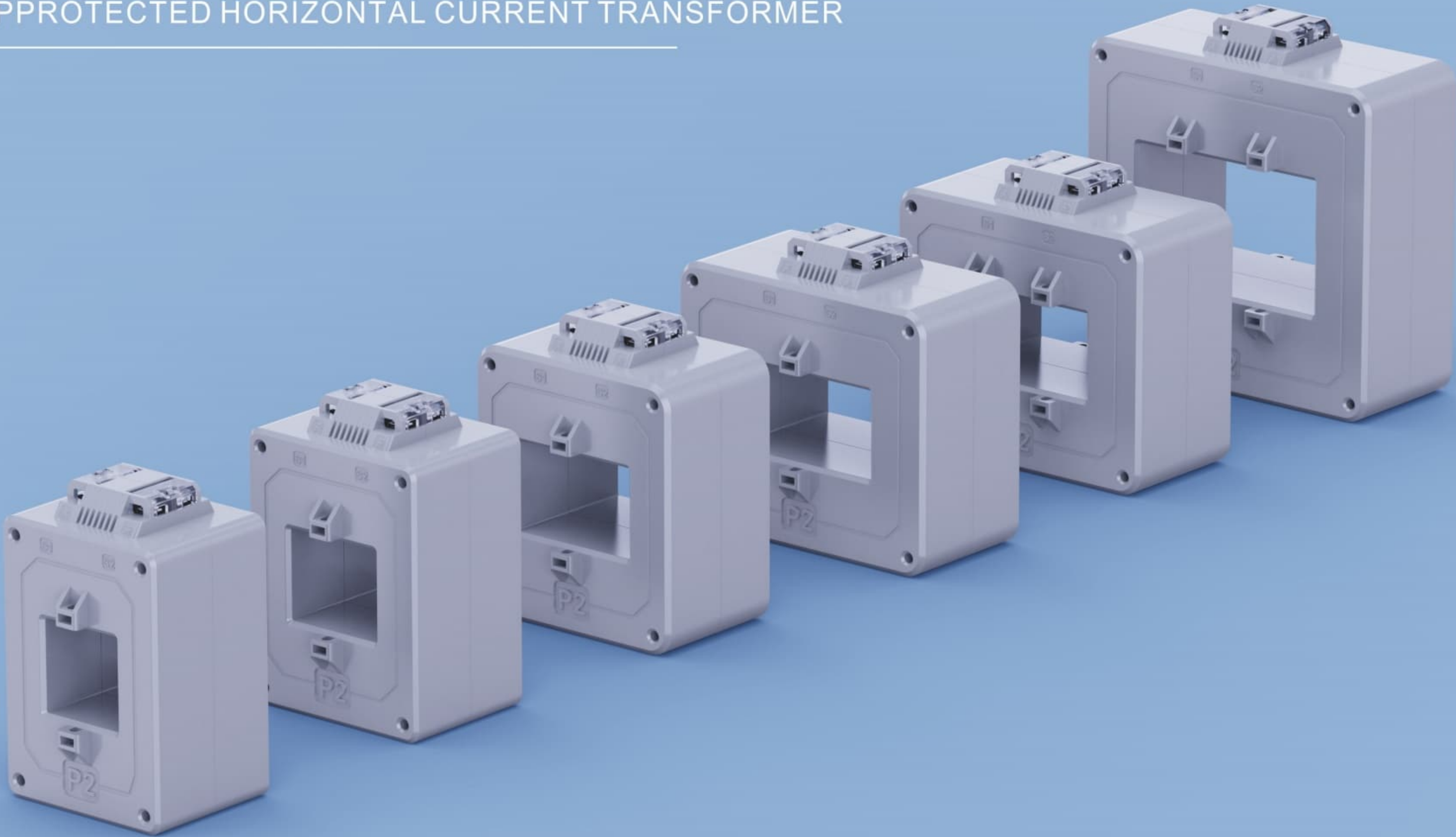
Functional features

This series of transformer is used to collect low voltage overload and short circuit signals, and is matched with protective relays and motor protectors.



CNT-BHP4

PPROTECTED HORIZONTAL CURRENT TRANSFORMER



PROTECTED HORIZONTAL CURRENT TRANSFORMER

Product overview

When measuring the high current of alternating current, BHP4 series current transformers need to be converted to a relatively uniform current for the convenience of secondary instrument measurement (the secondary rating of current transformers is set as 5A or 1A in China). Current transformer in the process of short circuit transition can correct the primary current, the relay protection of right action plays a decisive role, protective current transformer (TA) mainly cooperate with relay protection devices, such as short circuit occurred in line failure, provide signals to cut off the fault circuit to relay device, protect the safety of the power system. Primary measuring range 200-6300A, secondary output 5A, 1A, main accuracy levels: 5P10, 10P10, 10P20, 5P20, etc. Collect low voltage overload and short circuit signals, and use with motor protection unit.

Technical indicators

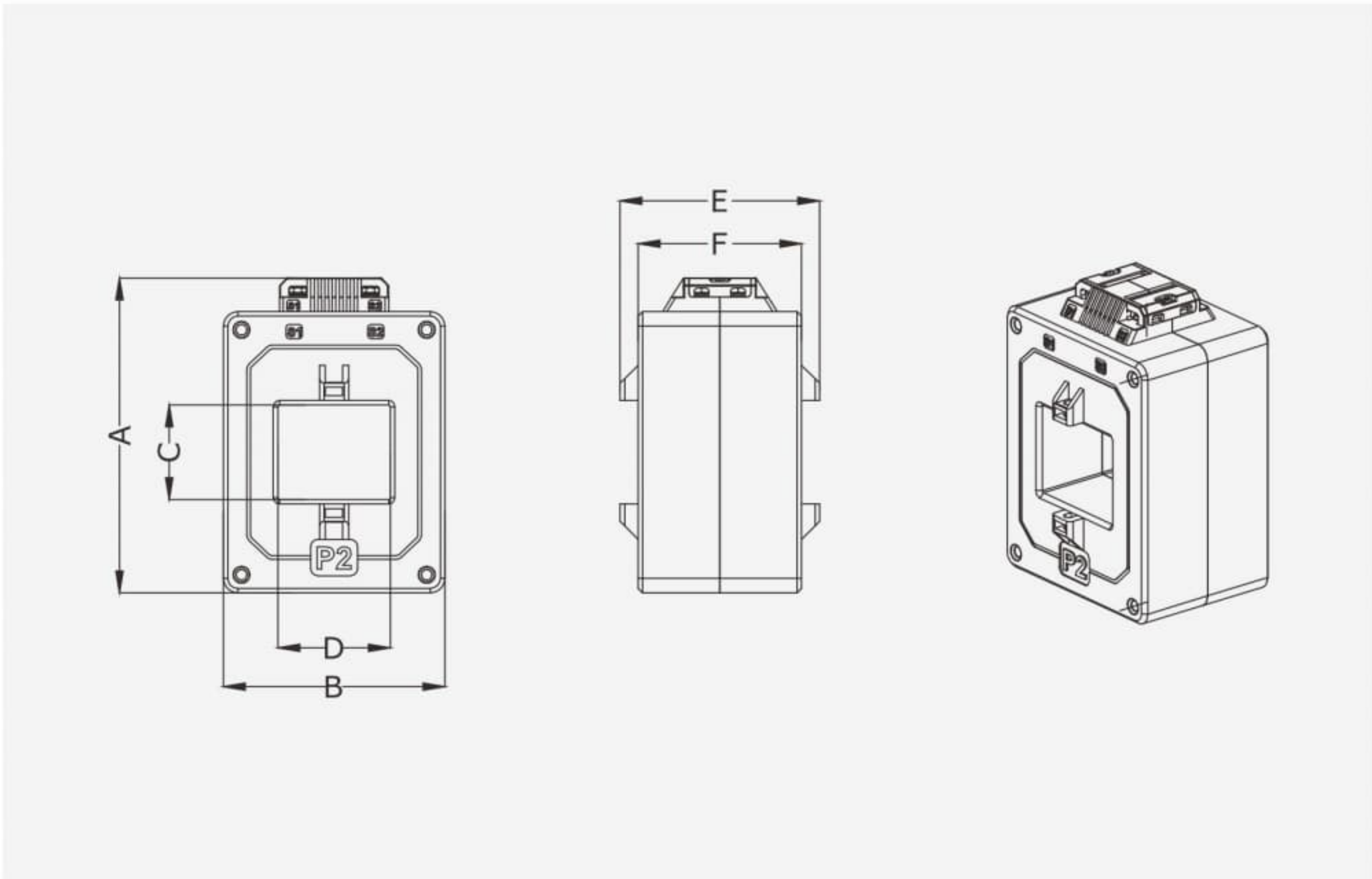
- Protection CT primary current 200-6300A, secondary current 5A, 1A, 0.1A, 0.05A.
- Rated working voltage AC0.66kV(equivalent AC0.69kV).
- Rated frequency 50/60Hz.
- Ambient temperature -30°C~70°C, maximum temperature resistance 120°C.
- Altitude ≤3000m.
- Power frequency voltage 3000V/1min 50Hz.
- Used in places without direct invasion of rain and snow, without serious pollution and severe vibration.

Functional features

This series of transformer is used to collect low voltage overload and short circuit signals, and is matched with protective relays and motor protectors.

Outline and installation dimensions

Model	Dimensions(mm)					
	A	B	C	D	E	F
BHP4-55	173.5	111	52	52	110	90
BHP4-56	173.5	122	52	62	110	90
BHP4-58	173.5	142	52	82	110	90
BHP4-510	173.5	182	52	102	110	90
BHP4-813	220.5	132	82	132	110	90



CNT-BH/EMS

CURRENT TRANSFORMER



CURRENT TRANSFORMER

Outline and installation dimensions

Product overview

BH/EMS current transformer is mainly used for cable and copper bar, its structure is simple, reasonable design, flexible application, and according to the main circuit used in the cable copper bar specifications have a variety of core aperture corresponding, the main circuit primary current contains 50A~6000A, rated secondary output current 1A~5A[0~1V]. This series of products can meet the technical requirements of

Product features

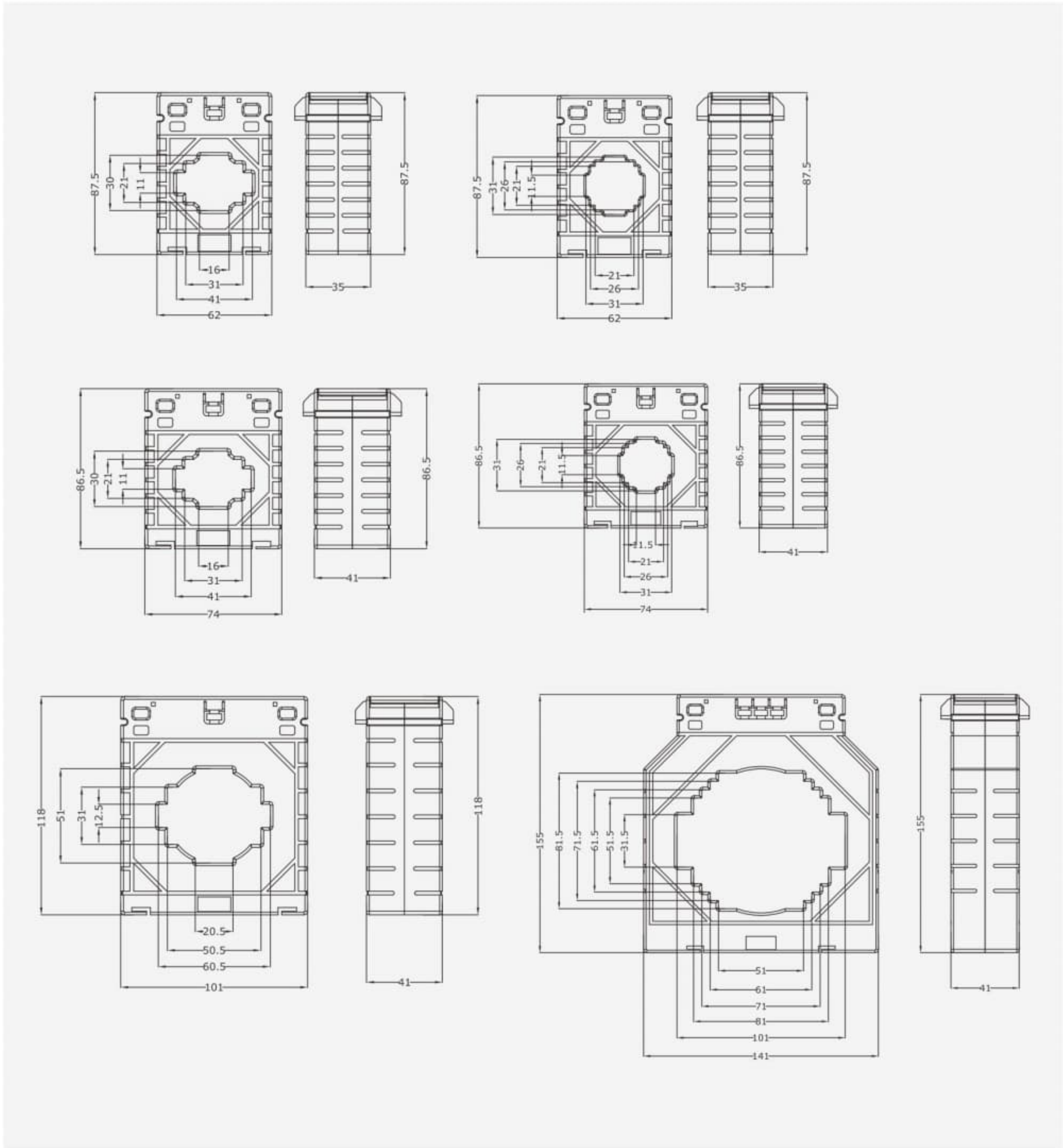
- ♦ Open and close structure, easy to install.
- ♦ This series of products total 6 specifications, the primary current range covering 4000A.
- ♦ Secondary output is 5A\1A standard signal.

Scope of application

Power monitoring, energy consumption management, intelligent power system, electromagnetic relay

Performance index

Electrical parameters		Mechanical parameters	
Working frequency	50~400Hz	Shell	ABS, Flame retardant grade 94-V0
Highest equipment	0.66/0.72KVrms	Skeleton	PBT
Primary current input	100-6000Arms	Iron core	Nickel or nanocrystalline
Secondary current output	5I\Arms	Internal structure	Environment friendly epoxy resin casting
Ratio difference	≤±0.1%	Construction plan	Screw fixation
Phase difference	≤±10	Working temperature	-12°C~ +45°C
Dielectric strength	2.5KV/7mA/min	Ambient humidity	≤85%
Insulation resistance	DC500V/1000MQ /min	Connection mode	Terminal type / shielded strand 1.5m



CNT-BYWM

CURRENT TRANSFORMER



CURRENT TRANSFORMER

Product overview

BYWM current transformer is mainly used for cable and copper bar, its structure is simple, reasonable design, flexible application, and according to the main circuit used in the cable copper bar specifications have a variety of core aperture corresponding, the main circuit primary current contains 50A~6000A, rated secondary output current 1A~5A[0~1V]. This series of products can meet the technical requirements of

Product features

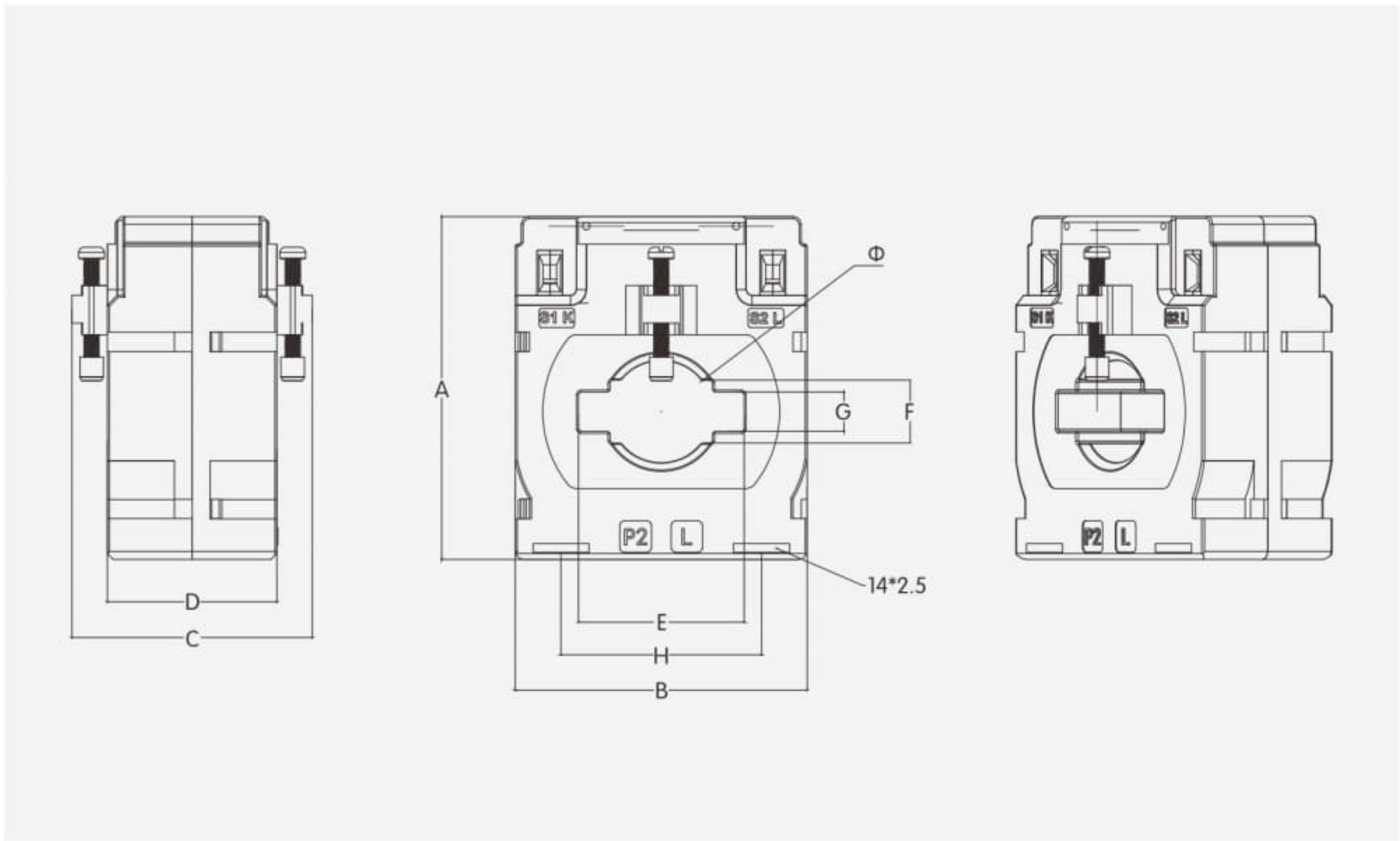
- Open and close structure, easy to install.
- This series of products total 8 specifications, the primary current range covering 4000A.
- Secondary output is 5A/1A standard signal.

Scope of application

Power monitoring, energy consumption management, intelligent power system, electromagnetic relay

Outline and installation dimensions

Model and specification	(A) Rated input	(mA/v) Rated output	Accuracy class	Dimensions(mm)									
				Φ	A	B	C	D	E	F	G	H	I
BYWM-0	5-300A	0~5A	1 0.5 0.5S	/	103.5	85	61	43	25	/	3	46.4	14*2.5
BYWM-0	5-800A			/	103.5	85	64	43	50	/	8	/	/
BYWM-30	5-400A			26	80	62	61	43	32	16	10	41.4	14*2.5
BYWM-40	5-600A			30	84	74	61	43	42	16	10	51	14*2.5
BYWM-50	5-800A			44	84	74	61	43	42	16	10	51	14*2.5
BYWM-50	5-800A			52	103.5	85	61	43	52	32	12	46.4	14*2.5
BYWM-60	5-1250A			62	115	95	61	43	62	30	12	46.4	14*2.5
BYWM-80	5-2000A			80	135	115	61	43	82	30	12	56.6	14*2.5
BYWM-100	5-4000A				158	140	61	43	102	30	12	83	14*2.5



CNT-DLZT

DROP STATUS INDICATOR



DROP STATUS INDICATOR

Technical parameter

Model andspecification	(A) Rated input	(mA/v) Rated output	Accuracy class
DLZT	400A	100mA 0-1V	0.2、0.5S/0.5

Product overview

Drop state transformers usually refer to transformers installed on drop fuses or related equipment that can monitor and feedback the drop state. Mainly used in rural power grids, remote suburbs and other power systems that use many drop switches. In these areas, when the line overload fuse blows or the arc tube falls, causing a power outage, the transformer can send out a signal in time to help maintenance and inspection personnel quickly locate the fault point, reduce the time and energy consumption of manual

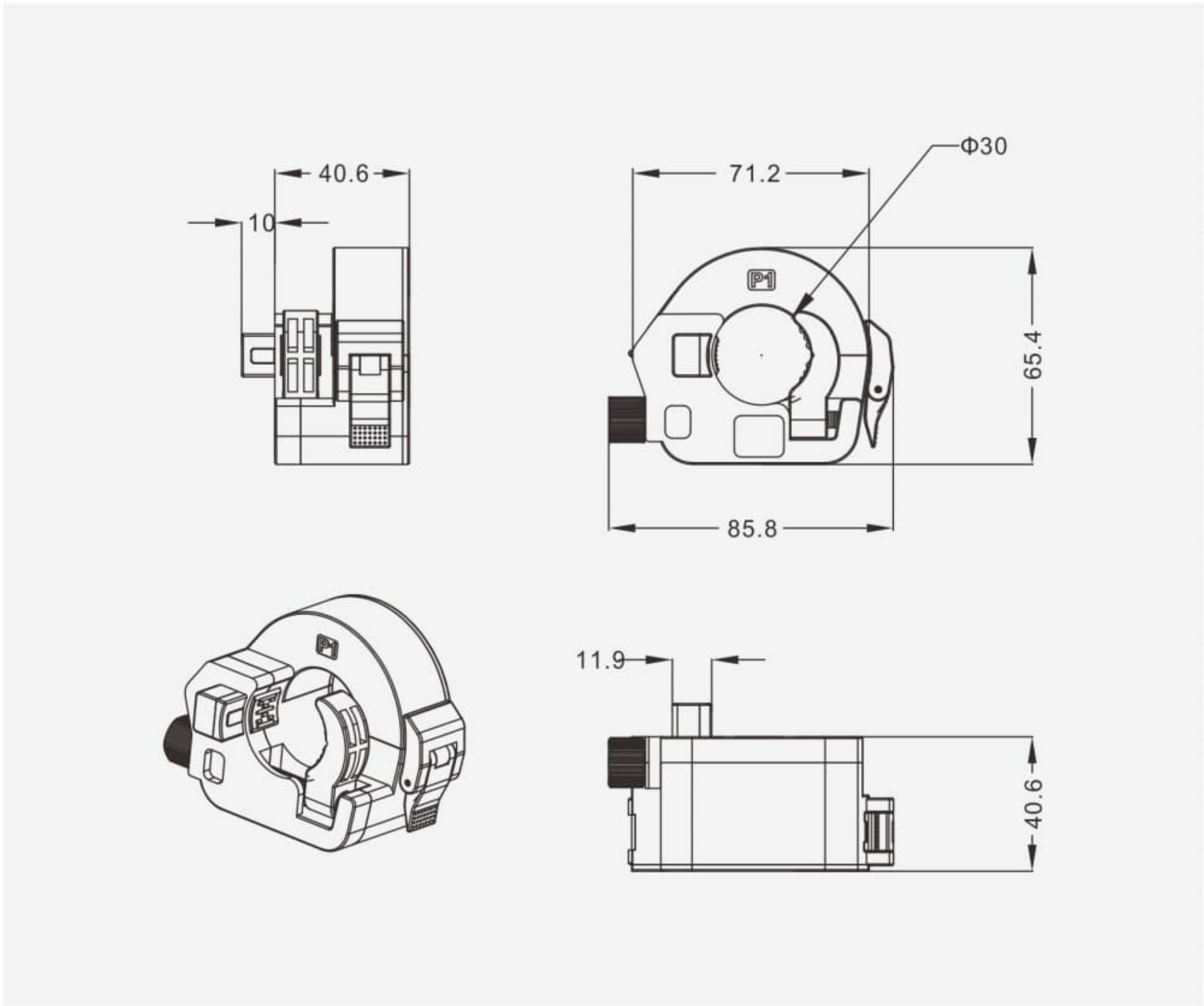
Structural features

It is generally composed of transformer body, fixed mechanism and electrical warehouse. The instrument transformer body comprises a lower shell and an upper shell that are hinged with each other, and a core induction core that is connected with the ends is installed inside, and is hinged and connected to form a cable slot to cover the arc elimination tube and other components. The fixing mechanism includes a clamp or expansion module, which is used to fix the transformer on the arc extinguishing tube, and also includes an elastic clamp, etc., which can detect the working temperature and current of the arc

Working principle

The status of the transformer is sensed through the built-in mercury switch sensor and other devices. When the transformer is in the normal position, the mercury switch is in a specific state and the circuit is in a certain stable state; and when the installed arc suppression tube falls due to a blown fuse or other reasons, the state of the mercury switch changes, thereby triggering a change in the circuit. This enables

Outline and installation dimensions



IOT INTELLIGENT CURRENT TEMPERATURE SENSOR



IOT INTELLIGENT CURRENT TEMPERATURE SENSOR

Product overview

Internet of things intelligent wireless passive current temperature sensor is to realize the needs of low-voltage distribution network intelligence and automation, comprehensive data acquisition and monitoring is necessary. Through real-time online monitoring of the temperature, current and voltage of cables and bus bars, early hidden dangers can be obtained to ensure the safety of users. The passive composite sensor uses the electromagnetic energy around the transmission line to obtain electric energy, online monitoring the temperature and current of the cable, combined with wireless communication, to complete the fast and accurate online measurement and save the shackles of the cable, and realize the function of wireless data transmission. The product does not need external power supply and is maintenance free for life. It is suitable for on-line monitoring of temperature and current of transmission conductor in low voltage switchgear. The sensor directly contacts the surface of the electrical equipment, and the built-in analog temperature sensor senses the ambient temperature of the contact surface and gets the corresponding voltage signal. The temperature of the surface of the live equipment can be determined by the relationship between the voltage signal perception. Non direct contact, electric field induction is used to detect whether the line is charged, and to detect whether the line is charged when there is no load and no current passing through.

Performance index

Technical parameters of wireless current temperature sensor			
Wireless receiving mode	Star structure point to point communication	Energy source	Power frequency magnetic field +replaceable high temperature lithium battery
Temperature and current acquisition and transmitter	Primary current above 1A	CT Minimum deenergization current	0.5A , AC
Minimum starting current cold start time	≤4min	Working humidity range	-40~150°C Non battery powered
Recommended operating temperature range	-40~+85°C	Protection level	IP45
Storage temperature	-20 ~ +55°C	Installation method	Snap fit installation

Outline and installation dimensions

Model and specification	Dimensions(mm)						
	Φ	A	B	C	D	E	F
ASEN-16	16	70	68	37	32	26.5	50
ASEN-25	25	70	68	37	32	26.5	59
ASEN-35	35	70	78	37	32	26.5	70

Product function

- Double coil design, with protective current measuring device, overload 10-20 times of unsaturated current.
 - Double power supply
- The electromagnetic energy of AC power line is collected and converted into electrical energy to provide working power for the sensor. When the measured object through the AC current is greater than 0.5A, the sensor can start to work. And through the intelligent energy storage technology to store excess energy, to ensure the continuous work of the sensor. If the current in the line is less than the starting current or the line is in power failure state, the backup battery in the sensor can be used to supply power to keep the sensor working normally.
- Data measurement and transmission
- During the working period of the sensor, according to the set acquisition frequency, the surface temperature of the cable can be measured by the temperature sensor, and the current flowing through the cable can be measured by the current transformer, so as to realize the online monitoring of the cable

