ACI CURRENT SENSOR / SWITCH

DESIGN REVISION

Automation Components, Inc.

CURRENT SENSOR/SWITCH DESIGN REVISION CHART

SWITCH PART #		TRIP POINT		OUTPUT RATING		DESCRIPTION
OLD	NEW	OLD	NEW	OLD	NEW	
A/CS	A/CS2	0.5A	0.25A	0.3A @ 200VAC/VDC	0.2A @ 200VAC/VDC	Fixed Trip (Solid-Core)
A/CSX	A/CSX2	1.0A	0.25A	0.15 @ 300VAC/VDC	0.2A @ 200VAC/VDC	Fixed Normally Closed Trip (Solid-Core)
A/CS-L		0.2A		**DISCONTINUED**		
A/CSX-L		0.5A		**DISCONTINUED**		
A/SCS	A/SCS2	2.5A	1.5A	0.3A @ 200VAC/VDC	0.2A @ 200VAC/VDC	Fixed Trip (Split-Core)
A/SCSX	A/SCSX2	2.5A	1.5A	0.15 @ 300VAC/VDC	0.2A @ 200VAC/VDC	Fixed Normally Closed Trip (Split-Core)
A/SCS-L	A/SCS2-L	1.5A	0.5A	0.3A @ 200VAC/VDC	0.2A @ 200VAC/VDC	Fixed Low Trip (Split-Core)
A/ACS	A/ACS2	1.0A	0.5A	0.3A @ 200VAC/VDC	0.2A @ 200VAC/VDC	Adjustable Trip (Solid-Core)
A/ACSX	A/ACSX2	1.0A	0.5A	0.15 @ 300VAC/VDC	0.2A @ 200VAC/VDC	Adjustable Normally Closed Trip (Solid-Core)
A/ACS-L		0.5A		**DISCONTINUED**		
A/ASCS	A/ASCS2	3.0A	1.5A	0.3A @ 200VAC/VDC	0.2A @ 200VAC/VDC	Adjustable Trip (Split-Core)
A/ASCSX	A/ASCSX2	3.0A	1.5A	0.3A @ 200VAC/VDC	0.2A @ 200VAC/VDC	Adustable Normally Closed Trip (Split-Core)
A/ASCS-L	A/ASCS2-L	2.0A	0.6A	0.3A @ 200VAC/VDC	0.2A @ 200VAC/VDC	Adjustable Low Trip (Split-Core)
A/ASCSX-L		2.0A		**DISCONTINUED**		
ANALOG SENSOR PART #						**DESCRIPTION**
Old	New					
A/CTA-5	A/CTA2-5	----		----		4-20mA Out (Solid-Core) 0 to 5 A
A/SCTA-5	A/SCTA2-5	----		----		4-20mA Out (Split-Core) 0 to 5 A
A/CTA-50	A/CTA2-50	----		----		4-20mA Out (Solid-Core) 0 to 10A, 0 to 20A, 0 to 50A
A/SCTA-50	A/SCTA2-50	----		----		4-20mA Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 50A
A/CTA-250	A/CTA2-250	----		----		4-20mA Out (Solid-Core) 0 to 100A, 0 to 200A, 0 to 250A
A/SCTA-200	A/SCTA2-200	----		----		4-20mA Out (Split-Core) 0 to 100A, 0 to 150A, 0 to 200A
A/CTA-50-VFD	A/CTA2-50-RMS	----		----		4-20mA Out (Solid-Core) 0 to 10A, 0 to 20A, 0 to 50A
A/SCTA-50-VFD	A/SCTA2-50-RMS	----		----		4-20mA Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 50A
A/CTA-250-VFD	A/CTA2-250-RMS	----		----		4-20mA Out (Solid-Core) 0 to 100A, 0 to 200A, 0 to 250A
A/SCTA-200-VFD		----		----	**DISCONTINUED**	----
A/CTE-50	A/CTE2-50	----		----		0 to 5 VDC Out (Solid-Core) 0 to 10A, 0 to 20A, 0 to 50A
A/SCTE-50	A/SCTE2-50	----		----		0 to 5 VDC Out (Split-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, 0 to 150A
A/SCTE-150	A/SCTE2-150	----		----		0 to 5 VDC Out (Split-Core) 0 to 50A, 0 to 100A, 0 to 150A
A/CTE-250		----		----	**DISCONTINUED**	----
A/SCTE-250	A/SCTE2-250	----		----		0 to 5 VDC Out (Split-Core) 0 to 100A, 0 to 200A, 0 to 250A
		----		----		
A/CTV-50	A/CTV2-50	----		----		0 to 10 VDC Out (Solid-Core) 0 to 10A, 0 to 20A, 0 to 50A
A/SCTV-50	A/SCTV2-50	----		----		0 to 10 VDC Out (Split-Core) 0 to 10A, 0 to 20A, 0 to 50A
A/CTV-150	A/CTV2-150	----		----	**ADDED**	0 to 10 VDC Out (Solid-Core) 0 to 50A, 0 to 100A, 0 to 150A
A/SCTV-150	A/SCTV2-150	----		----	**ADDED**	0 to 10 VDC Out (Split-Core) 0 to 50A, 0 to 100A, 0 to 150A
A/CTV-250		----		----	**DISCONTINUED**	----
A/SCTV-250	A/SCTV2-250	----		----		0 to 10 VDC Out (Split-Core) 0 to 100A, 0 to 200A, 0 to 250A

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).