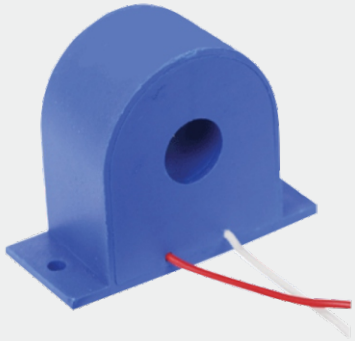
CT Type 01



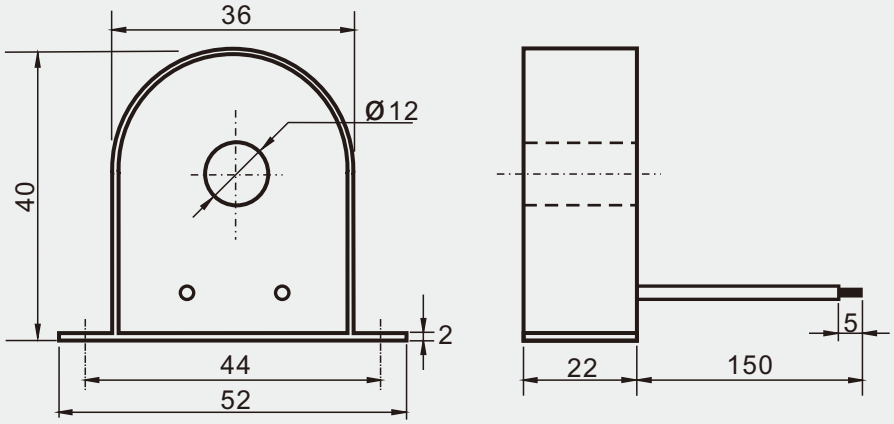
Characteristics:

Used as a current sensing device for utility energy meter
Moisture-proof & vibration-resistant
High insulation ability by epoxy resin encapsulation
130°C Insulation system material construction
DC-tolerance version available (IEC62053-21 standard)

Technical parameters

Working temperature	-25°C ~ 75°C
Relative humidity	80% ~ 90%
Dielectric strength (primary Vs secondary)	> 3,000V (1 min.)
Insulation resistance	> 50MΩ

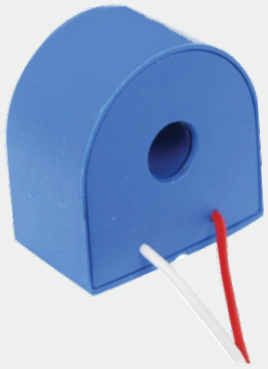
Dimensions (mm)



Ordering information

Rated Primary Current I_p (A)	Max. Primary Current I_{max} (A)	Rated Secondary Current I_s (mA)	Turns Ratio N	Load Resistance R_b	Accuracy (%)
10	60	4	1:2500	5Ω, 10Ω, 20Ω	0.1, 0.2, 0.5
10	60	5	1:2000		
10	60	10	1:1000		
15	90	10	1:1500		
20	100	8	1:2500		
20	100	10	1:2000		
20	100	20	1:1000		

CT Type 02



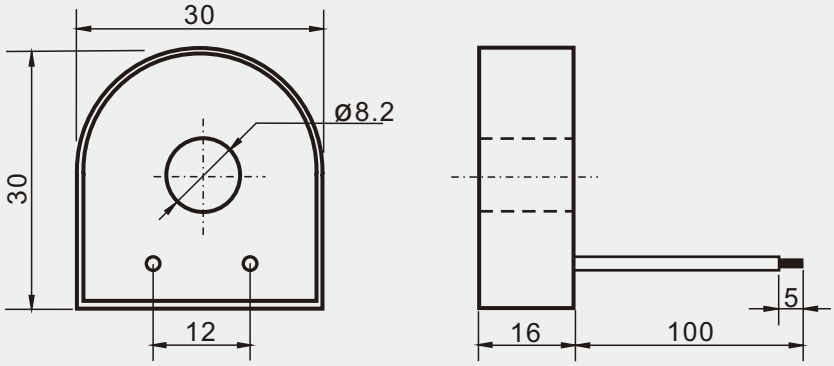
Characteristics:

- Used as a current sensing device for utility energy meter
- Moisture-proof & vibration-resistant
- High insulation ability by epoxy resin encapsulation
- 130°C Insulation system material construction
- DC-tolerance version available (IEC62053-21 standard)

Technical parameters

Working temperature	-25°C ~ 75°C
Relative humidity	80% ~ 90%
Dielectric strength (primary Vs secondary)	> 3,000V (1 min.)
Insulation resistance	> 50MΩ

Dimensions (mm)



Ordering information

Rated Primary Current I_p (A)	Max. Primary Current I_{max} (A)	Rated Secondary Current I_s (mA)	Turns Ratio N	Load Resistance R_b	Accuracy (%)
5	30	5	1:1000	5Ω, 10Ω, 20Ω	0.1, 0.2, 0.5
10	60	4	1:2500		
10	60	5	1:2000		
15	60	10	1:1000		
20	90	10	1:1500		
20	100	10	1:2000		
20	100	20	1:1000		

CT Type 03

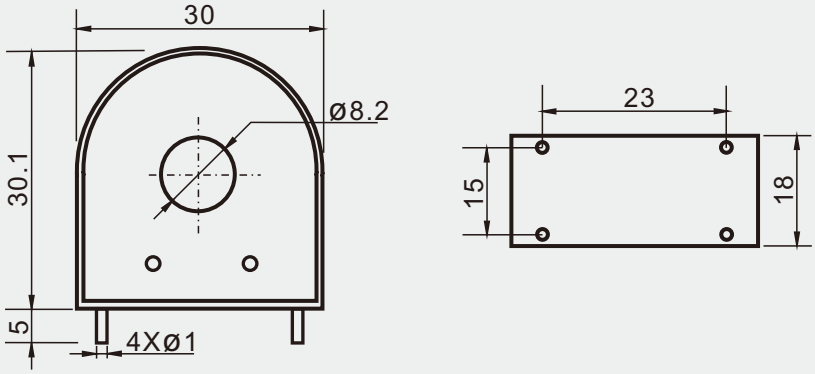
Characteristics:

- Used as a current sensing device for utility energy meter
- Moisture-proof & vibration-resistant
- High insulation ability by epoxy resin encapsulation
- 130°C Insulation system material construction
- DC-tolerance version available (IEC62053-21 standard)

Technical parameters

Working temperature	-25°C ~ 75°C
Relative humidity	80% ~ 90%
Dielectric strength (primary Vs secondary)	> 3,000V (1 min.)
Insulation resistance	> 50MΩ

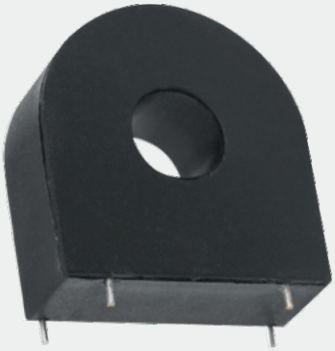
Dimensions (mm)



Ordering information

Rated Primary Current I_p (A)	Max. Primary Current I_{max} (A)	Rated Secondary Current I_s (mA)	Turns Ratio N	Load Resistance R_b	Accuracy (%)
15	60	10	1:1500	5Ω, 10Ω, 20Ω	0.1, 0.2
10	60	10	1:1000		
10	60	4	1:2500		
10	100	10	1:1000		
10	100	4	1:2500		
20	100	10	1:2000		
20	100	8	1:2500		

CT Type 04



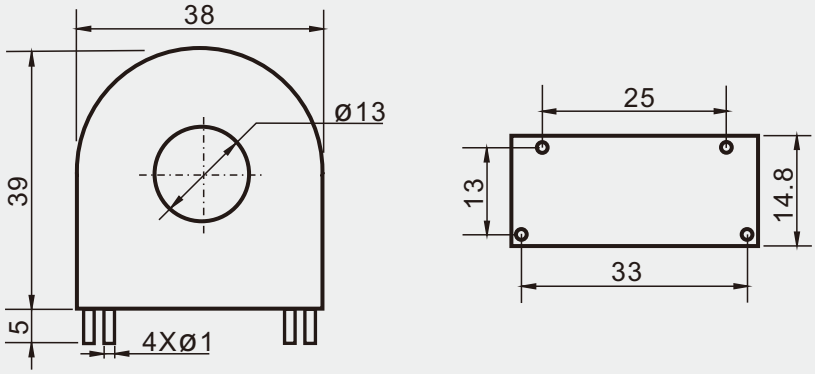
Characteristics:

- Used as a current sensing device for utility energy meter
- Moisture-proof & vibration-resistant
- High insulation ability by epoxy resin encapsulation
- 130°C Insulation system material construction
- DC-tolerance version available (IEC62053-21 standard)

Technical parameters

Working temperature	-25°C ~ 75°C
Relative humidity	80% ~ 90%
Dielectric strength (primary Vs secondary)	> 3,000V (1 min.)
Insulation resistance	> 50MΩ

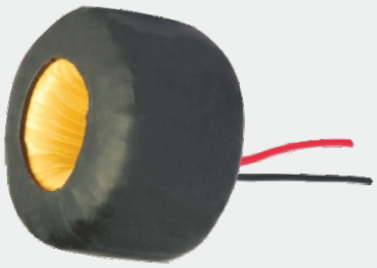
Dimensions (mm)



Ordering information

Rated Primary Current I_p (A)	Max. Primary Current I_{max} (A)	Rated Secondary Current I_s (mA)	Turns Ratio N	Load Resistance R_b	Accuracy (%)
15	60	10	1:1500	5Ω, 10Ω, 20Ω	0.1, 0.2, 0.5
10	60	10	1:1000		
10	60	4	1:2500		
10	100	10	1:1000		
10	100	4	1:2500		
20	100	10	1:2000		
20	100	8	1:2500		

CT Type 05



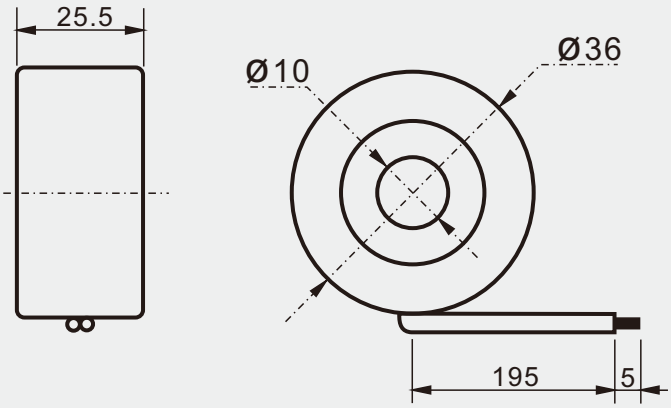
Characteristics:

Used as a current sensing device for utility energy meter
Moisture-proof & vibration-resistant
High insulation ability by epoxy resin encapsulation
130°C Insulation system material construction
DC-tolerance version available (IEC62053-21 standard)

Technical parameters

Working temperature	-25°C ~ 75°C
Relative humidity	80% ~ 90%
Dielectric strength (primary Vs secondary)	> 3,000V (1 min.)
Insulation resistance	> 50MΩ

Dimensions (mm)



Ordering information

Rated Primary Current I_p (A)	Max. Primary Current I_{max} (A)	Rated Secondary Current I_s (mA)	Turns Ratio N	Load Resistance R_b	Accuracy (%)
5	30	2	1:2500	5Ω, 10Ω, 20Ω	0.1, 0.2, 0.5
5	40	2	1:2500		
10	50	5	1:2000		
10	60	4	1:2500		
10	100	4	1:2500		
20	100	5	1:4000		
20	100	8	1:2500		

CT Type 06

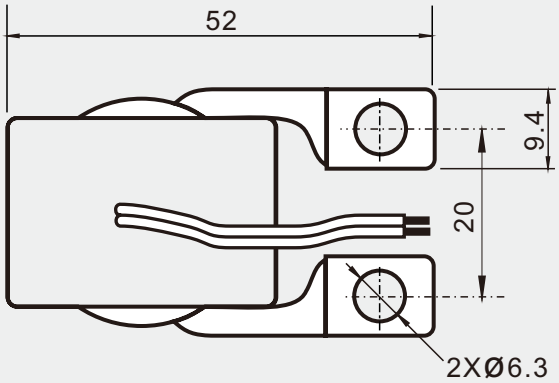
Characteristics:

Used as a current sensing device for utility energy meter
Moisture-proof & vibration-resistant
High insulation ability by epoxy resin encapsulation
130°C Insulation system material construction
DC-tolerance version available (IEC62053-21 standard)

Technical parameters

Working temperature	-25°C ~ 75°C
Relative humidity	80% ~ 90%
Dielectric strength (primary Vs secondary)	> 3,000V (1 min.)
Insulation resistance	> 50MΩ

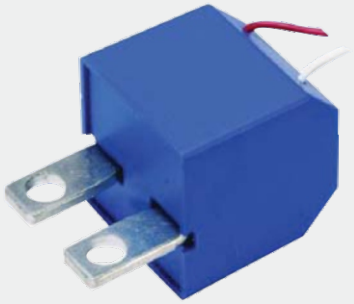
Dimensions (mm)



Ordering information

Rated Primary Current I_p (A)	Max. Primary Current I_{max} (A)	Rated Secondary Current I_s (mA)	Turns Ratio N	Load Resistance R_b	Accuracy (%)
10	100	2.5	1:4000	5Ω, 10Ω, 20Ω	0.1, 0.2, 0.5
10	100	4	1:2500		
20	100	5	1:4000		
20	100	8	1:2500		

CT Type 07



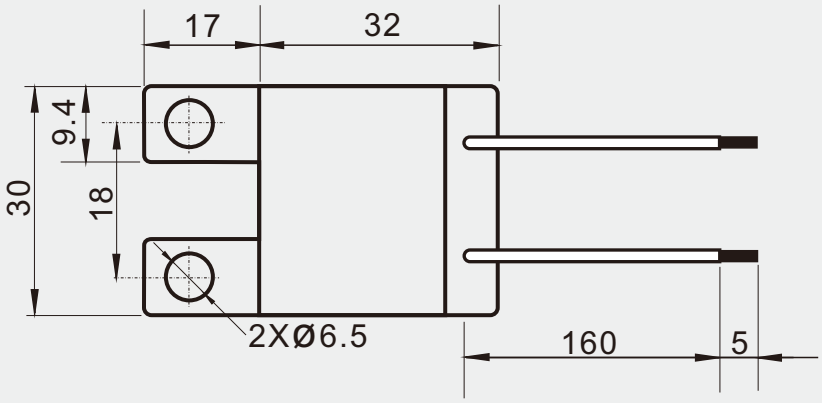
Characteristics:

- Used as a current sensing device for utility energy meter
- Moisture-proof & vibration-resistant
- High insulation ability by epoxy resin encapsulation
- 130°C Insulation system material construction
- DC-tolerance version available (IEC62053-21 standard)

Technical parameters

Working temperature	-25°C ~ 75°C
Relative humidity	80% ~ 90%
Dielectric strength (primary Vs secondary)	> 3,000V (1 min.)
Insulation resistance	> 50MΩ

Dimensions (mm)



Ordering information

Rated Primary Current I_p (A)	Max. Primary Current I_{max} (A)	Rated Secondary Current I_s (mA)	Turns Ratio N	Load Resistance R_b	Accuracy (%)
10	60	5	1:2000	5Ω, 10Ω, 20Ω	0.1, 0.2, 0.5
10	60	10	1:1000		
15	90	5	1:3000		
20	120	5	1:4000		
20	120	10	1:2000		
30	120	10	1:3000		

SPLIT-CORE AC CURRENT SENSOR YZCT-400

DESCRIPTION

Split-core Current Sensor detect AC current from 5 to 75 Amps passing through the window. Split-core Sensors are ideal for installation on existing electrical wiring by snapping around the conductor. The YZCT series have the highest industry standards both for interleaving joints and the self-locking mechanism.

SPECIFICATIONS

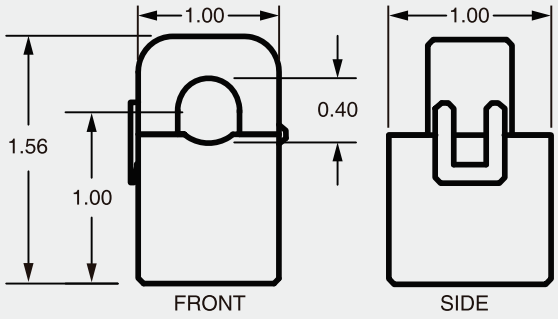
- Rated input from 5 Amp to 75 Amp
- **0.333Vac output at rated current**
- Accuracy +1%
- Accuracy at 10% to 130% of rated current
- Operates from 50Hz to 400Hz
- Phase angle < 2 degrees (valid 20A or higher)
- 8' twisted-pair lead, 22AWG
- Maximum Voltage: 600V (on bare conductor)
- Hinge guaranteed for 500 opening-closing cycles
- UL Recognized Insulation System
- 0.40" Window I.D.
- Approximately 3 oz.

600V CLASS

c UL us E482638

CATALOG NUMBER	INPUT RATING
YZCT-400-005	5 AMP
YZCT-400-010	10 AMP
YZCT-400-015	15 AMP
YZCT-400-020	20 AMP
YZCT-400-025	25 AMP
YZCT-400-030	30 AMP
YZCT-400-040	40 AMP
YZCT-400-050	50 AMP
YZCT-400-060	60 AMP
YZCT-400-075	75 AMP

Dimensions in inches



Wiring Diagram