

Analog Current Transducers

0-5VDC, 0-10VDC, 4-20mA outputs
Multiple selectable range split-cores
Optional command relay
Fixed range on solid-cores

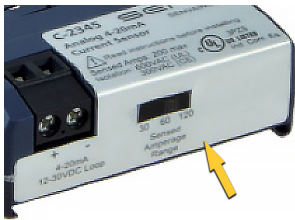


DESCRIPTION

Senva analog transducers measure AC current and provide a proportional output for load trending and control. Choose from easy to install split-core or compact solid core. Selectable ranges and optional command relay make for a versatile transducer.

APPLICATIONS

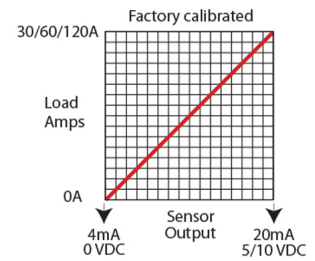
- Load trending
- Motor control
- Process control
- Fan/Pump status
- Motor load jamming
- Lighting load levels



Selectable ranges reduce inventory and minimize callbacks.



Optional CR command relay for stop/start/status in a single labor saving device.



Factory calibrated



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FEATURES

- Selectable ranges (30, 60, 120A or 5, 10, 20A) C-234X makes scaling easy, reduces call-backs and inventory
- 0-5VDC, 0-10VDC, 4-20mA loop powered versions for control compatibility
- Superior split-core design for easy installation, mount sensor without removing conductor for installation savings
- Clamp on conductor with iris or use detachable base to screw or DIN mount
- Larger 0.75" aperture accommodates oversized conductors
- Snap-on command relay for unitary start/stop/status... saves time and space
- Industry leading 7 year limited warranty

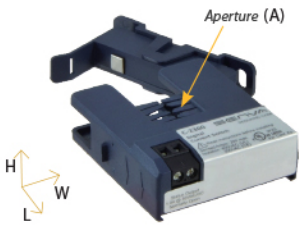
ORDERING

SPLIT CORE	Range (Amps)	Max Amps	N.O. Output
C-2300	0.35A	200A	1.0A@30VAC/DC
C-2300HV	0.35A	100A	0.2A@120VAC
SPLIT CORE - MINI			
C-2200	0.50A	50A	1.0A@30VAC/DC
SOLID CORE			
C-1300	0.25A	50A	1.0A@30VAC/DC
SOLID CORE - MINI			
C-1200	0.25A	50A	1.0A@30VAC/DC
C-1200HV	0.25A	50A	0.2A@120VAC
C-1200HV-240V	0.25A	50A	1.0A@240VAC
COMMAND RELAY - DIRECT MOUNT (MOUNTS ON ALL 2300 SERIES CURRENT DEVICES)			
	Contact rating	Coil	
CR3-24	N.O. 10A @ 125VAC	24VAC/DC 15mA nominal	
CR4-24	N.C. 10A @ 125VAC	24VAC/DC 15mA nominal	
CR3-12	N.O. 10A @ 125VAC	9-12VDC 30mA nominal	
CR4-12	N.C. 10A @ 125VAC	9-12VDC 30mA nominal	

Other coil voltages available—consult factory

DIMENSIONS

SPLIT CORE
C-2300



L: 2.5" H: 0.57" W: 2.23"
A: 0.75"x. 0.75"

- Mount sensor without removing conductor for installation savings
- Clamp on conductor with iris, or use detachable base to screw or DIN mount
- Larger 0.75" aperture accommodates oversized conductors

OPTIONAL RELAY



L: 0.84" H: .72" W: 2.06"

- Add to 2300 series to get start/stop/status in a single device
- Reduces the number of installed components... saves time and space
- Removable relay facilitates service

SPLIT CORE - MINI
C-2200



L: 2.00" H: .75" W: 1.75"
A: .0.40"x 0.32"

- Mount sensor without removing conductor for installation savings
- Fits in small enclosures
- Clamp on conductor with iris, or screw mount detachable base

SOLID CORE
C-1300



L: 2.27" H: 1.04" W: 1.6"
A: 0.52" diameter

- Compact design
- Aperture accommodates spade terminals

SOLID CORE - MINI
C-1200



L: 1.78" H: .88" W: 1.31"
A: 0.30" diameter

- Super small—fits anywhere
- Low cost



Warning: The datasheet is designed for reference only. Refer to installation instructions that accompany the product and heed all safety instructions. Product improvement is a continuing process at Senva. Changes may occur to products without prior notice

SPECIFICATIONS			
ORDERING INFORMATION			
Split Core	Range A	Output	Sensor Power
C-2343	30A, 60A, 120A Selectable	0 - 5 VDC	Induced
C-2344		0 - 10 VDC	Induced
C-2345		4 - 20mA	Loop- powered, 12-30 VDC
C-2343L	5A, 10A, 20A Selectable	0 - 5 VDC	Induced
C-2345L	5A, 10A, 20A Selectable	4-20mA	Loop- powered, 12-30 VDC
Solid Core - Mini	Range A	Output	Sensor Power
C-1203	15 A	0 - 5 VDC	Induced
C-1203-L	5 A	0 - 5 VDC	Induced
C-1205	15 A	4 - 20mA	Loop- powered, 12-30 VDC
Command Relay	Contact rating	Coil	
CR3-24	N.O. 10A@125VAC	24VAC/DC, 15mA nom.	
CR4-24	N.C. 10A@125VAC	24VAC/DC, 15mA nom.	
CR3-12	N.O. 10A@125VAC	9-12VDC, 30mA nom.	
CR4-12	N.C. 10A@125VAC	9-12VDC, 30mA nom.	

Specifications	
Temperature Rating	-15-60 ° C
Insulation Class	600V RMS. For use on insulated conductors only! Use minimum 75 ° C insulated conductor
Frequency Range	50/60Hz

* Product improvement is a continual process as Senva and product features and specification may change without prior notice. Refer to instructions that accompany the product for installation and wiring.