



Automation Components, Inc.



CURRENT SENSOR/SWITCH DESIGN REVISION CHART

A/SCTA-50	SWITCH PART	#	TRIP POINT	OUTPUT RATING	DESCRIPTION
A/CSX	OLD	NEW	OLD NEW	OLD NEW	
A/CSX	A/CS	A/CS2	0.5A 0.25A	0.3A @ 200VAC/VDC	Fixed Trip (Solid-Core)
NCSYL	A/CSX	A/CSX2			
ASCS					
A/SCSX A/SCSX2 2.5A 1.5A 0.15 @ 300VAC/VDC 0.2A @ 200VAC/VDC Fixed Normally Closed Trip (Split-Core) A/SCS-1 A/SCS2-1 1.5A 0.5A 0.3A @ 200VAC/VDC 0.2A @ 200VAC/VDC A/SCS2 1.0A 0.5A 0.3A @ 200VAC/VDC 0.2A @ 200VAC/VDC A/SCS2 1.0A 0.5A 0.35 @ 300VAC/VDC 0.2A @ 200VAC/VDC A/SCS2 1.0A 0.5A 0.35 @ 300VAC/VDC 0.2A @ 200VAC/VDC A/SCS2 A/ASCS2 1.0A 0.5A 0.3A @ 200VAC/VDC 0.2A @ 200VAC/VDC A/SUSABLE Trip (Split-Core) A/SCS2 1.0A 0.5A 0.3A @ 200VAC/VDC 0.2A @ 200VAC/VDC A/SUSABLE Trip (Split-Core) A/SCS2 1.0A 0.5A 0.3A @ 200VAC/VDC 0.2A @ 200VAC/VDC A/SUSABLE Trip (Split-Core) A/SCS2 1.0A 0.5A 0.3A @ 200VAC/VDC 0.2A @ 200VAC/VDC A/SUSABLE Trip (Split-Core) A/SCS2 1.0A 0.5A 0.3A @ 200VAC/VDC 0.2A @ 200VAC/VDC A/SUSABLE Trip (Split-Core) A/SCS2 1.0A 0.5A 0.3A @ 200VAC/VDC 0.2A @ 200VAC/VDC A/SUSABLE Trip (Split-Core) A/SCS2 1.0A 0.5A 0.3A @ 200VAC/VDC 0.2A @ 200VAC/VDC A/SUSABLE Trip (Split-Core) A/SCS2 1.0A 0.5A 0.3A @ 200VAC/VDC 0.2A @ 200VAC/VDC A/SUSABLE Trip (Split-Core) A/SCS2 1.0A 0.5A 0.5A 0.3A @ 200VAC/VDC 0.2A @ 200VAC/VDC A/SUSABLE Trip (Split-Core) A/SCS2 1.0A 0.5A 0.5A 0.5A 0.5A 0.5A 0.5A 0.5A 0	A/CSX-L		0.5A	**DISCONTINUED**	
A/SCSX	A/SCS	A/SCS2	2.5A 1.5A	0.3A @ 200VAC/VDC	Fixed Trip (Split-Core)
NACS	A/SCSX	A/SCSX2	2.5A 1.5A	0.15 @ 300VAC/VDC	,
NACSX A/ACSX2 1.0A 0.5A 0.15 @ 300VAC/VDC 0.2A @ 200VAC/VDC Adjustable Normally Closed Trip (Solid-Core)	A/SCS-L	A/SCS2-L	1.5A 0.5A	0.3A @ 200VAC/VDC	Fixed Low Trip (Split-Core)
VACSX	\/ACS	A/ACS2	1.0A 0.5A	0.3A @ 200VAC/VDC	Adjustable Trip (Solid-Core)
VACS-L VASCS	\/ACSX	A/ACSX2		0.15 @ 300VAC/VDC	
A/SCSX	\/ACS-L		0.5A		
A/SCSX	\/ASCS	A/ASCS2	3.0A 1.5A	0.3A @ 200VAC/VDC	Adjustable Trip (Split-Core)
NASCS-L A/ASCS-L 2.0A 0.6A 0.3A @ 200VAC/VDC 0.2A @ 200VAC/VDC Adjustable Low Trip (Split-Core)	\/ASCSX	A/ASCSX2	3.0A 1.5A	0.3A @ 200VAC/VDC	
NALOG SENSOR PART # DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION DESCRIPTION A/CTA-5 A/CTA-5 A/CTA-5 A/CTA-5 A/SCTA-5 A/SCTA-5 A/SCTA-5 A/SCTA-5 A/SCTA-5 A/CTA-50 A/CTA-50 A/CTA-50 A/CTA-50 A/CTA-50 A/CTA-2-50 A-20mA Out (Split-Core) 0 to 5 A A/CTA-2-50 A-20mA Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 4-20mA Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 4-20mA Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 4-20mA Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 4-20mA Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 4-20mA Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 4-20mA Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 4-20mA Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 4-20mA Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 4-20mA Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 4-20mA Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 4-20mA Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 4-20mA Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 4-20mA Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 50A, 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 50A, 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 50A, 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 50A, 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 50A, 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core	\/ASCS-L	A/ASCS2-L	2.0A 0.6A	0.3A @ 200VAC/VDC	
New A/CTA-5	A/ASCSX-L		2.0A	**DISCONTINUED**	
New A/CTA-5					
A/CTA-5 A/CTA2-5	NALOG SEN	SOR PART #			DESCRIPTION
### A/SCTA-5 #### A/SCTA-5 #### A/SCTA-5 #### A/SCTA-5 #### A/SCTA-5 ####################################	Old	New			
### A/CTE-50	A/CTA-5	A/CTA2-5			4-20mA Out (Solid-Core) 0 to 5 A
### ADDED** #### ADDED** #### ADDED** #### ADDED** ##### ADDED** ################################	VSCTA-5	A/SCTA2-5			4-20mA Out (Split-Core) 0 to 5 A
### ACTA-250 ### ACTE2-50 ## ACTE2-50 ## ACTE2-50 ## ADDED** ## ACTV2-50 #	A/CTA-50				4-20mA Out (Solid-Core) 0 to 10A, 0 to 20A, 0 to 50A
### A/SCTA2-200 ### A/SCTA2-50 #### A/SCTA2-50 ##### A/SCTA2-50 ####################################	A/SCTA-50	A/SCTA2-50			4-20mA Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 50A
A/CTA-50-VFD A/CTA2-50-RMS 4-20mA Out (Solid-Core) 0 to 10A, 0 to 20A, 0 A/SCTA-50-VFD A/SCTA2-50-RMS 4-20mA Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Solid-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 1	A/CTA-250	A/CTA2-250			4-20mA Out (Solid-Core) 0 to 100A, 0 to 200A, 0 to 250A
A/SCTA-50-VFD A/SCTA2-50-RMS 4-20mA Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 20A	A/SCTA-200	A/SCTA2-200			4-20mA Out (Split-Core) 0 to 100A, 0 to 150A, 0 to 200A
A/SCTA-50-VFD A/SCTA2-50-RMS 4-20mA Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 20A	A/CTA-50-VFD	A/CTA2-50-RMS			4-20mA Out (Solid-Core) 0 to 10A, 0 to 20A, 0 to 50A
4-20mA Out (Solid-Core) 0 to 100A, 0 to 200A, 0 to 5 VDC Out (Solid-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Solid-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Solid-Core) 0 to 10A, 0 to 20A, 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Solid-Core) 0 to 10A, 0 to 20A, 0 to 10A,					
DISCONTINUED **DISCONTINUED** **DISCONTINUED** **DISCONTINUED** **DISCONTINUED** **Out (Solid-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 10VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 10 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 10 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 10 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 10 VDC Out (Split-Core) 0 to 5 VDC Out (Split-Core) 0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 10 VDC Out (Split-Core) 0 to 5 VDC					4-20mA Out (Solid-Core) 0 to 100A, 0 to 200A, 0 to 250A
A/SCTE-50	A/SCTA-200-VFD			**DISCONTINUED**	
A/SCTE-50	VCTE-50	A/CTE2-50			0 to 5 VDC Out (Solid-Core) 0 to 10A, 0 to 20A, 0 to 50A
A/CTE-150 A/CTE2-150 **ADDED** 0 to 5 VDC Out (Solid-Core) 0 to 50A, 0 to 100A A/SCTE-150 A/SCTE2-150 0 to 5 VDC Out (Split-Core) 0 to 50A, 0 to 100A A/CTE-250 **DISCONTINUED** A/SCTE-250 A/SCTE2-250 0 to 5 VDC Out (Split-Core) 0 to 100A, 0 to 200 A/CTV-50 A/CTV2-50 0 to 10 VDC Out (Solid-Core) 0 to 10A, 0 to 20A A/SCTV-50 A/SCTV2-50 0 to 10 VDC Out (Split-Core) 0 to 50A, 0 to 10A A/CTV-150 A/CTV2-150 **ADDED** 0 to 10 VDC Out (Solid-Core) 0 to 50A, 0 to 10A					0 to 5 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 50A
A/SCTE-150 A/SCTE2-150 **DISCONTINUED** 0 to 5 VDC Out (Split-Core) 0 to 50A, 0 to 100A A/SCTE-250 **DISCONTINUED** 0 to 5 VDC Out (Split-Core) 0 to 100A, 0 to 200 0 to 10 VDC Out (Split-Core) 0 to 10A, 0 to 20A A/SCTV-50 A/SCTV2-50 0 to 10 VDC Out (Split-Core) 0 to 10A, 0 to 20A A/SCTV-150 A/CTV2-150 **ADDED** 0 to 10 VDC Out (Solid-Core) 0 to 50A, 0 to 100A	V/CTE-150			**ADDED**	0 to 5 VDC Out (Solid-Core) 0 to 50A, 0 to 100A, 0 to 150A
A/SCTE-250 A/SCTE2-250 0 to 5 VDC Out (Split-Core) 0 to 100A, 0 to 200 A/CTV-50 A/CTV2-50 0 to 10 VDC Out (Solid-Core) 0 to 10A, 0 to 20A A/SCTV-50 A/SCTV2-50 0 to 10 VDC Out (Split-Core) 0 to 10A, 0 to 20A A/CTV-150 A/CTV2-150 **ADDED** 0 to 10 VDC Out (Solid-Core) 0 to 50A, 0 to 10 VDC					0 to 5 VDC Out (Split-Core) 0 to 50A, 0 to 100A, 0 to 150A
0 to 10 VDC Out (Solid-Core) 0 to 10A, 0 to 20A V/SCTV-50 A/SCTV2-50 0 to 10 VDC Out (Split-Core) 0 to 10A, 0 to 20A V/CTV-150 A/CTV2-150 **ADDED** 0 to 10 VDC Out (Solid-Core) 0 to 50A, 0 to 10C	/CTE-250			**DISCONTINUED**	
A/CTV-50 A/CTV2-50 0 to 10 VDC Out (Solid-Core) 0 to 10A, 0 to 20A A/SCTV-50 A/SCTV2-50 0 to 10 VDC Out (Split-Core) 0 to 10A, 0 to 20A A/CTV-150 A/CTV2-150 **ADDED** 0 to 10 VDC Out (Solid-Core) 0 to 50A, 0 to 10C	VSCTE-250	A/SCTE2-250			0 to 5 VDC Out (Split-Core) 0 to 100A, 0 to 200A, 0 to 250A
A/SCTV-50 A/SCTV2-50 0 to 10 VDC Out (Split-Core) 0 to 10A, 0 to 20A A/CTV-150 A/CTV2-150 **ADDED** 0 to 10 VDC Out (Solid-Core) 0 to 50A, 0 to 10 VDC	V/CTV-50	A/CTV2-50			0 to 10 VDC Out (Solid-Core) 0 to 10A, 0 to 20A, 0 to 50A
	V/SCTV-50	A/SCTV2-50			0 to 10 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 50A
	\/CTV-150	A/CTV2-150		**ADDED**	0 to 10 VDC Out (Solid-Core) 0 to 50A, 0 to 100A, 0 to 150A
		A/SCTV2-150		**ADDED**	0 to 10 VDC Out (Split-Core) 0 to 50A, 0 to 100A, 0 to 150A
\/CTV-250 **DISCONTINUED**				**DISCONTINUED**	
A/SCTV-250 A/SCTV2-250 0 to 10 VDC Out (Split-Core) 0 to 100A, 0 to 20	A/SCTV-250	A/SCTV2-250			0 to 10 VDC Out (Split-Core) 0 to 100A, 0 to 200A, 0 to 250

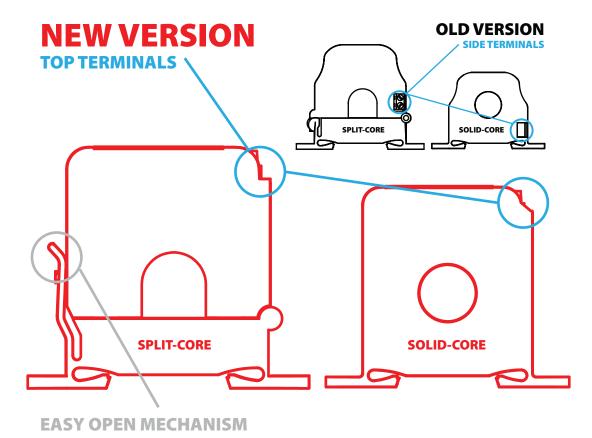
OLD VERSUS NEW

ACI continually aims at improving our service levels, internal processes, and product features. Your company currently purchases certain Current Sensor or Switches from us and this document is meant to inform you of an upcoming design revision on these products. The design change includes both product specification enhancements and physical feature improvements.

ACI's new Current Sensors are AVAILABLE NOW!

The most impactful change is moving the terminals from the side of the device to the most accessible point at the top of the device. This creates easier access in tight spaces and further enhances the utility of the patented DIN-rail mounting system. The closure latch design for split-core related devices was also updated. It provides a quick and secure closing mechanism.

Beside the physical changes, several products have specification enhancements relating to trip points. Output ratings have also changed to 0.2A for most switch related products. The Current Sensor/Switch Design Revision Chart provides complete specification summaries. Analog Sensor specifications are not affected by the change, except the minimum supply voltage is now13.5 VDC for 4-20mA output products (CTAs).



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