



sifam tinsley
PRECISION INSTRUMENTATION



Multifunction Meters

Transducers & Isolators

Temperature Controllers

Converters & Recorders

Digital Panel Meters

Current Transformers

Analogue Panel Meters

Shunts

Digital Multimeters

Clamp Meters

Insulation Testers

CURRENT TRANSFORMERS

Powered by technology
...driven by service

Compact Split Core

Compact series of split core transformers current transformers offering a cost effective and efficient method by which the current can be measured without the need to break the conductor, thereby reducing installation and commissioning time. Supplied with up to 3 metres of cable for secondary current connections and with integrated shorting links.

Specifications

- Compliant with EN 60044-1 / IEC 61869-1
- Thermal nominal continuous rated current: - 1.2 x In
- Thermal nominal short time current: - 60 x In, 1 Sec.
- Maximum Operating Voltage: - 0.72 kV
- Rated Frequency: - 50 Hz or 60 Hz
- Insulation Test Voltage: - 3 kV, 1 Min.
- Insulation Class: - E
- Ambient temperature range: -20 to +65
- Storage temperature range: -30 to +70
- Ratios ranging from 60/1 to 500/5
- Suitable only for mounting on insulated primary conductor
- To be used in weather protected & dry location
- Accuracy Class of 1 & 3 *
- Optional 333mV (0.333V) AC secondary output at rated current



Features

- Hinged Split Core
- Swing open for ease of installation
- Compact size
- Two options for Bus Bar Mounting
- Cable Tie provision for faster installation
- Safety Plug in shorting link
- Available with M4 Size Terminals
- Secondary cable provided with 3 Meter wire for 1A Output
- 1 Meter wire for 5A Output
- Wide range of system current ratings
- Assured Core contact with Latching Type Snap fitment
- Vibration Resistant Design
- Optional 333mV (0.333V) AC secondary output at rated current

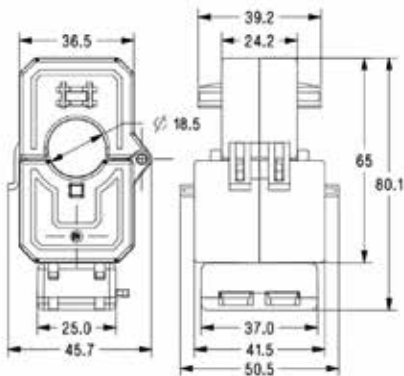
Compact Split Core

Compact Split Core Current Transformers (62mm wide x 56.2mm deep x height 110mm. ID 18.5mm)

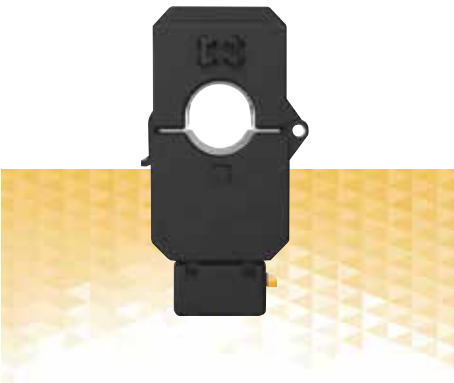
Cat No.	Ratio	VA at CL3
XCS1-0810935S000	60/1A	0.4VA
XCS1-0211123S000	75/1A	0.5VA
XCS1-0911235S000	80/1A	0.5VA
XCS1-0310135S000	100/1A	1VA
XCS1-0410135S000	125/1A	1VA
XCS1-0510135S000	150/1A	1VA
XCS1-0950835S000	80/5A	0.2VA
XCS1-0350835S000	100/5A	0.2VA
XCS1-0451135S000	125/1A	0.3VA
XCS1-0551235S000	150/5A	0.5VA

Cat No.	Ratio	VA at CL3
XCS1-083NA35S000	60/333mV	333mV
XCS1-023NA35S000	75/333mV	333mV
XCS1-093NA35S000	80/333mV	333mV
XCS1-033NA35S000	100/333mV	333mV
XCS1-043NA35S000	125/333mV	333mV
XCS1-053NA35S000	150/333mV	333mV

Dimensions



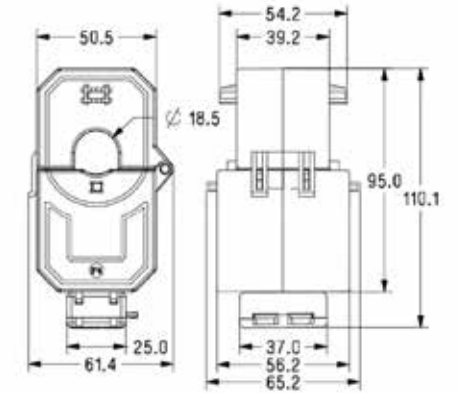
Compact Split Core 36-18



Compact Split Core
50-18



Dimensions



Features given vary from product to product
-for more detailed product specific info please
visit our website www.sifamtinsley.co.uk

Compact Split Core Current Transformers
(62mm wide x 56.2mm deep x height 110mm. ID 18.5mm)

Cat No.	Ratio	VA at CL0.5	VA at CL1	VA at CL3
XCS2-0310935S00000	100/1A	-	-	1VA
XCS2-0410935S00000	125/1A	-	-	1VA
XCS2-0510935S00000	150/1A	-	-	1VA
XCS2-1510935S00000	160/1A	-	-	1VA
XCS2-061035S000000	200/1A	-	-	1.5VA
XCS2-0710235S00000	250/1A	-	-	2VA
XCS2-0811135S00000	300/1A	-	-	3.75VA
XCS2-0310415S00000	100/1A	-	0.3VA	-
XCS2-0410815S00000	125/1A	-	0.5VA	-
XCS2-0510915S00000	150/1A	-	1VA	-
XCS2-1510915S00000	160/1A	-	1VA	-
XCS2-0610315S00000	200/1A	-	1.5VA	-
XCS2-0710215S00000	250/1A	-	2VA	-
XCS2-0811115S00000	300/1A	-	3.75VA	-
XCS2-0611055S00000	200/1A	0.2VA	-	-
XCS2-0710155S00000	250/1A	0.5VA	-	-
XCS2-0810955S00000	300/1A	1VA	-	-
XCS2-0350935S00000	100/5A	-	-	1VA
XCS2-0450935S00000	125/5A	-	-	1VA
XCS2-0550935S00000	150/5A	-	-	1VA
XCS2-1550935S00000	160/5A	-	-	1VA
XCS2-065035S000000	200/5A	-	-	1.5VA
XCS2-0750235S00000	250/5A	-	-	2VA
XCS2-0851135S00000	300/5A	-	-	3.75VA
XCS2-0350115S00000T	100/5A	-	0.5VA	-
XCS2-0450115S00000	125/5A	-	0.5VA	-
XCS2-0550915S00000	150/5A	-	1VA	-
XCS2-1550915S00000	160/5A	-	1VA	-
XCS2-0650315S00000	200/5A	-	1.5VA	-
XCS2-0750215S00000	250/5A	-	2VA	-
XCS2-0851115S00000	300/5A	-	3.75VA	-
XCS2-0750155S00000	250/5A	0.5VA	-	-
XCS2-0850955S00000	300/5A	1VA	-	-
XCS2-033NA15S00000	100/333mV	-	333mV	-
XCS2-043NA15S00000	125/333mV	-	333mV	-
XCS2-053NA15S00000	150/333mV	-	333mV	-
XCS2-153NA15S00000	160/333mV	-	333mV	-
XCS2-063NA15S00000	200/333mV	-	333mV	-
XCS2-073NA15S00000	250/333mV	-	333mV	-
XCS2-083NA15S00000	300/333mV	-	333mV	-

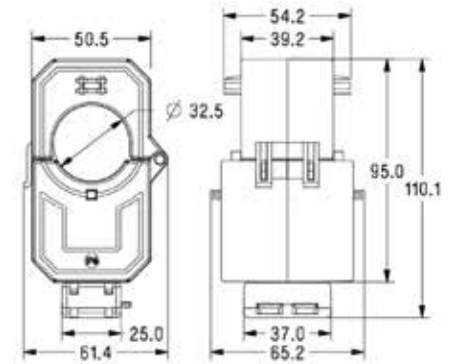
Compact Split Core Current Transformers
(62mm wide x 56.2mm deep x height 110mm. ID 32.5mm)

Cat No.	Ratio	VA at CL0.5	VA at CL1	VA at CL3
XCS3-2010235S00000	125/1A	-	-	0.2VA
XCS3-1710735S00000	150/1A	-	-	0.4VA
XCS3-2110735S00000	160/1A	-	-	0.4VA
XCS3-1510435S00000	200/1A	-	-	0.5VA
XCS3-0710435S00000	250/1A	-	-	0.5VA
XCS3-0810135S00000	300/1A	-	-	1.0VA
XCS3-0910335S00000	400/1A	-	-	1.5VA
XCS3-1010635S00000	500/1A	-	-	1.75VA
XCS3-1110535S00000	600/1A	-	-	2.5VA
XCS3-1510215S00000	200/1A	-	0.2VA	-
XCS3-071045S000000	250/1A	-	0.5VA	-
XCS3-0810115S00000	300/1A	-	1.0VA	-
XCS3-0910315S00000	400/1A	-	1.5VA	-
XCS3-1010615S00000	500/1A	-	1.75VA	-
XCS3-111051S000000	600/1A	-	2.5VA	-
XCS3-0910455S000000	400/1A	0.5VA	-	-
XCS3-1010155S000000	500/1A	1.0VA	-	-
XCS3-1110155S000000	600/1A	1.0VA	-	-
XCS3-1850235S00000	100/5A	-	-	0.2VA
XCS3-2050235S00000	125/5A	-	-	0.2VA
XCS3-1750735S00000	150/5A	-	-	0.4VA
XCS3-2150735S00000	160/5A	-	-	0.4VA
XCS3-1550435S00000	200/5A	-	-	0.5VA
XCS3-0750435S00000	250/5A	-	-	0.5VA
XCS3-0850135S00000	300/5A	-	-	1.0VA
XCS3-0950335S00000	400/5A	-	-	1.5VA
XCS3-1050635S00000	500/5A	-	-	1.75VA
XCS3-1150535S00000	600/5A	-	-	2.5VA
XCS3-1550215S00000	200/5A	-	0.2VA	-
XCS3-0750415S00000	250/5A	-	0.5VA	-
XCS3-0850115S00000	300/5A	-	1.0VA	-
XCS3-0950315S00000	400/5A	-	1.5VA	-
XCS3-1050615S00000	500/5A	-	1.75VA	-
XCS3-1150515S00000	600/1A	-	2.5VA	-
XCS3-0950455S000000	400/5A	0.5VA	-	-
XCS3-1050155S000000	500/5A	1.0VA	-	-
XCS3-1150155S000000	600/5A	1.0VA	-	-
XCS3-153NA35S00000	200/333mV	-	-	333mV
XCS3-073NA15S00000	250/333mV	-	333mV	-
XCS3-083NA15S00000	300/333mV	-	333mV	-
XCS3-093NA15S00000	400/333mV	-	333mV	-
XCS3-103NA15S00000	500/333mV	-	333mV	-
XCS3-113NA15S00000	600/333mV	-	333mV	-

Compact Split Core
50-32



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Approvals



Sifam Tinsley Instrumentation Ltd

1 Warner Drive
Springwood Industrial Estate
Braintree, Essex
CM7 2YW

www.sifamtinsley.co.uk

Tel: 01376 335271
E-mail: sales@sifamtinsley.co.uk