
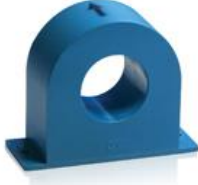



High Accuracy Current Sensors

ORDER STRING (Catalog no.)	CS05S / RS5 (HX0140)	CS1 (EL0072)	CS1L (EL0115)	CS1S (HX0118/HX0129)
				
RATING	10A	100A	100A	100A
WINDOW	Ø 16mm / 0.62"	Ø 12mm / 0.47"	Ø 23mm / 0.9"	Ø 16mm / 0.63"
CORE	Split	Solid	Solid	Split
ACCURACY	0.5%	0.1%	0.1%	0.5%
BURDEN	0.2 VA	0.2 VA	0.2 VA	0.2 VA
APPROX. WEIGHT	98.2g / 0.22 lbs	156.4g / 0.34 lbs	206.3g / 0.45 lbs	103.4g / 0.23 lbs

ORDER STRING (Catalog no.)	CS2S (HX0145)	CS2SL (HX0143)	CS4 (EL0117)	CS4S (HX0139)
				
RATING	200A	200A	400A	400A
WINDOW	24.5x23.1mm / 0.96x0.9"	43.2x33mm / 1.7x1.3"	Ø 26mm / 1.02"	43.2x33mm / 1.7x1.3"
ACCURACY	0.5%	0.5%	0.1%	0.5%
CORE	Split	Split	Solid	Split
BURDEN	0.2 VA	0.2 VA	0.2 VA	0.2 VA
APPROX. WEIGHT	160g / 0.34 lbs	460g / 1lbs	214g / 0.47 lbs	460g / 1lbs

ORDER STRING (Catalog no.)	CS8 (EL0125)	CS8S (HX0138)	CS12S (HX0137)
			
RATING	800A	800A	1200A
WINDOW	100x32mm / 4x1.28"	50x80mm / 1.9x3.1"	121x80mm / 4.7x3.1"
ACCURACY	0.1%	0.5%	0.5%
CORE	Solid	Split	Split
BURDEN	0.2 VA	0.2 VA	0.2 VA
APPROX. WEIGHT	525g / 1.16lbs	1.0kg / 2.2 lbs	1.5kg / 3.3 lbs

Technical Specifications

Frequency	50/60Hz
Lead Insulation	600V AC
Core Insulation	4000V AC
Lead Length	2.5m / 8.2ft (UL1015)
Operation Temperature	-40°C to +70°C
Storage Temperature	-40°C to +85°C
Material	All materials are UL approved
Standard	IEC 60044-1

Installation Recommendations

The HACS can be installed up to 200m (670 ft) away from the current inputs SATEC meters by using extension cable

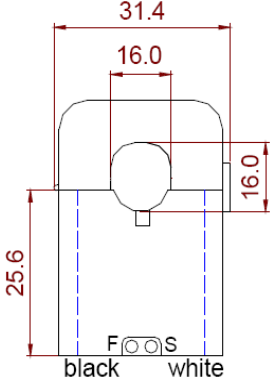
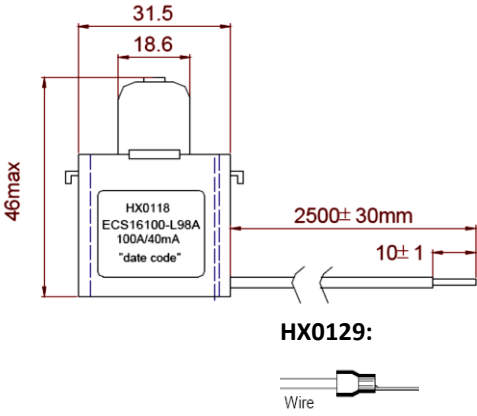

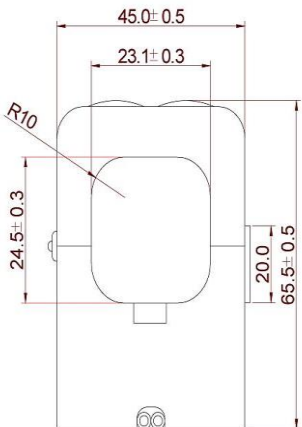
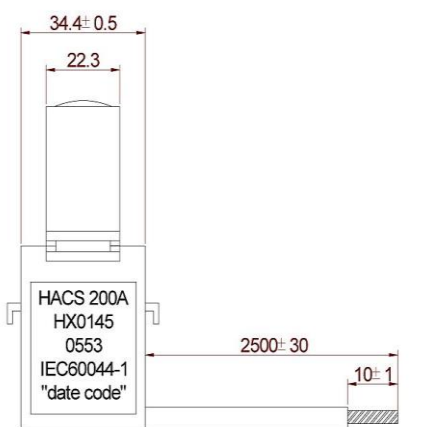
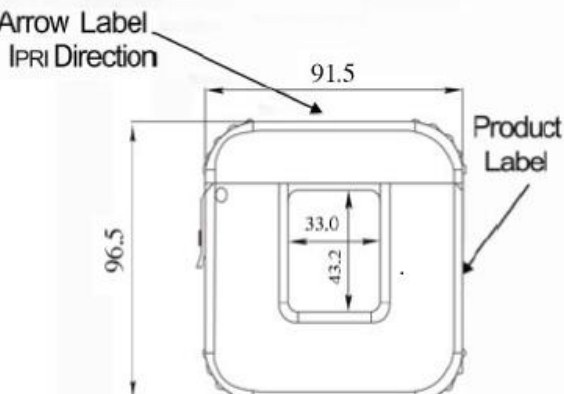
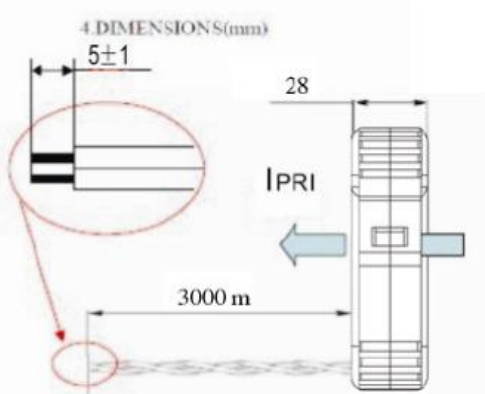
The recommended wire gauge must be $> 1.5 \text{ mm}^2$

It is recommended to use a shielded extension cable to connect between the HACS and the SATEC meter. The cable shield must be connected to the SATEC meter ground

It is recommended to locate HACS cable in separate cable conduit and at least 1m (3ft) away from High Voltage circuits

CT Dimensions

Order String	Front View	Side View
<p>CS05S RS5</p>		<p>Left View</p>
<p>CS1</p>		<p>Left View</p>
<p>CS1L</p>		<p>Left View</p>

Order String	Front View	Side View
<p>CS1S</p>		 <p>HX0129:</p> 
<p>CS2S</p>		<p>Left View</p>  <p>UL1015 22AWG PVC WIRE(600V)</p>
<p>CS2SL CS4S</p>		 <p>4-DIMENSIONS(mm)</p>

Order String	Front View	Side View
CS4		
CS8		
CS8S		

Order String	Front View	Side View
CS12S		
		Top View