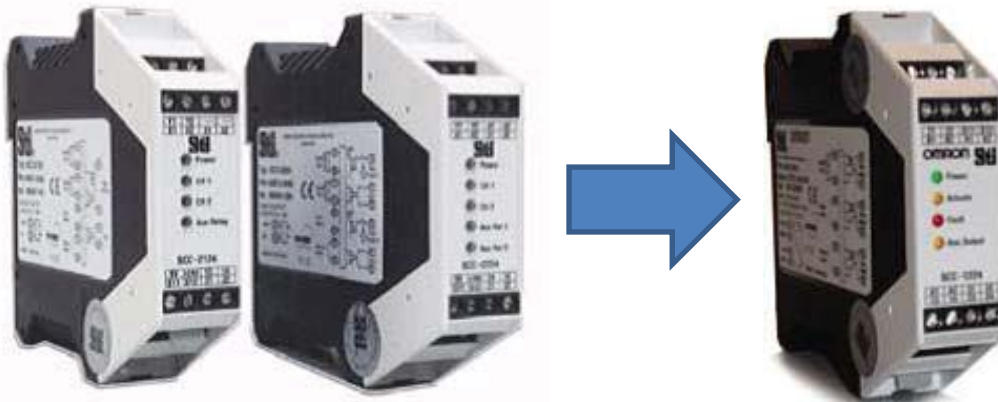


NO: EC-001
DATE: March 2014

PRODUCT: SCC Safety Edge Controllers
TYPE: Discontinuation Notice

Dual-Channel Safety Edge Controllers SCC-2224 and SCC-2124 will be Immediately Discontinued



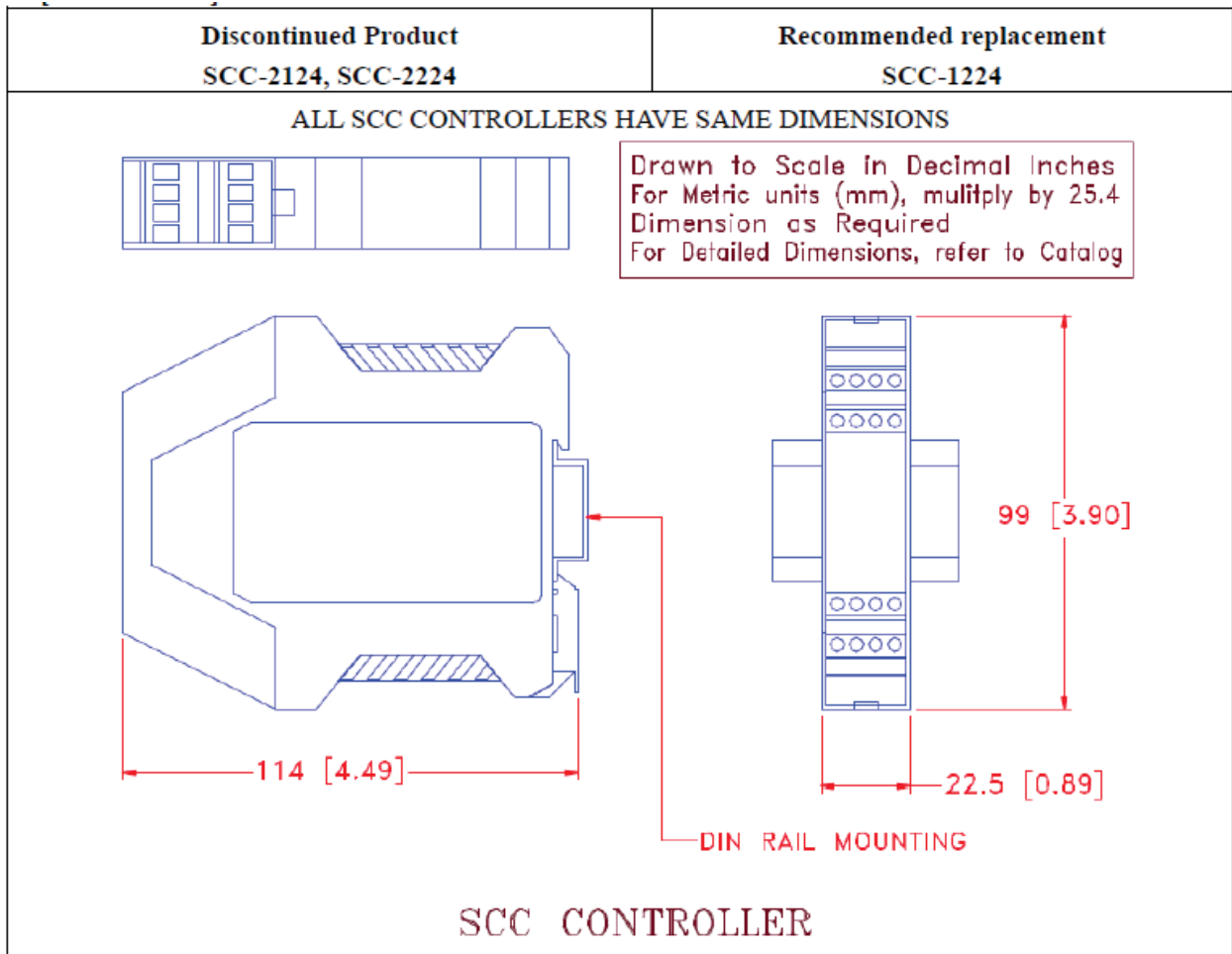
Effective date: March 1, 2014

The Dual-Channel Safety Edge Controllers, SCC-2224 and SCC-2124, will be immediately discontinued, the recommended replacement is the SCC-1224 Single-Channel Controller. Please note that the recommended replacement is a Single Channel unit that accepts a single, two-wire edge or bumper system. Please refer to the following for information on the differences about the affected models and suggested replacement differences.

Affected Models

Discontinued Model	Recommended Replacement	Main Difference	Before	After
SCC-2224	SCC-1224	Contact Configuration	2NO	3NO + 1NC (Aux.)
SCC-2124		Supply Voltage	115 VAC	24 VAC/VDC

Dimensions



Specification Differences

Item	Recommended Replacement	Discontinued Models	
Description	SCC-1224 & SCC-1224ND DIN Mount, 115 VAC or 24 VAC/DC Single Input, Safety Output and Aux.	SCC-2124 DIN Mount, 24 VDC Dual Independent Inputs, Single Safety Output and Aux.	SCC-2224 DIN Mount, 24 VDC Dual Independent Inputs, Safety Outputs and Aux.
Performance			
Category 3 Safety Device:	Yes		
Operating Area:	Up to 5 sensing devices with a total cable length of max. 25 m in series	Up to 5 sensing devices with a total cable length of max. 25 m in series	
Response Time:	< 13 ms	< 2 ms	
Indications:	Power – Main power supply = Green Actuate – Edge is depressed = Yellow Fault – Detect an irregular signal = Red Aux. Actuate – Activate Aux. output = Orange	Power – Main power supply = Green CH1 – Edge is depressed = Yellow CH2 – Edge is depressed = Yellow Aux. Relay 1 – Activate Aux. output = Orange	Power – Main power supply = Green CH1 – Edge is depressed = Yellow CH2 – Edge is depressed = Yellow Aux. Relay 1 – Activate Aux. output = Orange Aux. Relay 2 – Activate Aux. output = Orange
Operational Modes (Selectable):	Automatic Start Start/Restart Interlock		
Electrical			
Power Input:	115 VAC, 50/60 Hz, 3 VA or 24 VAC/DC \pm 10%, 1.5 W	24 VAC/DC \pm 10%, 1 W	
Safety Output: Maximum Switched Current:	2 N/O Relay 4 A, 250 VAC / 4 A, 30 VDC	1 N/O Relay (13 = input + 24 VDC, +10/-50%) 2 ADC, 10 to 26.4 VDC	2 N/O Relay (+24 VDC Internally Connected) 2 ADC, 10 to 26.4 VDC
Auxiliary Relay Output: Maximum Switched Current:	SCC-1224: Activates after approx. 1 s for approx. 3 s if the sensing device is actuated or faulty; SCC-1224ND: Activates if the sensing device is actuated or if a sensing device fault is detected 4A, 250 VAC / 4A, 30 VDC	1 N/O When using the NO DELAY function, the auxiliary relay switches synchronously with the safety edge actuation 2A AC/DC, 50 V AC/DC	2 N/O When using the NO DELAY function, the auxiliary relay switches synchronously with the safety edge actuation 2A AC/DC, 50 V AC/DC
Terminal Blocks:	Cage Clamp Terminal Strip Wire Size 0.75-1.5 mm ²		
Input Connections:	1-2 wire edge sensor circuit		
Input Resistance:	8.2 K ohm		
Input Voltage:	6 V \pm 2%		
Input Current:	1 mA		
Mechanical			
Enclosure:	Polyamide PA6.6, Self-extinguishing in accordance with UL-94-V2		
Mounting:	35 mm DIN rail		
Environmental			
Protection Rating:	IP20		
Operating Temperature:	-20 to 55°C (-4 to 131°F)		
Shipping Weight:	210 g (7.4 oz.)	160 g (5.6 oz.)	
Standards Conformity:	CE, TUV		
Designed to Meet or Exceed:	Category 3, EN13849-1		

Note: Specifications are subject to change without notice.