

ACCUE^{ENERGY}

AcuCT S Series

Solid-Core Current Transformers



D A T A S H E E T

Revenue Grade Solid-Core Current Transformer Datasheet



Features

- Accuracy class: 0.15%
- Two current input options: 100A or 200A
- Two rated output options: 80mA or 100mA
- Rugged Solid-Core design for high-performance in harsh environments
- Measurement Canada Approved
- UL2808 Listed, 61010-1, & CSA 22.2



Email: marketing@accuenergy.com

Revision Date: February 2024 Version: 1.0.8
Specs Subject To Change Without Notice.



RATED CURRENT	100A, 200A
Current Range	10%-120% of rated current
Output	80mA, 100mA
Ratio Error	5% rated current: 0.997-1.003; 100% rated current: 0.9985-1.0015
Phase Error	≤ 8'
Accuracy	0.15%

Form Factor	Solid-Core CT
Window Size	Ø 19.6mm (0.77")
Exterior Dimensions	51.0mm x 19.0mm 2.00" x 0.75"
Case Material	UL 94V-0 rated flame retardant
Lead Wires	305mm (1ft), 18AWG UL 1015
Operating Temperature	-25°C to 80°C / -13°F to 176°F
Operating Humidity	Non-Condensing, 5 to 95% RH
Installation Conditions	Indoor Use

Wire Polarity	White=Positive, Black=Negative
Phase Orientation	H1 points towards source
Frequency Range	50/60Hz
Burden	B0.05/0.125VA
Withstand Voltage	3.0KV/1mA/1min
Impulse Insulation (BIL)	10kV
Insulation Resistance	50MΩ

Rated Voltage	600VAC, Rated CAT III
Certifications	CE, RoHS, UL Listed UL2808 (E469633) 61010-1, CSA 22.2
Measurement Canada Approved	0.15 class

	Model	Rated Input	Rated Output
Ordering Number	-	:	
Ordering Example	AcuCT-S77	- 100	: 100mA
		100:100A	80mA
		200: 200A	100mA

AcuCT-S113 Series

5A Solid-Core Current Transformer Datasheet



The superior choice for product integrations, the solid-core AcuCT S113 features five output options in a compact, durable form factor. UL2808 Listed for safety, this cost effective current transformer will provide accurate, dependable measurements across industrial, commercial, or in general energy monitoring applications.

Features

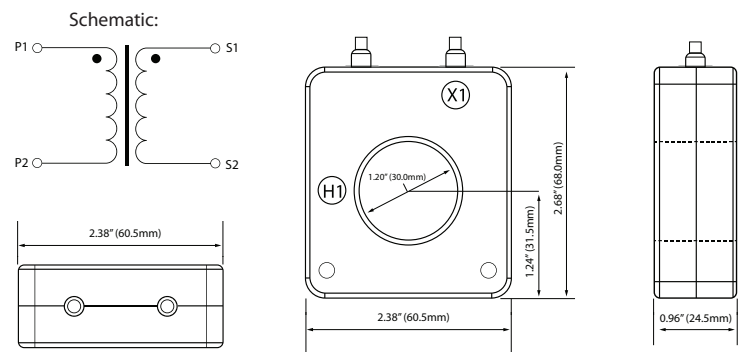
- Accuracy class: IEC 61869-2 Class 0.2
- Three current input options: 200A, 300A, or 400A
- Choose from five output options: 5A, 1A, 100mA, 80mA, 333mV
- Solid-Core design provides reliable performance in challenging applications
- UL2808 Listed



Specifications

RATED CURRENT		200A, 300A, 400A
Current Range		5-120% of Rated Current RMS
Output		5A, 1A, 100mA, 80mA, 333mV
Accuracy		IEC 61869-2 Class 0.2
MECHANICAL/ENVIRONMENTAL		
Form Factor		Solid-Core CT
Window Size		30.0mm (1.20")
Exterior Dimensions		60.5mm x 68.0mm x 24.5mm 2.38" x 2.68" x 0.96"
Case Material		UL 94V-0
Lead Wire		2.5m (8.2ft), 18AWG UL1015
Weight		177.00g (6.24oz)
Operating Temperature		-25°C to 70°C / -13°F to 158°F
Storage Temperature		-40°C to 80°C / -40°F to 176°F
Operating Humidity		<90% RH
Installation Conditions		Indoor Use
ELECTRICAL		
Wire Polarity		White=Positive, Black=Negative
Phase Orientation		H1 Points Towards Source
Frequency Range		50/60Hz
Burden		10Ω @mA Output, 1.5VA@1A, 2.5VA@5A
RF		1.2 In
Insulation Resistance		500V/100MΩ Min
SAFETY/COMPLIANCE		
Rated Voltage		600VAC, Rated CAT III
Certifications		CE, RoHS, UL Listed UL2808 (E469633)

Dimensions

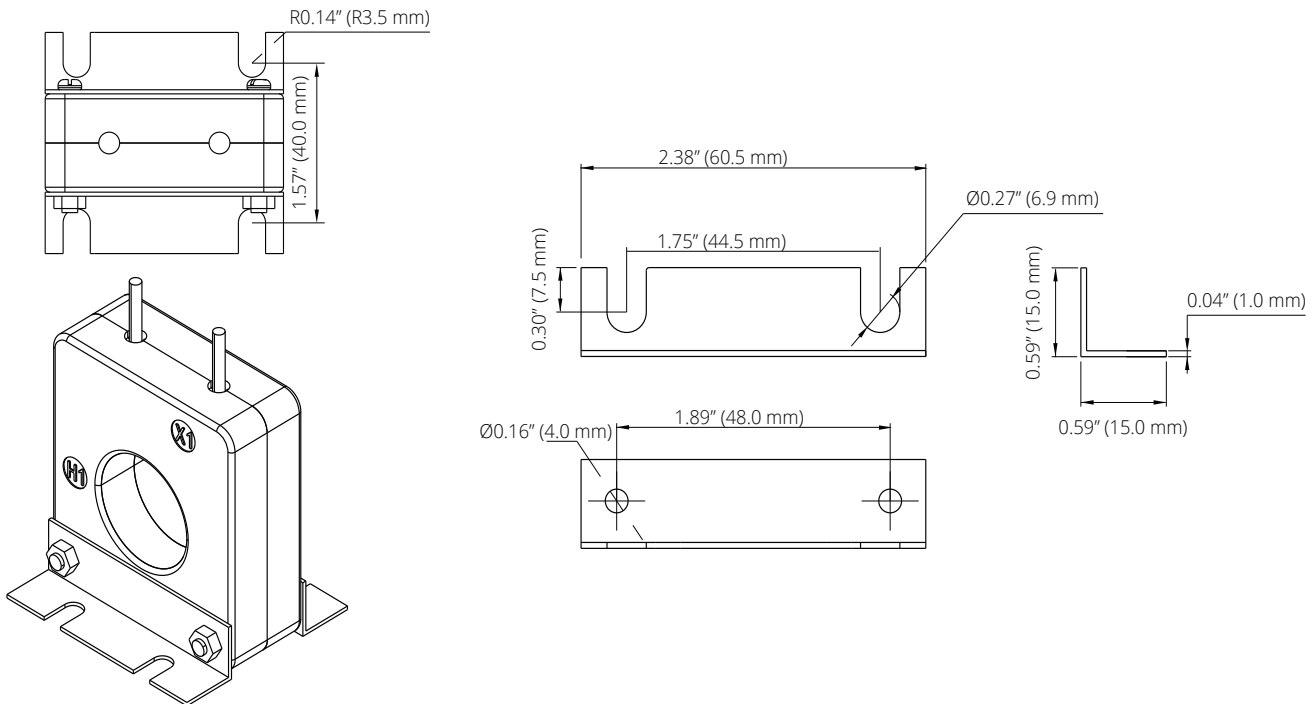


Typical Parameters

MODEL	CURRENT RATIO	ACCURACY CLASS	BURDEN/RESISTANCE	LEAD LENGTH
AcuCT-S113-200: 80mA	200/80mA	0.2	10Ω	2.5m
AcuCT-S113-300: 80mA	300/80mA	0.2	10Ω	2.5m
AcuCT-S113-400: 80mA	400/80mA	0.2	10Ω	2.5m
AcuCT-S113-200: 100mA	200/100mA	0.2	10Ω	2.5m
AcuCT-S113-300: 100mA	300/100mA	0.2	10Ω	2.5m
AcuCT-S113-400: 100mA	400/100mA	0.2	10Ω	2.5m
AcuCT-S113-200: 333mV	200/333mV	0.2		2.5m
AcuCT-S113-300: 333mV	300/333mV	0.2		2.5m
AcuCT-S113-400: 333mV	400/333mV	0.2		2.5m
AcuCT-S113-200: 1A	200/1A	0.5	1.5VA	2.5m
AcuCT-S113-300: 1A	300/1A	0.5	1.5VA	2.5m
AcuCT-S113-400: 1A	400/1A	0.5	1.5VA	2.5m
AcuCT-S113-200: 5A	200/5A	1	2.5VA	2.5m
AcuCT-S113-300: 5A	300/5A	1	2.5VA	2.5m
AcuCT-S113-400: 5A	400/5A	1	2.5VA	2.5m

Mounting Brackets Accessory

Mounting accessories are available for AcuCT S series. Each mounting kit includes 2 mounting brackets (left and right), 2 mounting screws and 2 mounting nuts in the package.



Installation Instructions

1.

Our AcuCT S series CTs do not include mounting accessories by default. If required, please purchase them separately.
2.

Mounting accessories are zinc-plated for effective rust protection and are attached to the CT using M4 screws.

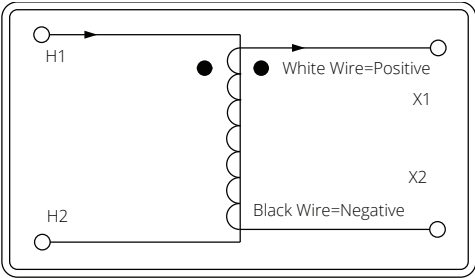
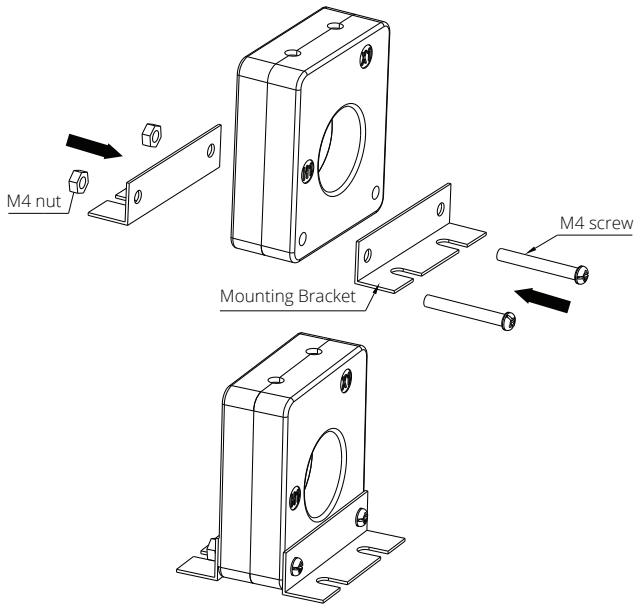
• Screw specification: M4 × 30 mm

• Nut specification: M4 × 3 mm

• Recommended tightening torque: 0.5–0.8 N·m
3.

Loosen the knurled thumb screw of the CT, separate the CT in the direction of the arrow, install the CT over the primary conductor, then tighten the screw to complete installation. The design of the knurled thumb screw enables quick installation without the need for tools.
4.

The primary conductor cable is threaded into CT from side H1, with the white wire being positive lead and the black wire being negative lead.



Ordering Information

Model	-	Rated Input	:	Rated Output
AcuCT-S113		200: 200A		333mV
		300: 300A		80mA
		400: 400A		100mA
				1A
				5A

Ordering Example	AcuCT-S113	200	:	333mV
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+ Accessory (Optional)	
Model	Accessory
ACUBRAC	S1
Ordering Example	ACUBRAC - S1



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Specs Subject To Change Without Notice.

AcuCT S125 Series

Solid-Core Current Transformer Datasheet



Built with epoxy encapsulated housing for superior integrity and protection, the AcuCT S125 solid-core current transformer delivers 0.2% measurement accuracy, ideal for revenue-grade billing applications when paired with high precision energy meters. Available in a wide range of rated current options from 50A to 400A, it is suitable for a wide range of applications across commercial and industrial sectors.

Features

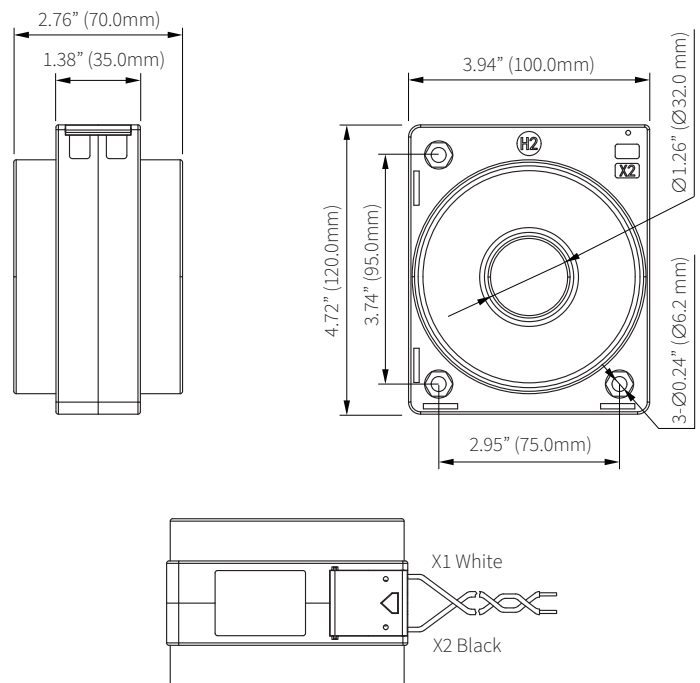
- Accuracy class: 0.2
- Current Inputs: 50A, 100A, 200A, 300A, 400A
- Output Options: 5A, 1A, 80mA, 100mA, 333mV



Specifications

RATED CURRENT	
Current Range	50A, 100A, 200A, 300A, 400A
Output	5%, 120% of Rated Current
Accuracy	5A, 1A, 80mA, 100mA, 333mV
Accuracy	IEC 61869-2 Class 0.2
MECHANICAL/ENVIRONMENTAL	
Exterior Dimensions	120mm x 100mm x 70mm 4.72" x 3.94" x 2.76"
Window Size	Ø 32.0mm (1.26")
Case Material	Epoxy Encapsulated Housing
Operating Temperature	-25°C to 70°C / -13°F to 158°F
Storage Temperature	-40°C to 80°C / -40°F to 176°F
Operating Humidity	<90% RH
Lead Wires	2.5m (8ft) Twisted Pair, 18AWG
Installation Conditions	Indoor Use
ELECTRICAL	
Wire Polarity	White=Positive, Black=Negative
Phase Orientation	H1 Points Towards Source
Frequency Range	50/60Hz
Burden	80,100mA: 10Ω / 1A: 1.5VA / 5A: 2.5VA
Insulation Resistance	500V/100MΩ Min
SAFETY/COMPLIANCE	
Rated Voltage	600VAC, Rated CAT IV
Certifications	CE, RoHS, UL Listed UL2808

Dimensions

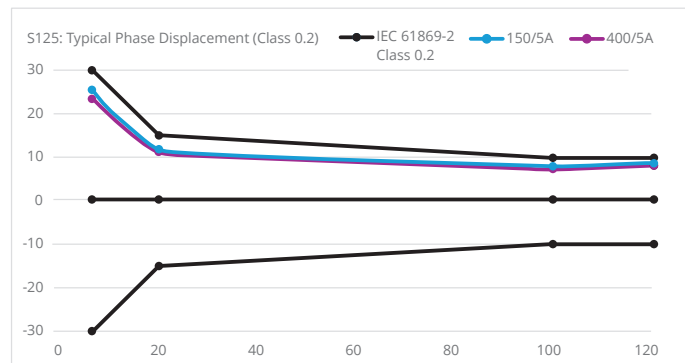
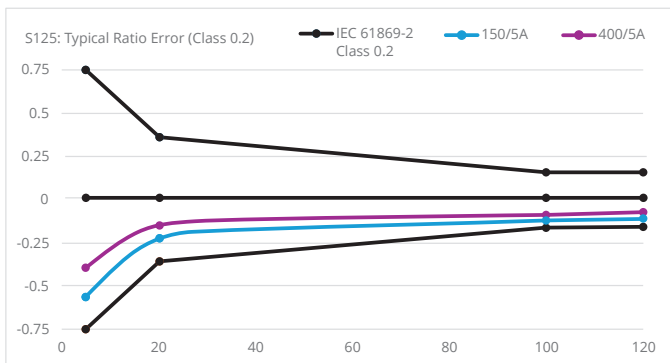


Typical Parameters

MODEL	CURRENT RATIO	ACCURACY CLASS	BURDEN/RESISTANCE	LEAD LENGTH
AcuCT-S125-50: 80mA	50/80mA	0.2	10Ω	2.5m
AcuCT-S125-100: 80mA	100/80mA	0.2	10Ω	2.5m
AcuCT-S125-200: 80mA	200/80mA	0.2	10Ω	2.5m
AcuCT-S125-300: 80mA	300/80mA	0.2	10Ω	2.5m
AcuCT-S125-400: 80mA	400/80mA	0.2	10Ω	2.5m
AcuCT-S125-50: 100mA	50/100mA	0.2	10Ω	2.5m
AcuCT-S125-100: 100mA	100/100mA	0.2	10Ω	2.5m
AcuCT-S125-200: 100mA	200/100mA	0.2	10Ω	2.5m
AcuCT-S125-300: 100mA	300/100mA	0.2	10Ω	2.5m
AcuCT-S125-400: 100mA	400/100mA	0.2	10Ω	2.5m
AcuCT-S125-50: 333mV	50/333mV	0.2		2.5m
AcuCT-S125-100: 333mV	100/333mV	0.2		2.5m
AcuCT-S125-200: 333mV	200/333mV	0.2		2.5m
AcuCT-S125-300: 333mV	300/333mV	0.2		2.5m
AcuCT-S125-400: 333mV	400/333mV	0.2		2.5m
AcuCT-S125-50: 1A	50/1A	0.2	1.5VA	2.5m
AcuCT-S125-100: 1A	100/1A	0.2	1.5VA	2.5m
AcuCT-S125-200: 1A	200/1A	0.2	1.5VA	2.5m
AcuCT-S125-300: 1A	300/1A	0.2	1.5VA	2.5m
AcuCT-S125-400: 1A	400/1A	0.2	1.5VA	2.5m
AcuCT-S125-50: 5A	50/5A	0.2	2.5VA	2.5m
AcuCT-S125-100: 5A	100/5A	0.2	2.5VA	2.5m
AcuCT-S125-200: 5A	200/5A	0.2	2.5VA	2.5m
AcuCT-S125-300: 5A	300/5A	0.2	2.5VA	2.5m
AcuCT-S125-400: 5A	400/5A	0.2	2.5VA	2.5m

Note: In addition to the recommended accuracy classes listed above, custom accuracy class configurations are also available (e.g., 0.5, 0.5S, 0.2S).

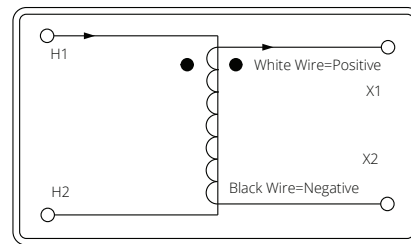
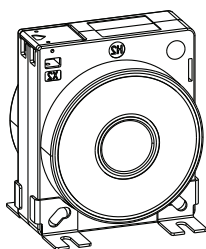
Accuracy Class 0.2



Mounting accessories are available for AcuCT S series. Each mounting kit includes 4 mounting brackets (left and right), 2 mounting screws and 2 mounting nuts in the package.



1. Our AcuCT S series CTs do not include mounting accessories by default. If required, please purchase them separately.
2. Mounting accessories are zinc-plated for effective rust protection and are attached to the CT using M6 screws.
 - Screw specification: M6 × 45 mm
 - Nut specification: M6 × 4 mm
 - Recommended tightening torque: 0.5–0.8 N·m
3. Loosen the knurled thumb screw of the CT, separate the CT in the direction of the arrow, install the CT over the primary conductor, then tighten the screw to complete installation. The design of the knurled thumb screw enables quick installation without the need for tools.
4. The primary conductor cable is threaded into CT from side H1, with the white wire being positive lead and the black wire being negative lead.



Ordering Information

<i>Model</i>	<i>Rated Input</i>	<i>Rated Output</i>
AcuCT-S125	50: 50A	5A
	100: 100A	1A
	200: 200A	100mA
	300: 300A	80mA
	400: 400A	333mV

Ordering Example	AcuCT-S125	-	200	:	333mV
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Model	Accessory
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S3

ACUBRAC - S3



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Specs Subject To Change Without Notice.

AcuCT S165 Series

Solid-Core Current Transformer Datasheet



The AcuCT S165 solid-core current transformer delivers up to IEC 61869-2 Class 0.2 measurement accuracy at 5% to 120% rated current making it ideal for revenue-grade billing and load management solutions when paired with high-precision energy meters. Available in a wide range of rated current input options, from 100A to 1200A, as well as current output options, covering a wide range of applications across both commercial and industrial sectors.

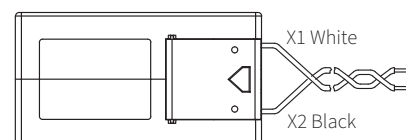
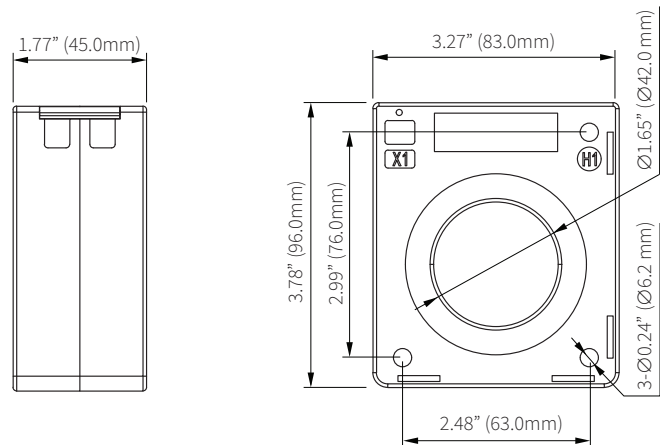
Features

- Accuracy class: 0.2
- Current Input Options: 100A, 200A, 300A, 400A, 500A, 600A, 800A, 1000A, 1200A
- Current Output Options: 5A, 1A, 100mA, 80mA, 333mV

Specifications

RATED CURRENT	100A, 200A, 300A, 400A, 500A, 600A, 800A, 1000A, 1200A
Current Range	5%-120% of Rated Current
Output	5A, 1A, 100mA, 80mA, 333mV
Accuracy	IEC 61869-2 Class 0.2
MECHANICAL/ENVIRONMENTAL	
Exterior Dimensions	83mm x 96mm x 45mm 3.27" x 3.78" x 1.77"
Window Size	Ø 42.0mm (1.65")
Case Material	Epoxy Encapsulated Housing
Operating Temperature	-25°C to 70°C / -13°F to 158°F
Storage Temperature	-40°C to 80°C / -40°F to 176°F
Operating Humidity	Non-Condensing, 5% to 95% RH
Lead Wires	2.5m (8ft) Twisted Pair, 18AWG
Installation Conditions	Indoor Use
ELECTRICAL	
Wire Polarity	White=Positive (X1), Black=Negative (X2)
Phase Orientation	H1 Points Towards Source
Frequency Range	50/60Hz
Burden	1.5-5VA@1/5A; 10Ω@mA
Insulation Resistance	500V / 100MΩ Min
Rated Voltage	600VAC, Rated CAT IV
SAFETY/COMPLIANCE	
Certifications	CE, RoHS, UL Listed UL 2808

Dimensions

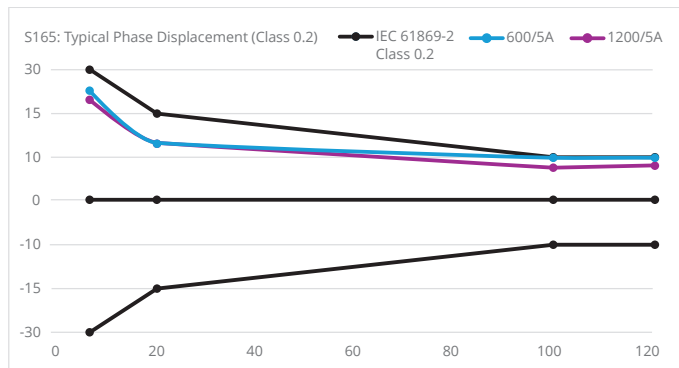
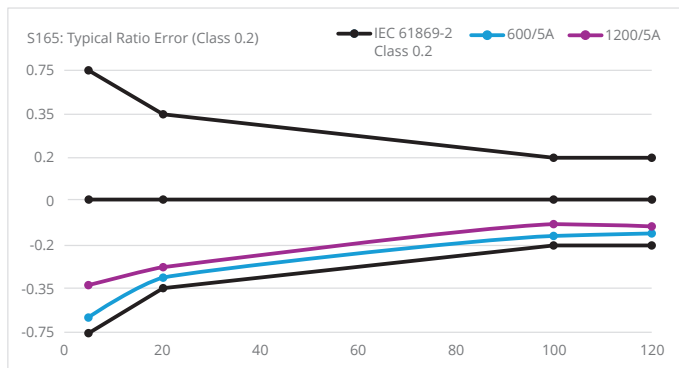


Typical Parameters

MODEL	CURRENT RATIO	ACCURACY CLASS	BURDEN/RESISTANCE	LEAD LENGTH
AcuCT-S165-100: 80mA	100/80mA	0.2	10Ω	2.5m
AcuCT-S165-200: 80mA	200/80mA	0.2	10Ω	2.5m
AcuCT-S165-300: 80mA	300/80mA	0.2	10Ω	2.5m
AcuCT-S165-400: 80mA	400/80mA	0.2	10Ω	2.5m
AcuCT-S165-500: 80mA	500/80mA	0.2	10Ω	2.5m
AcuCT-S165-600: 80mA	600/80mA	0.2	10Ω	2.5m
AcuCT-S165-800: 80mA	800/80mA	0.2	10Ω	2.5m
AcuCT-S165-1000: 80mA	1000/80mA	0.2	10Ω	2.5m
AcuCT-S165-1200: 80mA	1200/80mA	0.2	10Ω	2.5m
AcuCT-S165-100: 100mA	100/100mA	0.2	10Ω	2.5m
AcuCT-S165-200: 100mA	200/100mA	0.2	10Ω	2.5m
AcuCT-S165-300: 100mA	300/100mA	0.2	10Ω	2.5m
AcuCT-S165-400: 100mA	400/100mA	0.2	10Ω	2.5m
AcuCT-S165-500: 100mA	500/100mA	0.2	10Ω	2.5m
AcuCT-S165-600: 100mA	600/100mA	0.2	10Ω	2.5m
AcuCT-S165-800: 100mA	800/100mA	0.2	10Ω	2.5m
AcuCT-S165-1000: 100mA	1000/100mA	0.2	10Ω	2.5m
AcuCT-S165-1200: 100mA	1200/100mA	0.2	10Ω	2.5m
AcuCT-S165-100: 333mV	100/333mV	0.2		2.5m
AcuCT-S165-200: 333mV	200/333mV	0.2		2.5m
AcuCT-S165-300: 333mV	300/333mV	0.2		2.5m
AcuCT-S165-400: 333mV	400/333mV	0.2		2.5m
AcuCT-S165-500: 333mV	500/333mV	0.2		2.5m
AcuCT-S165-600: 333mV	600/333mV	0.2		2.5m
AcuCT-S165-800: 333mV	800/333mV	0.2		2.5m
AcuCT-S165-1000: 333mV	1000/333mV	0.2		2.5m
AcuCT-S165-1200: 333mV	1200/333mV	0.2		2.5m
AcuCT-S165-100: 1A	100/1A	0.2	1.5VA	2.5m
AcuCT-S165-200: 1A	200/1A	0.2	1.5VA	2.5m
AcuCT-S165-300: 1A	300/1A	0.2	1.5VA	2.5m
AcuCT-S165-400: 1A	400/1A	0.2	1.5VA	2.5m
AcuCT-S165-500: 1A	500/1A	0.2	2.5VA	2.5m
AcuCT-S165-600: 1A	600/1A	0.2	2.5VA	2.5m
AcuCT-S165-800: 1A	800/1A	0.2	3.75VA	2.5m
AcuCT-S165-1000: 1A	1000/1A	0.2	5VA	2.5m
AcuCT-S165-1200: 1A	1200/1A	0.2	5VA	2.5m
AcuCT-S165-100: 5A	100/5A	0.2	2.5VA	2.5m
AcuCT-S165-200: 5A	200/5A	0.2	2.5VA	2.5m
AcuCT-S165-300: 5A	300/5A	0.2	2.5VA	2.5m
AcuCT-S165-400: 5A	400/5A	0.2	2.5VA	2.5m
AcuCT-S165-500: 5A	500/5A	0.2	2.5VA	2.5m
AcuCT-S165-600: 5A	600/5A	0.2	2.5VA	2.5m
AcuCT-S165-800: 5A	800/5A	0.2	3.75VA	2.5m
AcuCT-S165-1000: 5A	1000/5A	0.2	5VA	2.5m
AcuCT-S165-1200: 5A	1200/5A	0.2	5VA	2.5m

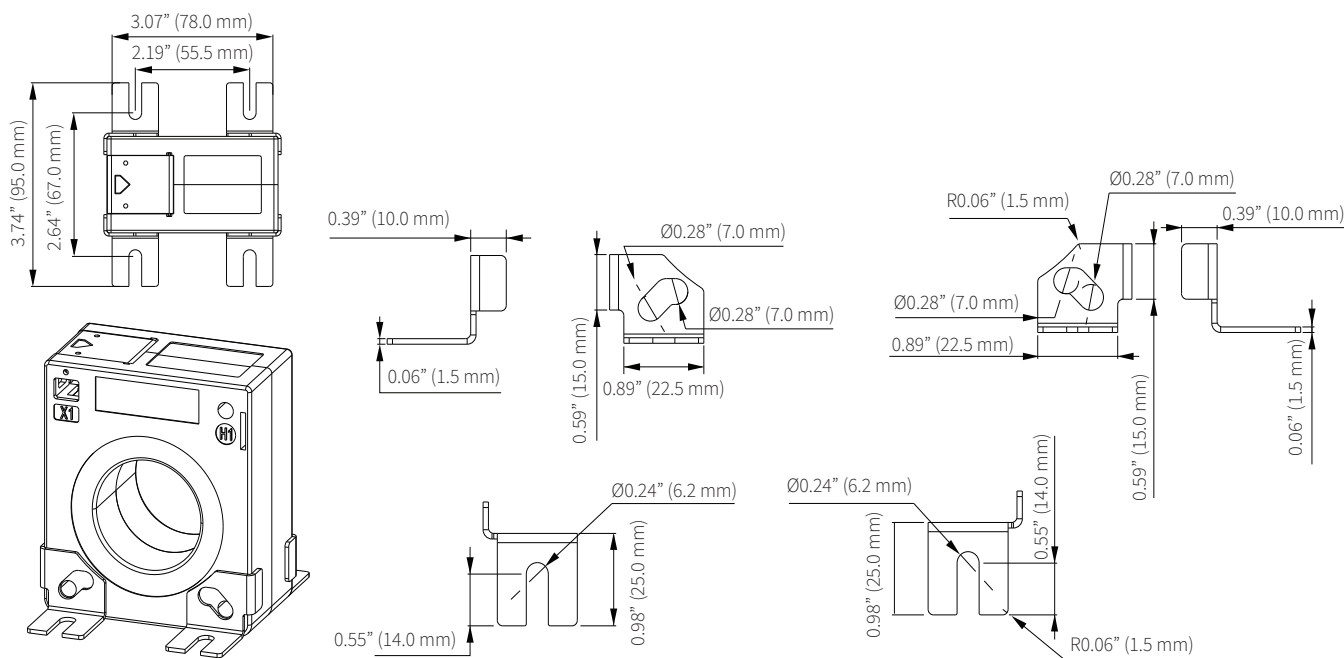
Note: In addition to the recommended accuracy classes listed above, custom accuracy class configurations are also available (e.g., 0.5, 0.5S, 0.2S).

IEC 61869-2 0.2 Compliance



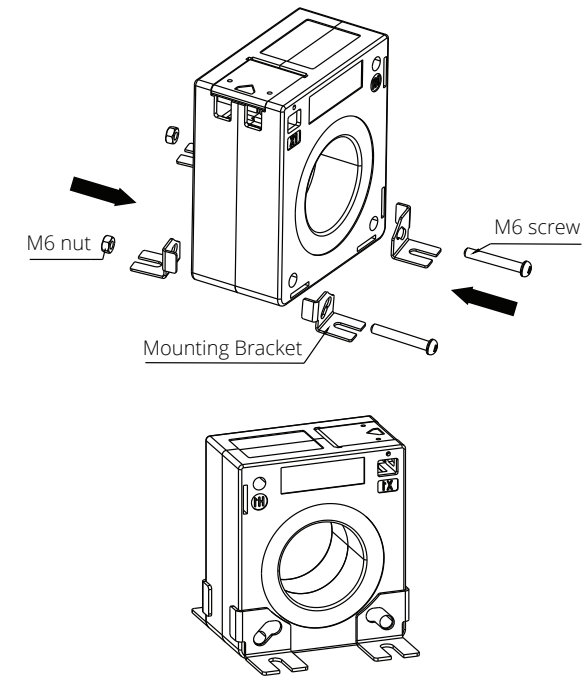
Mounting Brackets Accessory

Mounting accessories are available for AcuCT S series. Each mounting kit includes 4 mounting brackets (left and right), 2 mounting screws and 2 mounting nuts in the package.

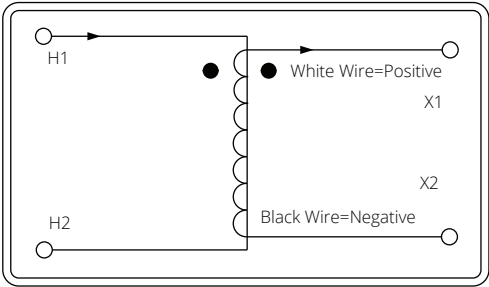


Installation Instructions

- 1. Our AcuCT S series CTs do not include mounting accessories by default. If required, please purchase them separately.
- 2. Mounting accessories are zinc-plated for effective rust protection and are attached to the CT using M6 screws.
 - Screw specification: M6 × 55 mm
 - Nut specification: M6 × 4 mm
 - Recommended tightening torque: 0.5–0.8 N·m



- 3. In addition to the above installation methods, rail mounting is also supported. The rail can be clipped into the slot on the housing, suitable for 35 mm DIN rails.
- 4. The primary conductor cable is threaded into CT from side H1, with the white wire being positive lead and the black wire being negative lead.



Ordering Information

Model	Rated Input	Rated Output
AcuCT-S165	100: 100A	5A
	200: 200A	1A
	300: 300A	100mA
	400: 400A	80mA
	500: 500A	333mV
	600: 600A	
	800: 800A	
	1000: 1000A	
	1200: 1200A	

Ordering Example	AcuCT-S165	-	800	:	333mV
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+ Accessory (Optional)

Model	Accessory
ACUBRAC	S4

Ordering Example	ACUBRAC - S4
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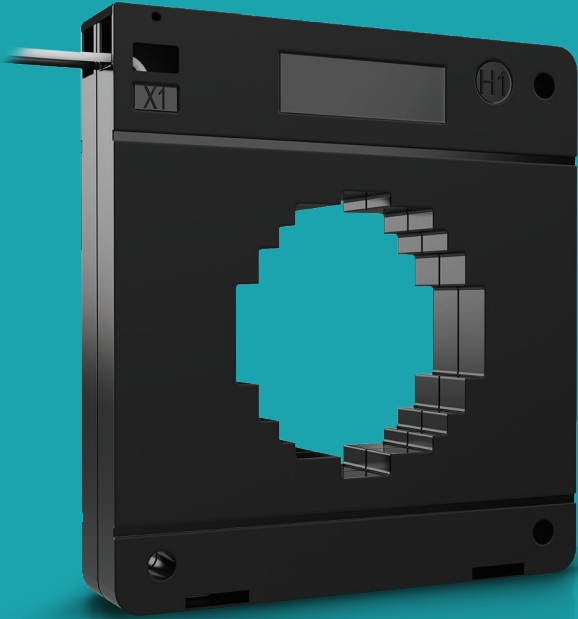


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Revision Date: June 2026 Version: 1.0.4
Specs Subject To Change Without Notice.

AcuCT-S220 Series

Switchgear Solid-Core Current Transformer



High precision solid-core current transformer for permanent installations. The AcuCT S220 features multiple input and output options in a small compact form factor. It provides consistent, reliable measurements across industrial and commercial for general metering or switchgear applications.

Features

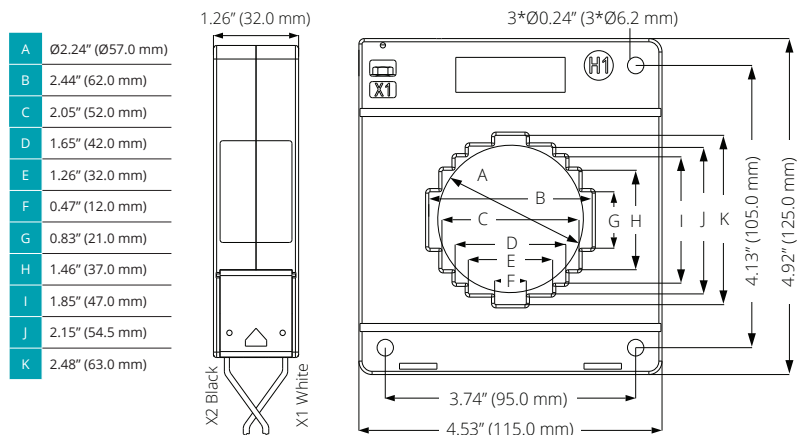
- Accuracy class: 0.2
- Current input options: 200A, 250A, 300A, 500A, 600A, 800A, 1000A, 1200A, 1500A
- Choose from five output options: 5A, 1A, 100mA, 80mA, 333mV



Specifications

RATED CURRENT	200A, 250A, 300A, 500A, 600A, 800A, 1000A, 1200A, 1500A
Current Range	5%-120% of Rated Current
Output	5A, 1A, 100mA, 80mA, 333mV
Accuracy	IEC 61869-2 Class 0.2
MECHANICAL/ENVIRONMENTAL	
Form Factor	Solid-Core CT
Window Size	Ø 57.0 mm (2.24")
Exterior Dimensions	115.0mm x 125.0mm x 32.0mm 4.53" x 4.92" x 1.26"
Case Material	Epoxy Encapsulated Housing
Lead Wires	2.5m (8ft), Twisted Pair, 18AWG
Operating Temperature	-25°C to 70°C / -13°F to 158°F
Storage Temperature	-40°C to 80°C / -40°F to 176°F
Operating Humidity	<90% RH
Installation Conditions	Indoor Use
ELECTRICAL	
Wire Polarity	White=Positive(X1), Black=Negative(X2)
Phase Orientation	H1 Points Towards Source
Frequency Range	50-60Hz
Burden	2.5-5VA @1A, 5A and 10Ω@mA Output
Withstand Voltage	3,000VAC
Insulation Resistance	500V/100MΩ Min
SAFETY/COMPLIANCE	
Rated Voltage	600VAC, Rated CAT III
Certifications	CE, RoHS, UL Listed UL 2808, CSA 22.2

Dimensions

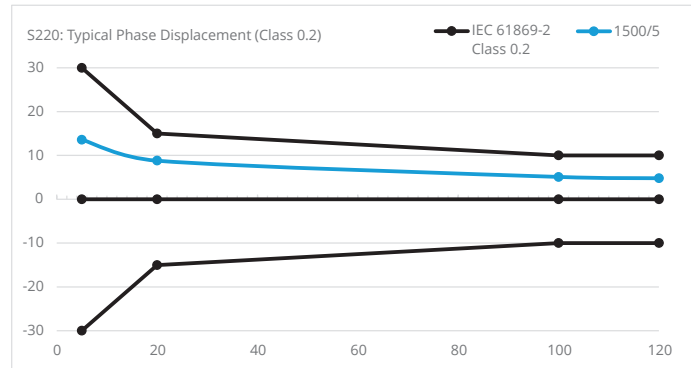
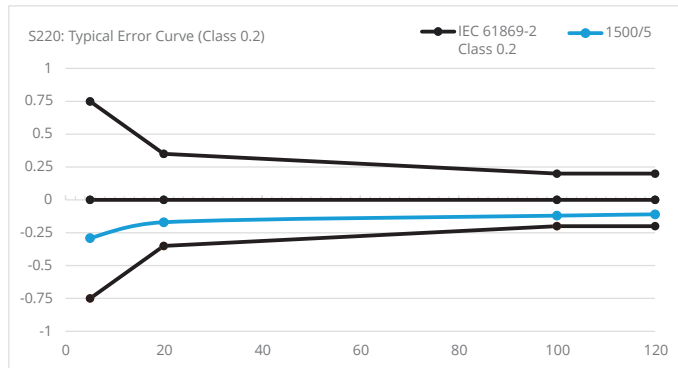


Typical Parameters

MODEL	CURRENT RATIO	ACCURACY	BURDEN / RESISTANCE	LEAD LENGTH
AcuCT-S220-200: 5A	200/5A	0.2	2.5VA	2.5m
AcuCT-S220-250: 5A	250/5A	0.2	2.5VA	2.5m
AcuCT-S220-300: 5A	300/5A	0.2	2.5VA	2.5m
AcuCT-S220-500: 5A	500/5A	0.2	2.5VA	2.5m
AcuCT-S220-600: 5A	600/5A	0.2	2.5VA	2.5m
AcuCT-S220-800: 5A	800/5A	0.2	3.75VA	2.5m
AcuCT-S220-1000: 5A	1000/5A	0.2	5VA	2.5m
AcuCT-S220-1200: 5A	1200/5A	0.2	5VA	2.5m
AcuCT-S220-1500: 5A	1500/5A	0.2	5VA	2.5m
AcuCT-S220-200: 1A	200/1A	0.2	2.5VA	2.5m
AcuCT-S220-250: 1A	250/1A	0.2	2.5VA	2.5m
AcuCT-S220-300: 1A	300/1A	0.2	2.5VA	2.5m
AcuCT-S220-500: 1A	500/1A	0.2	2.5VA	2.5m
AcuCT-S220-600: 1A	600/1A	0.2	2.5VA	2.5m
AcuCT-S220-800: 1A	800/1A	0.2	3.75VA	2.5m
AcuCT-S220-1000: 1A	1000/1A	0.2	5VA	2.5m
AcuCT-S220-1200: 1A	1200/1A	0.2	5VA	2.5m
AcuCT-S220-1500: 1A	1500/1A	0.2	5VA	2.5m
AcuCT-S220-200: 100mA	200/100mA	0.2	10Ω	2.5m
AcuCT-S220-250: 100mA	250/100mA	0.2	10Ω	2.5m
AcuCT-S220-300: 100mA	300/100mA	0.2	10Ω	2.5m
AcuCT-S220-500: 100mA	500/100mA	0.2	10Ω	2.5m
AcuCT-S220-600: 100mA	600/100mA	0.2	10Ω	2.5m
AcuCT-S220-800: 100mA	800/100mA	0.2	10Ω	2.5m
AcuCT-S220-1000: 100mA	1000/100mA	0.2	10Ω	2.5m
AcuCT-S220-1200: 100mA	1200/100mA	0.2	10Ω	2.5m
AcuCT-S220-1500: 100mA	1500/100mA	0.2	10Ω	2.5m
AcuCT-S220-200: 80mA	200/80mA	0.2	10Ω	2.5m
AcuCT-S220-250: 80mA	250/80mA	0.2	10Ω	2.5m
AcuCT-S220-300: 80mA	300/80mA	0.2	10Ω	2.5m
AcuCT-S220-500: 80mA	500/80mA	0.2	10Ω	2.5m
AcuCT-S220-600: 80mA	600/80mA	0.2	10Ω	2.5m
AcuCT-S220-800: 80mA	800/80mA	0.2	10Ω	2.5m
AcuCT-S220-1000: 80mA	1000/80mA	0.2	10Ω	2.5m
AcuCT-S220-1200: 80mA	1200/80mA	0.2	10Ω	2.5m
AcuCT-S220-1500: 80mA	1500/80mA	0.2	10Ω	2.5m
AcuCT-S220-200: 333mV	200/333mV	0.2		2.5m
AcuCT-S220-250: 333mV	250/333mV	0.2		2.5m
AcuCT-S220-300: 333mV	300/333mV	0.2		2.5m
AcuCT-S220-500: 333mV	500/333mV	0.2		2.5m
AcuCT-S220-600: 333mV	600/333mV	0.2		2.5m
AcuCT-S220-800: 333mV	800/333mV	0.2		2.5m
AcuCT-S220-1000: 333mV	1000/333mV	0.2		2.5m
AcuCT-S220-1200: 333mV	1200/333mV	0.2		2.5m
AcuCT-S220-1500: 333mV	1500/333mV	0.2		2.5m

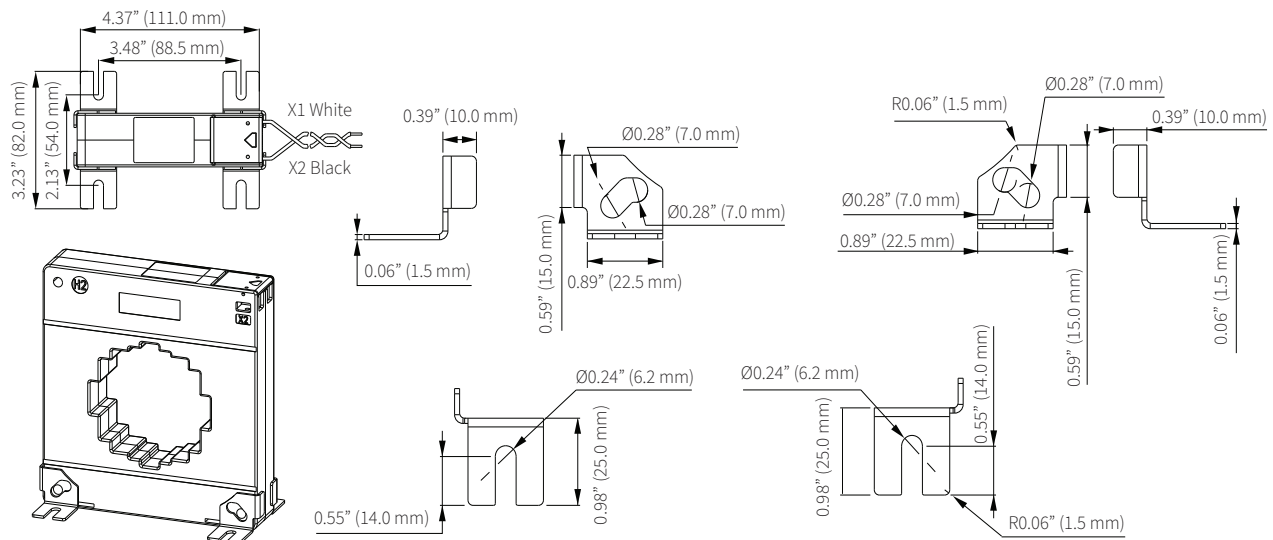
The values in the table are the additional burden values containing 2.5 meters leads.

Accuracy Class 0.2



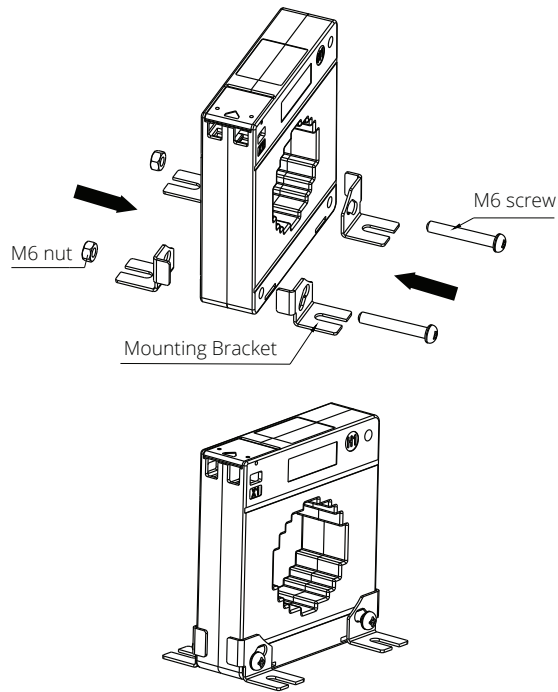
Mounting Brackets Accessory

Mounting accessories are available for AcuCT S series. Each mounting kit includes 4 mounting brackets, 2 mounting screws and 2 mounting nuts in the package.

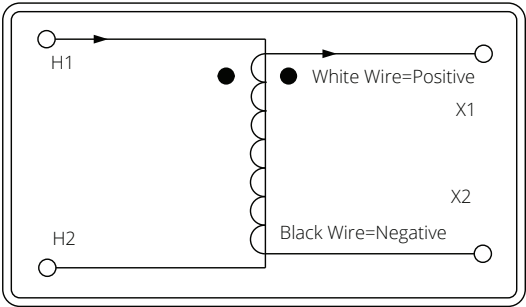


Installation Instructions

- 1. Our AcuCT S series CTs do not include mounting accessories by default. If required, please purchase them separately.
- 2. Mounting accessories are zinc-plated for effective rust protection and are attached to the CT using M6 screws.
 - Screw specification: M6 × 40 mm
 - Nut specification: M6 × 4 mm
 - Recommended tightening torque: 0.5–0.8 N·m



- 3. If the CT needs to be directly mounted on the copper busbar, the busbar mounting method can also be used. First, pre-install the M5 screws into the mounting strips and fit the insulating washers onto the screws. Next, clip the mounting strips into the slots on the CT. Finally, tighten the screws to clamp the CT firmly against the copper busbar, with an appropriate tightening torque of approximately 0.8–1 N·m, based on actual fastening performance.
- 4. The primary conductor cable is threaded into CT from side H1, with the white wire being positive lead and the black wire being negative lead.



Ordering Information

Model	-	Rated Input	:	Rated Output
AcuCT-S220		200: 200A		5A
		250: 250A		1A
		300: 300A		100mA
		500: 500A		80mA
		600: 600A		333mV
		800: 800A		
		1000: 1000A		
		1200: 1200A		
		1500: 1500A		

Ordering Example	AcuCT-S220	500	:	333mV
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+ Accessory (Optional)

Model	Accessory
ACUBRAC	S2
Ordering Example	ACUBRAC - S2



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Revision Date: May 2026 Version: 1.0.7
Specs Subject To Change Without Notice.

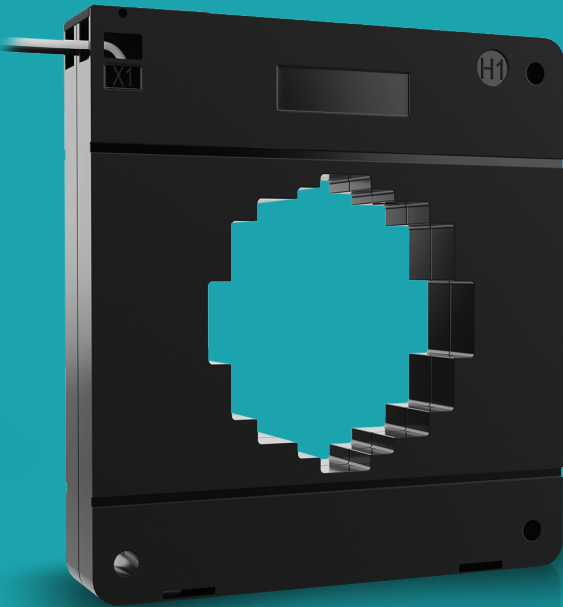
AcuCT-S335 Series

Busbar Solid-Core Current Transformer



Specifications

RATED CURRENT	500A, 600A, 800A, 1000A, 1200A, 1500A, 2000A, 2500A, 3000A, 3500A
Current Range	5%-120% of Rated Current
Output	5A, 1A, 100mA, 80mA, 333mV
Accuracy	IEC 61869-2 Class 0.2
MECHANICAL/ENVIRONMENTAL	
Form Factor	Solid-Core CT
Window Size	Ø 72mm (2.83")
Exterior Dimensions	146.0mm x 156.0mm x 32.0mm 5.75" x 6.14" x 1.26"
Case Material	Epoxy Encapsulated Housing
Lead Wires	2.5m (8ft), Twisted Pair, 18AWG
Operating Temperature	-25°C to 70°C / -13°F to 158°F
Storage Temperature	-40°C to 80°C / -40°F to 176°F
Operating Humidity	<90% RH
Installation Conditions	Indoor Use
ELECTRICAL	
Wire Polarity	White=Positive(X1), Black=Negative(X2)
Phase Orientation	H1 Points Towards Source
Frequency Range	50-60Hz
Burden	2.5-15VA @ 1A, 5A and 10Ω@mA Output
Withstand Voltage	3,000VAC
Insulation Resistance	500V/100MΩ Min
SAFETY/COMPLIANCE	
Rated Voltage	600VAC, Rated CAT III
Certifications	cURus, CE, RoHS, UL Listed UL 2808, CSA 22.2

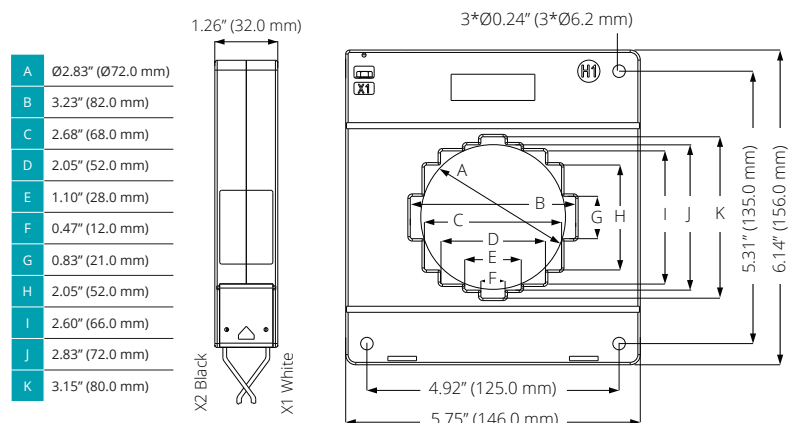


Ideal for mounting to a busbar or a cable, the AcuCT S335 is a solid-core current transformer for permanent installations. Features multiple input and output options in a compact form factor. It provides consistent, reliable measurements across industrial and commercial for general metering applications.

Features

- Accuracy class: 0.2
- Current input options: 500A, 600A, 800A, 1000A, 1200A, 1500A, 2000A, 2500A, 3000A, 3500A
- Choose from five output options: 5A, 1A, 100mA, 80mA, 333mV

Dimensions



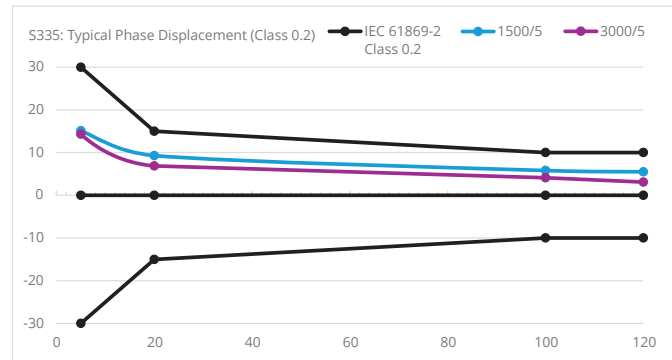
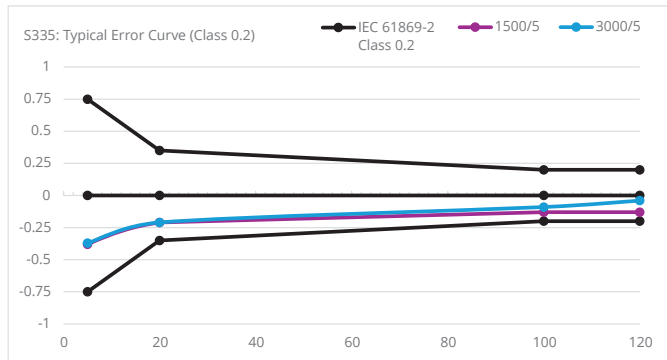
Typical Parameters

MODEL	CURRENT RATIO	ACCURACY	BURDEN / RESISTANCE	LEAD LENGTH
AcuCT-S335-500: 80mA	500/80mA	0.2	10Ω	2.5m
AcuCT-S335-600: 80mA	600/80mA	0.2	10Ω	2.5m
AcuCT-S335-800: 80mA	800/80mA	0.2	10Ω	2.5m
AcuCT-S335-1000: 80mA	1000/80mA	0.2	10Ω	2.5m
AcuCT-S335-1200: 80mA	1200/80mA	0.2	10Ω	2.5m
AcuCT-S335-1500: 80mA	1500/80mA	0.2	10Ω	2.5m
AcuCT-S335-2000: 80mA	2000/80mA	0.2	10Ω	2.5m
AcuCT-S335-2500: 80mA	2500/80mA	0.2	10Ω	2.5m
AcuCT-S335-3000: 80mA	3000/80mA	0.2	10Ω	2.5m
AcuCT-S335-3500: 80mA	3500/80mA	0.2	10Ω	2.5m
AcuCT-S335-500: 100mA	500/100mA	0.2	10Ω	2.5m
AcuCT-S335-600: 100mA	600/100mA	0.2	10Ω	2.5m
AcuCT-S335-800: 100mA	800/100mA	0.2	10Ω	2.5m
AcuCT-S335-1000: 100mA	1000/100mA	0.2	10Ω	2.5m
AcuCT-S335-1200: 100mA	1200/100mA	0.2	10Ω	2.5m
AcuCT-S335-1500: 100mA	1500/100mA	0.2	10Ω	2.5m
AcuCT-S335-2000: 100mA	2000/100mA	0.2	10Ω	2.5m
AcuCT-S335-2500: 100mA	2500/100mA	0.2	10Ω	2.5m
AcuCT-S335-3000: 100mA	3000/100mA	0.2	10Ω	2.5m
AcuCT-S335-3500: 100mA	3500/100mA	0.2	10Ω	2.5m
AcuCT-S335-500: 333mV	500/333mV	0.2		2.5m
AcuCT-S335-600: 333mV	600/333mV	0.2		2.5m
AcuCT-S335-800: 333mV	800/333mV	0.2		2.5m
AcuCT-S335-1000: 333mV	1000/333mV	0.2		2.5m
AcuCT-S335-1200: 333mV	1200/333mV	0.2		2.5m
AcuCT-S335-1500: 333mV	1500/333mV	0.2		2.5m
AcuCT-S335-2000: 333mV	2000/333mV	0.2		2.5m
AcuCT-S335-2500: 333mV	2500/333mV	0.2		2.5m
AcuCT-S335-3000: 333mV	3000/333mV	0.2		2.5m
AcuCT-S335-3500: 333mV	3500/333mV	0.2		2.5m
AcuCT-S335-500: 1A	500/1A	0.2	2.5VA	2.5m
AcuCT-S335-600: 1A	600/1A	0.2	2.5VA	2.5m
AcuCT-S335-800: 1A	800/1A	0.2	3.75VA	2.5m
AcuCT-S335-1000: 1A	1000/1A	0.2	5VA	2.5m
AcuCT-S335-1200: 1A	1200/1A	0.2	5VA	2.5m
AcuCT-S335-1500: 1A	1500/1A	0.2	5VA	2.5m
AcuCT-S335-2000: 1A	2000/1A	0.2	7.5VA	2.5m
AcuCT-S335-2500: 1A	2500/1A	0.2	15VA	2.5m
AcuCT-S335-3000: 1A	3000/1A	0.2	15VA	2.5m
AcuCT-S335-3500: 1A	3500/1A	0.2	15VA	2.5m
AcuCT-S335-500: 5A	500/5A	0.2	2.5VA	2.5m
AcuCT-S335-600: 5A	600/5A	0.2	2.5VA	2.5m
AcuCT-S335-800: 5A	800/5A	0.2	3.75VA	2.5m
AcuCT-S335-1000: 5A	1000/5A	0.2	5VA	2.5m
AcuCT-S335-1200: 5A	1200/5A	0.2	5VA	2.5m

AcuCT-S335-1500: 5A	1500/5A	0.2	5VA	2.5m
AcuCT-S335-2000: 5A	2000/5A	0.2	7.5VA	2.5m
AcuCT-S335-2500: 5A	2500/5A	0.2	15VA	2.5m
AcuCT-S335-3000: 5A	3000/5A	0.2	15VA	2.5m
AcuCT-S335-3500: 5A	3500/5A	0.2	15VA	2.5m

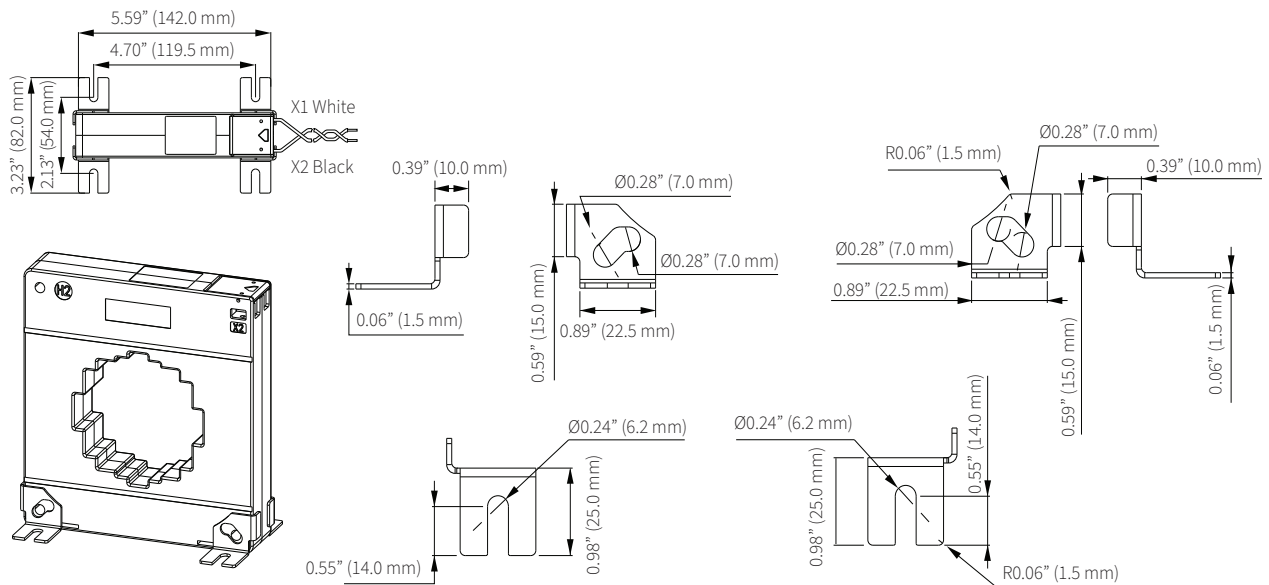
The values in the table are the additional burden values containing 2.5 meters leads.

Accuracy Class 0.2



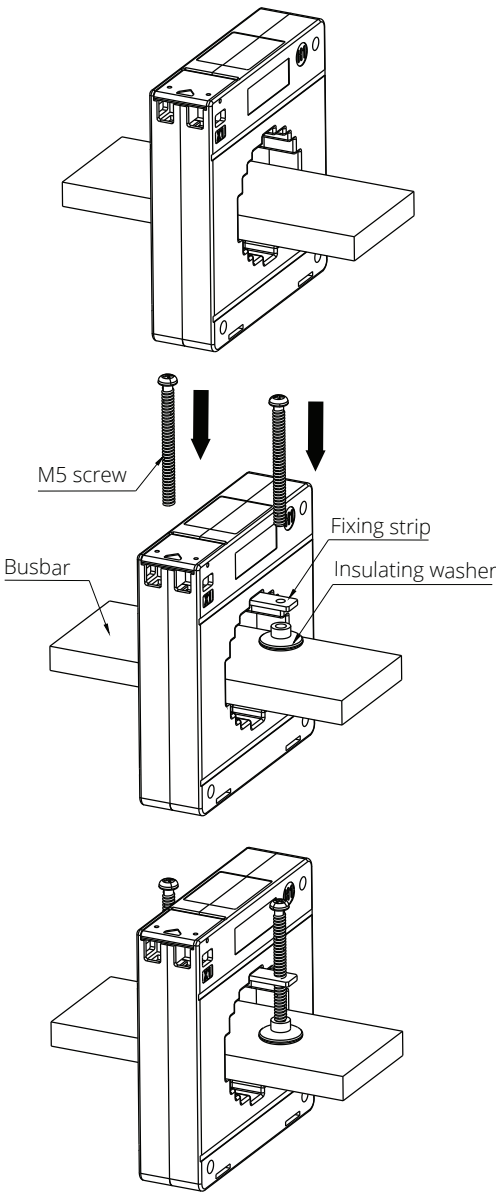
Mounting Brackets Accessory

Mounting accessories are available for AcuCT S series, each mounting kit includes 4 mounting brackets, 2 mounting screws and 2 mounting nuts in the package.

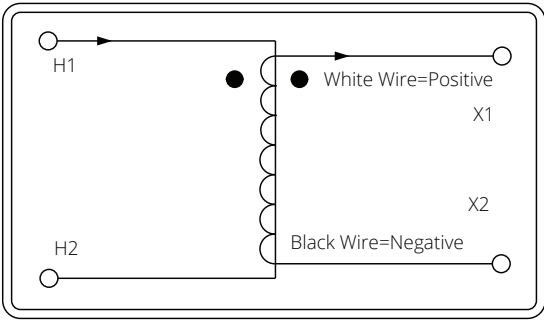


Installation Instructions

- 1. Our AcuCT S series CTs do not include mounting accessories by default. If required, please purchase them separately.
- 2. Mounting accessories are zinc-plated for effective rust protection and are attached to the CT using M6 screws.
 - Screw specification: M6 × 40 mm
 - Nut specification: M6 × 4 mm
 - Recommended tightening torque: 0.5–0.8 N·m



- 3. If the CT needs to be directly mounted on the copper busbar, the busbar mounting method can also be used. First, pre-install the M5 screws into the mounting strips and fit the insulating washers onto the screws. Next, clip the mounting strips into the slots on the CT. Finally, tighten the screws to clamp the CT firmly against the copper busbar, with an appropriate tightening torque of approximately 0.8–1 N·m, based on actual fastening performance.
- 4. The primary busbar/cable is threaded into CT from side H1, with the white wire being positive lead and the black wire being negative lead.



Ordering Information

Model	-	Rated Input	:	Rated Output
AcuCT-S335		500: 500A		5A
		600: 600A		1A
		800: 800A		100mA
		1000: 1000A		80mA
		1200: 1200A		333mV
		1500: 1500A		
		2000: 2000A		
		2500: 2500A		
		3000: 3000A		
		3500: 3500A		

Ordering Example	AcuCT-S335	-	500	:	333mV
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+ Accessory (Optional)

Model	Accessory
ACUBRAC	S2

Ordering Example	ACUBRAC - S2
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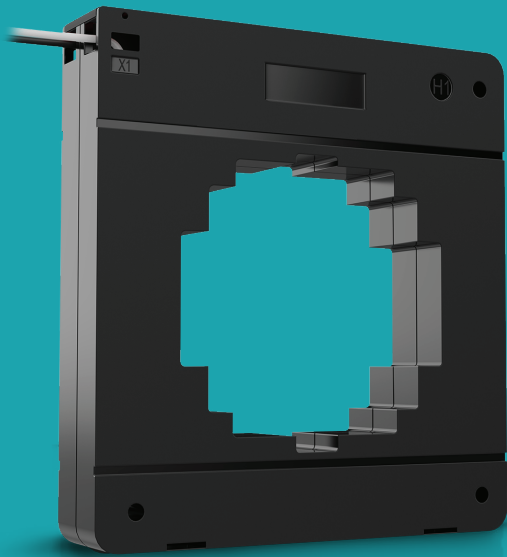


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Revision Date: May 2026 Version: 1.0.6
Specs Subject To Change Without Notice.

AcuCT-S433 Series

Instrument Solid-Core Current Transformer



The AcuCT S433 is used in permanent metering installations with rated outputs for 5A, 1A, 100mA, 80mA, 333mV. It provides consistent, reliable measurements across industrial and commercial for general metering applications.

Features

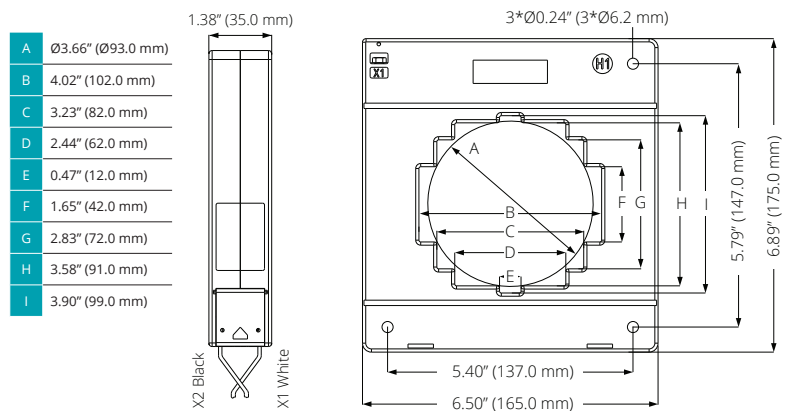
- Accuracy class: 0.2
- Current input options: 800A, 1000A, 1200A, 1500A, 2000A, 2500A, 3000A, 3500A, 4000A
- Choose from five output options: 5A, 1A, 100mA, 80mA, 333mV

ACCUENERGY

Specifications

RATED CURRENT	800A, 1000A, 1200A, 1500A, 2000A, 2500A, 3000A, 3500A, 4000A
Current Range	5%-120% of Rated Current
Output	5A, 1A, 100mA, 80mA, 333mV
Accuracy	IEC 61869-2 Class 0.2
MECHANICAL/ENVIRONMENTAL	
Form Factor	Solid-Core CT
Window Size	Ø 93.0mm (3.66")
Exterior Dimensions	165.0mm x 175.0mm x 35.0mm 6.50" x 6.89" x 1.38"
Case Material	Epoxy Encapsulated Housing
Lead Wires	2.5m (8ft), Twisted Pair, 18AWG
Operating Temperature	-25°C to 70°C / -13°F to 158°F
Storage Temperature	-40°C to 80°C / -40°F to 176°F
Operating Humidity	<90% RH
Installation Conditions	Indoor Use
ELECTRICAL	
Wire Polarity	WWhite=Positive(X1), Black=Negative(X2)
Phase Orientation	H1 Points Towards Source
Frequency Range	50-400Hz
Burden	3.75VA-15VA@1A and 5A, 10Ω@mA Output
Withstand Voltage	3,000VAC
Insulation Resistance	500V/100MΩ Min
SAFETY/COMPLIANCE	
Rated Voltage	600VAC, Rated CAT III
Certifications	cURus, CE, RoHS, UL Listed UL 2808, CSA 22.2

Dimensions

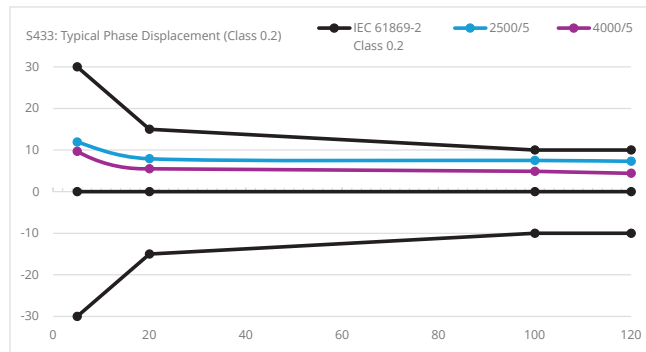
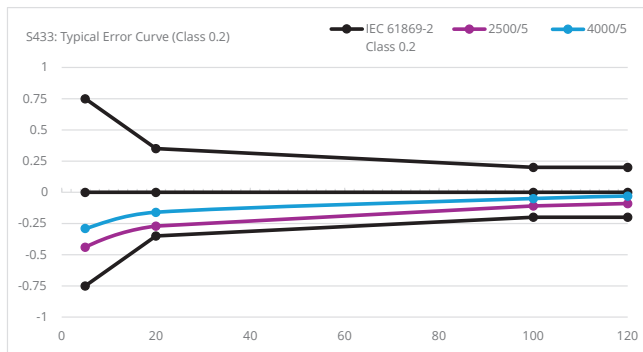


Typical Parameters

MODEL	CURRENT RATIO	ACCURACY	BURDEN / RESISTANCE	LEAD LENGTH
AcuCT-S433-800: 5A	800/5A	0.2	3.75VA	2.5m
AcuCT-S433-1000: 5A	1000/5A	0.2	5VA	2.5m
AcuCT-S433-1200: 5A	1200/5A	0.2	5VA	2.5m
AcuCT-S433-1500: 5A	1500/5A	0.2	5VA	2.5m
AcuCT-S433-2000: 5A	2000/5A	0.2	7.5VA	2.5m
AcuCT-S433-2500: 5A	2500/5A	0.2	15VA	2.5m
AcuCT-S433-3000: 5A	3000/5A	0.2	15VA	2.5m
AcuCT-S433-3500: 5A	3500/5A	0.2	15VA	2.5m
AcuCT-S433-4000: 5A	4000/5A	0.2	15VA	2.5m
AcuCT-S433-800: 1A	800/1A	0.2	3.75VA	2.5m
AcuCT-S433-1000: 1A	1000/1A	0.2	5VA	2.5m
AcuCT-S433-1200: 1A	1200/1A	0.2	5VA	2.5m
AcuCT-S433-1500: 1A	1500/1A	0.2	5VA	2.5m
AcuCT-S433-2000: 1A	2000/1A	0.2	7.5VA	2.5m
AcuCT-S433-2500: 1A	2500/1A	0.2	15VA	2.5m
AcuCT-S433-3000: 1A	3000/1A	0.2	15VA	2.5m
AcuCT-S433-3500: 1A	3500/1A	0.2	15VA	2.5m
AcuCT-S433-4000: 1A	4000/1A	0.2	15VA	2.5m
AcuCT-S433-800: 100mA	800/100mA	0.2	10Ω	2.5m
AcuCT-S433-1000: 100mA	1000/100mA	0.2	10Ω	2.5m
AcuCT-S433-1200: 100mA	1200/100mA	0.2	10Ω	2.5m
AcuCT-S433-1500: 100mA	1500/100mA	0.2	10Ω	2.5m
AcuCT-S433-2000: 100mA	2000/100mA	0.2	10Ω	2.5m
AcuCT-S433-2500: 100mA	2500/100mA	0.2	10Ω	2.5m
AcuCT-S433-3000: 100mA	3000/100mA	0.2	10Ω	2.5m
AcuCT-S433-3500: 100mA	3500/100mA	0.2	10Ω	2.5m
AcuCT-S433-4000: 100mA	4000/100mA	0.2	10Ω	2.5m
AcuCT-S433-800: 80mA	800/80mA	0.2	10Ω	2.5m
AcuCT-S433-1000: 80mA	1000/80mA	0.2	10Ω	2.5m
AcuCT-S433-1200: 80mA	1200/80mA	0.2	10Ω	2.5m
AcuCT-S433-1500: 80mA	1500/80mA	0.2	10Ω	2.5m
AcuCT-S433-2000: 80mA	2000/80mA	0.2	10Ω	2.5m
AcuCT-S433-2500: 80mA	2500/80mA	0.2	10Ω	2.5m
AcuCT-S433-3000: 80mA	3000/80mA	0.2	10Ω	2.5m
AcuCT-S433-3500: 80mA	3500/80mA	0.2	10Ω	2.5m
AcuCT-S433-4000: 80mA	4000/80mA	0.2	10Ω	2.5m
AcuCT-S433-800: 333mV	800/333mV	0.2		2.5m
AcuCT-S433-1000: 333mV	1000/333mV	0.2		2.5m
AcuCT-S433-1200: 333mV	1200/333mV	0.2		2.5m
AcuCT-S433-1500: 333mV	1500/333mV	0.2		2.5m
AcuCT-S433-2000: 333mV	2000/333mV	0.2		2.5m
AcuCT-S433-2500: 333mV	2500/333mV	0.2		2.5m
AcuCT-S433-3000: 333mV	3000/333mV	0.2		2.5m
AcuCT-S433-3500: 333mV	3500/333mV	0.2		2.5m
AcuCT-S433-4000: 333mV	4000/333mV	0.2		2.5m

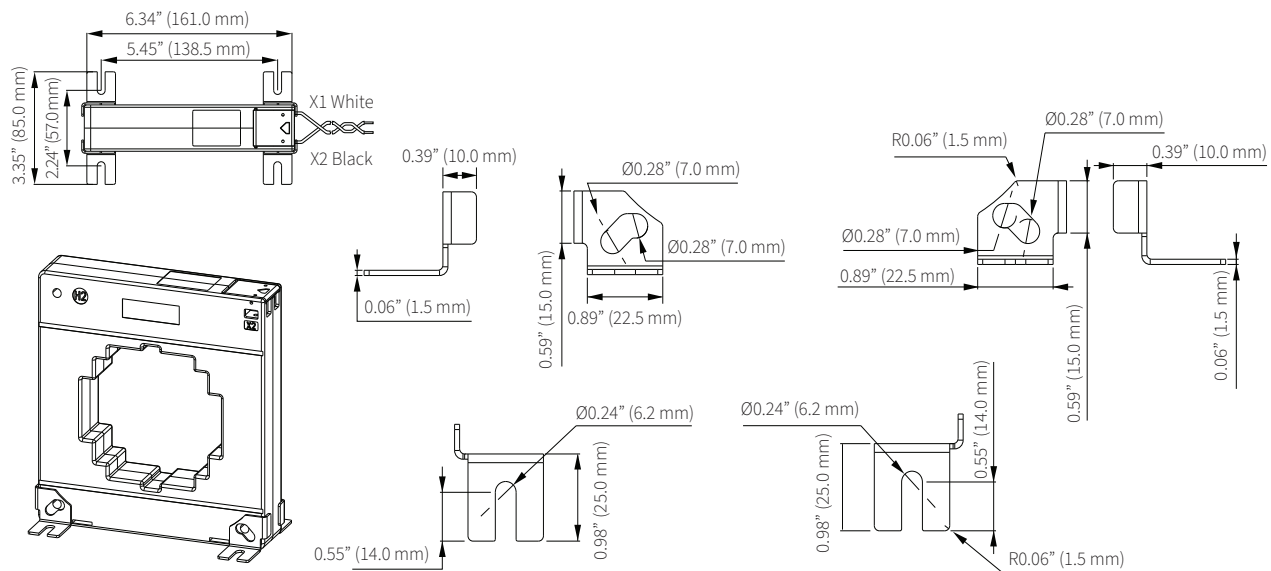
The values in the table are the additional burden values containing 2.5 meters leads.

Accuracy Class 0.2



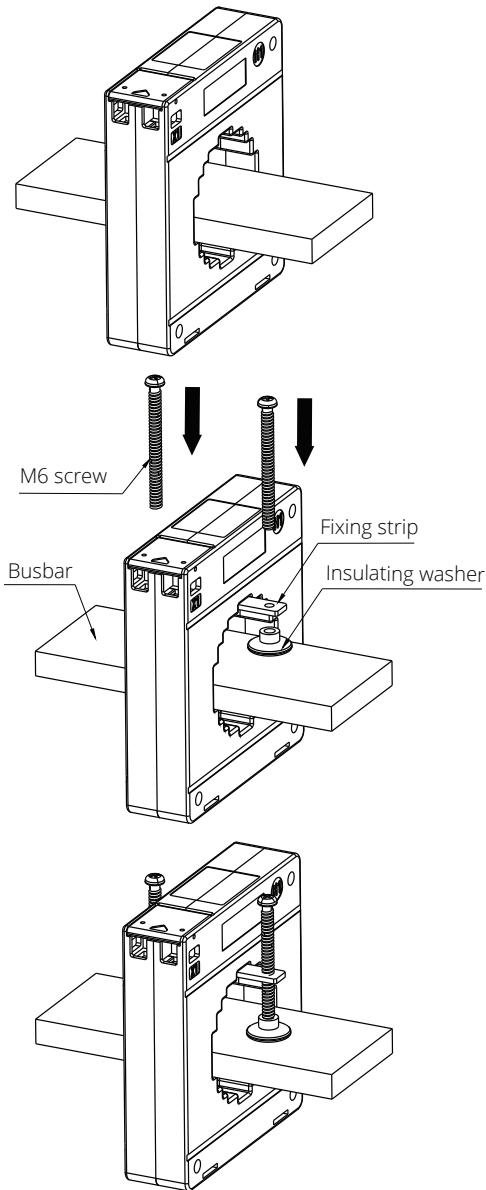
Mounting Brackets Accessory

Mounting accessories are available for AcuCT S series. Each mounting kit includes 4 mounting brackets, 2 mounting screws and 2 mounting nuts in the package.

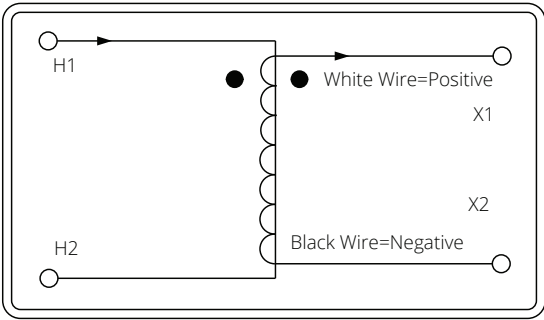


Installation Instructions

- 1. Our AcuCT S series CTs do not include mounting accessories by default. If required, please purchase them separately.
- 2. Mounting accessories are zinc-plated for effective rust protection and are attached to the CT using M6 screws.
 - Screw specification: M6 × 45 mm
 - Nut specification: M6 × 4 mm
 - Recommended tightening torque: 0.5–0.8 N·m



- 3. If the CT needs to be directly mounted on the copper busbar, the busbar mounting method can also be used. First, pre-install the M5 screws into the mounting strips and fit the insulating washers onto the screws. Next, clip the mounting strips into the slots on the CT. Finally, tighten the screws to clamp the CT firmly against the copper busbar, with an appropriate tightening torque of approximately 0.8–1 N·m, based on actual fastening performance.
- 4. The primary cable/busbar is threaded into CT from side H1, with the white wire being positive lead and the black wire being negative lead.



Ordering Information

Model	-	Rated Input	:	Rated Output
AcuCT-S433		800: 800A		5A
		1000: 1000A		1A
		1200: 1200A		100mA
		1500: 1500A		80mA
		2000: 2000A		333mV
		2500: 2500A		
		3000: 3000A		
		3500: 3500A		
		4000: 4000A		

Ordering Example	AcuCT-S433	-	3000	:	333mV
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+ Accessory (Optional)

Model	Accessory
ACUBRAC	S3
Ordering Example	ACUBRAC - S3



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Email: marketing@accuenergy.com

Revision Date: May 2026 Version: 1.0.6
Specs Subject To Change Without Notice.

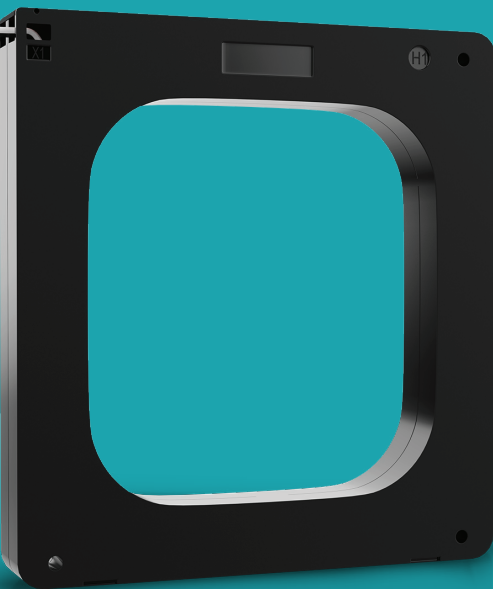
AcuCT-S650 Series

Solid-Core Current Transformer



Specifications

RATED CURRENT	800A, 1000A, 1200A, 1500A, 2000A, 2500A, 3000A, 3500A, 4000A
Current Range	5%-120% of Rated Current
Output	5A, 1A, 100mA, 80mA, 333mV
Accuracy	IEC 61869-2 Class 0.2
MECHANICAL/ENVIRONMENTAL	
Form Factor	Solid-Core CT
Window Size	160.0mm x 160.0mm (6.30" x 6.30")
Exterior Dimensions	220.0mm x 230.0mm x 35.0mm (8.66" x 9.06" x 1.38")
Case Material	Epoxy Encapsulated Housing
Lead Wires	2.5m (8ft), Twisted Pair, 16/18AWG
Operating Temperature	-25°C to 70°C / -13°F to 158°F
Storage Temperature	-40°C to 80°C / -40°F to 176°F
Operating Humidity	<90% RH
Installation Conditions	Indoor Use
ELECTRICAL	
Wire Polarity	White=Positive(X1), Black=Negative(X2)
Phase Orientation	H1 Points Towards Source
Frequency Range	50-60Hz
Burden	3.75-15VA for 1A, 5A and 10Ω@mA Output
Withstand Voltage	3,000VAC
Insulation Resistance	500V/100MΩ Min
SAFETY/COMPLIANCE	
Rated Voltage	600VAC, Rated CAT III
Certifications	cURus, CE, RoHS, UL Listed UL 2808, CSA 22.2

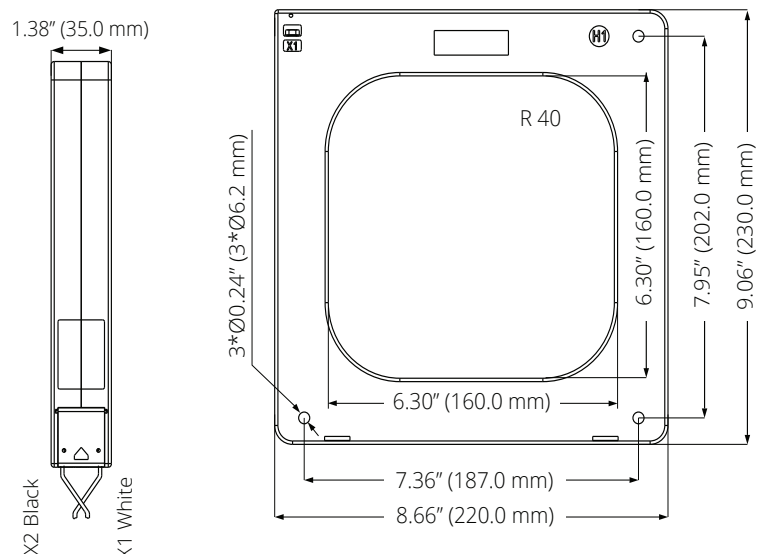


High accuracy solid-core current transformer for permanent installations. The AcuCT S650 features multiple input and output options in a small compact form factor. It provides consistent, reliable measurements across industrial and commercial for general metering applications.

Features

- Accuracy class: 0.2
- Current input options: 800A, 1000A, 1200A, 1500A, 2000A, 2500A, 3000A, 3500A, 4000A
- Choose from five output options: 5A, 1A, 100mA, 80mA, 333mV

Dimensions

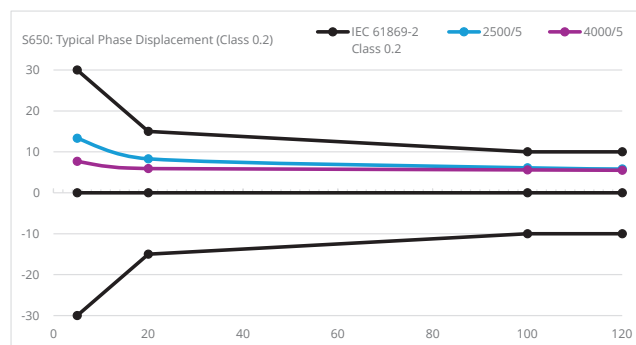
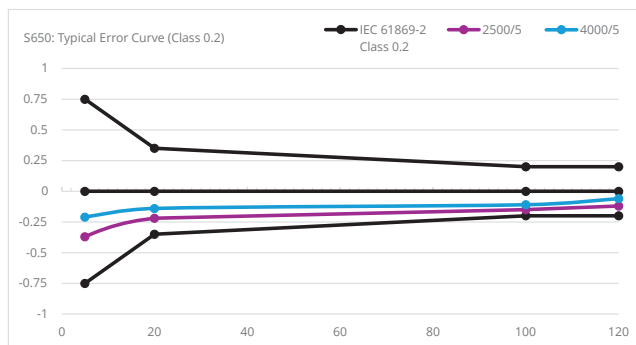


Typical Parameters

MODEL	CURRENT RATIO	ACCURACY	BURDEN / RESISTANCE	LEAD LENGTH
AcuCT-S650-800: 5A	800/5A	0.2	3.75VA	2.5m
AcuCT-S650-1000: 5A	1000/5A	0.2	5VA	2.5m
AcuCT-S650-1200: 5A	1200/5A	0.2	5VA	2.5m
AcuCT-S650-1500: 5A	1500/5A	0.2	5VA	2.5m
AcuCT-S650-2000: 5A	2000/5A	0.2	7.5VA	2.5m
AcuCT-S650-2500: 5A	2500/5A	0.2	15VA	2.5m
AcuCT-S650-3000: 5A	3000/5A	0.2	15VA	2.5m
AcuCT-S650-3500: 5A	3500/5A	0.2	15VA	2.5m
AcuCT-S650-4000: 5A	4000/5A	0.2	15VA	2.5m
AcuCT-S650-800: 1A	800/1A	0.2	3.75VA	2.5m
AcuCT-S650-1000: 1A	1000/1A	0.2	5VA	2.5m
AcuCT-S650-1200: 1A	1200/1A	0.2	5VA	2.5m
AcuCT-S650-1500: 1A	1500/1A	0.2	5VA	2.5m
AcuCT-S650-2000: 1A	2000/1A	0.2	7.5VA	2.5m
AcuCT-S650-2500: 1A	2500/1A	0.2	15VA	2.5m
AcuCT-S650-3000: 1A	3000/1A	0.2	15VA	2.5m
AcuCT-S650-3500: 1A	3500/1A	0.2	15VA	2.5m
AcuCT-S650-4000: 1A	4000/1A	0.2	15VA	2.5m
AcuCT-S650-1000: 100mA	1000/100mA	0.2	10Ω	2.5m
AcuCT-S650-1200: 100mA	1200/100mA	0.2	10Ω	2.5m
AcuCT-S650-1500: 100mA	1500/100mA	0.2	10Ω	2.5m
AcuCT-S650-2000: 100mA	2000/100mA	0.2	10Ω	2.5m
AcuCT-S650-2500: 100mA	2500/100mA	0.2	10Ω	2.5m
AcuCT-S650-3000: 100mA	3000/100mA	0.2	10Ω	2.5m
AcuCT-S650-3500: 100mA	3500/100mA	0.2	10Ω	2.5m
AcuCT-S650-4000: 100mA	4000/100mA	0.2	10Ω	2.5m
AcuCT-S650-800: 80mA	800/80mA	0.2	10Ω	2.5m
AcuCT-S650-1000: 80mA	1000/80mA	0.2	10Ω	2.5m
AcuCT-S650-1200: 80mA	1200/80mA	0.2	10Ω	2.5m
AcuCT-S650-1500: 80mA	1500/80mA	0.2	10Ω	2.5m
AcuCT-S650-2000: 80mA	2000/80mA	0.2	10Ω	2.5m
AcuCT-S650-2500: 80mA	2500/80mA	0.2	10Ω	2.5m
AcuCT-S650-3000: 80mA	3000/80mA	0.2	10Ω	2.5m
AcuCT-S650-3500: 80mA	3500/80mA	0.2	10Ω	2.5m
AcuCT-S650-4000: 80mA	4000/80mA	0.2	10Ω	2.5m
AcuCT-S650-800: 100mA	800/100mA	0.2	10Ω	2.5m
AcuCT-S650-800: 333mV	800/333mV	0.2		2.5m
AcuCT-S650-1000: 333mV	1000/333mV	0.2		2.5m
AcuCT-S650-1200: 333mV	1200/333mV	0.2		2.5m
AcuCT-S650-1500: 333mV	1500/333mV	0.2		2.5m
AcuCT-S650-2000: 333mV	2000/333mV	0.2		2.5m
AcuCT-S650-2500: 333mV	2500/333mV	0.2		2.5m
AcuCT-S650-3000: 333mV	3000/333mV	0.2		2.5m
AcuCT-S650-3500: 333mV	3500/333mV	0.2		2.5m
AcuCT-S650-4000: 333mV	4000/333mV	0.2		2.5m

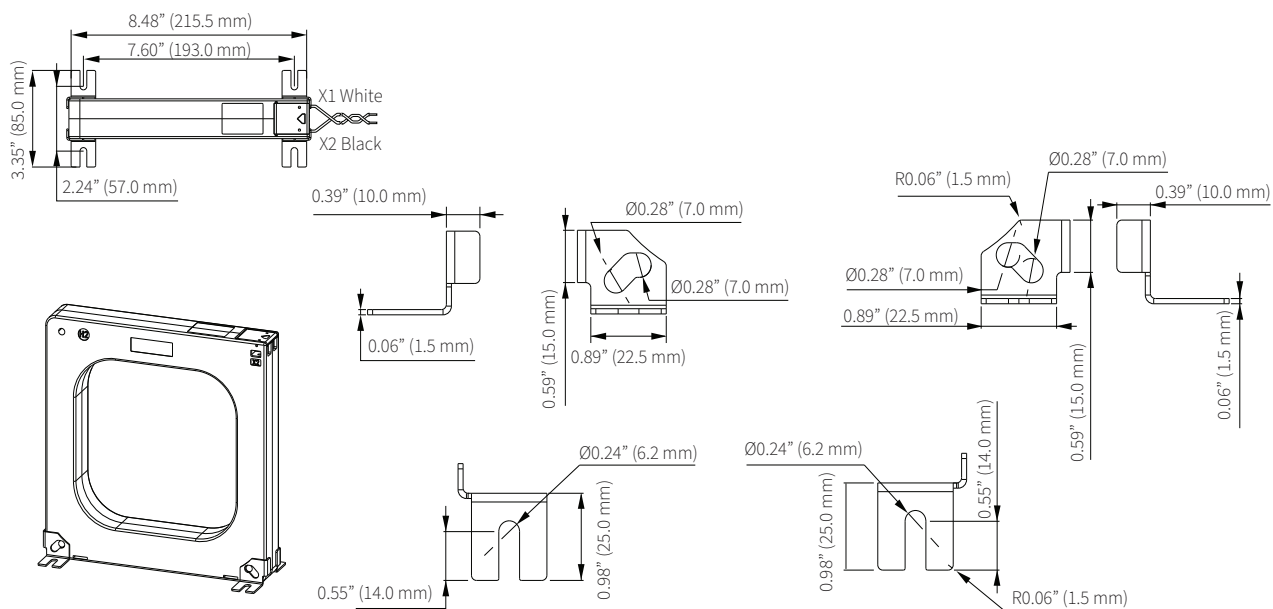
The values in the table are the additional burden values containing 2.5 meters leads.

Accuracy Class 0.2



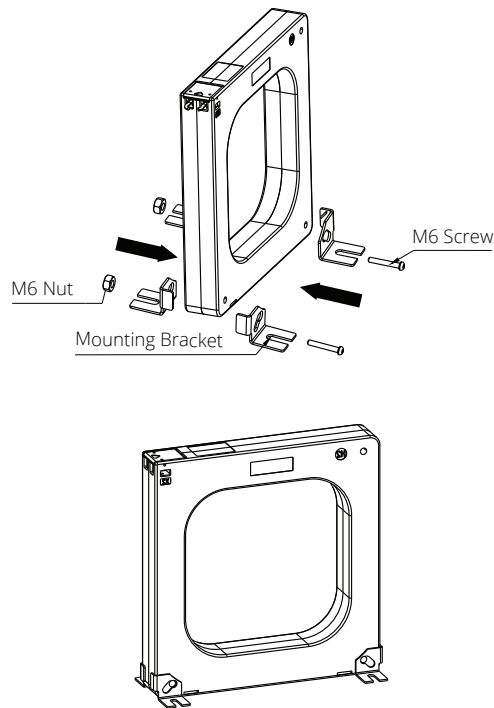
Mounting Brackets Accessory

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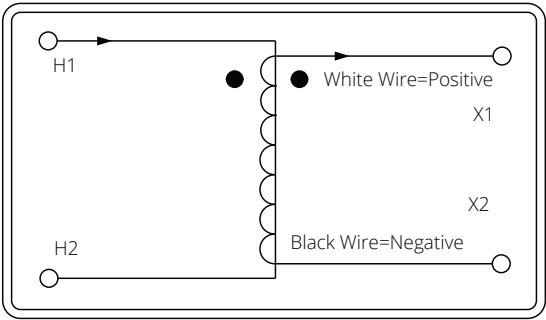


Installation Instructions

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- 2. Mounting accessories are zinc-plated for effective rust protection and are attached to the CT using M6 screws.
 - Screw specification: M6 × 45 mm
 - Nut specification: M6 × 4 mm
 - Recommended tightening torque: 0.5–0.8 N·m



- 3. The primary cable/busbar is threaded into CT from side H1, with the white wire being positive lead and the black wire being negative lead.



Ordering Information

Model	-	Rated Input	:	Rated Output
AcuCT-S650		800: 800A		5A
		1000: 1000A		1A
		1200: 1200A		100mA
		1500: 1500A		80mA
		2000: 2000A		333mV
		2500: 2500A		
		3000: 3000A		
		3500: 3500A		
		4000: 4000A		

Ordering Example	AcuCT-S650	-	3500	:	333mV
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+ Accessory (Optional)					
Model			Accessory		
ACUBRAC			S3		
Ordering Example			ACUBRAC - S3		



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Specs Subject To Change Without Notice.