

# SC-100 SERIES SC-110 SERIES DUAL CIRCUIT FUSE MODULES

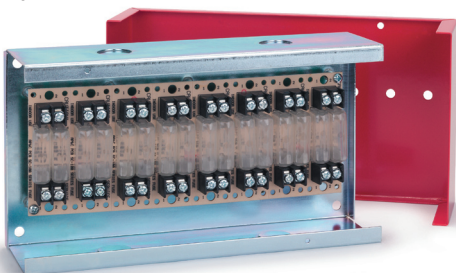
## PRODUCT DESCRIPTION

The SC-100 and SC-110 Series Fuse Modules provide a safe and convenient way to protect control and load circuits from over-current conditions. The SC-100 Series is supplied without fuses so the user can properly size each circuit for the actual application up to the module's maximum rated limit of 10A @ 250VAC. The SC-110 Series comes complete with 10A @ 250VAC fuses pre-installed.

Modules may be "snapped apart" from a standard 2, 4, or 8 position modules and are also available in the single position configuration. Both SC-100 and SC-110 Series Modules provide two independent circuits per module position. By jumpering the individual fused circuits together on the power input side; these modules make an excellent power distribution solution from a centralized power source.



SSU-SC-111/T



SSU-SC-118C/R



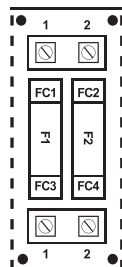
SSU-SC-102/C

## FEATURES

- ❖ Provides two independent fuse circuits per module position
- ❖ Circuits rated to a maximum of 10A @ 250VAC
- ❖ Protective fuse covers provided on all versions
- ❖ Simple wire jumpering on feed side allows use as a gangable circuit power distribution module
- ❖ Compact PCB size allows for high density integration
- ❖ Provided fuse clips accept standard .25" X 1.25" buss type fuse (AG Series) 10A @ 250VAC max.
- ❖ Un-loaded fuse clips allow for custom application fusing of independent circuits - VAC and VDC at various currents up to 10A @ 250VAC max. (SC-100 Series)
- ❖ "/T" versions come complete with track and track mounting hardware which facilitates installation in standard cabinets
- ❖ "/T" versions are configured for an available optional MR Series Snap Track (SSU-MR-8INTK)
- ❖ "/C" and "/C/R" versions mounted in dust resistant enclosures
- ❖ "/C/R" versions with red covers for NYC and other uses (SC-110 Series)
- ❖ SC-110 Series "/T" versions UL Recognized Component, "/C" versions UL Listed
- ❖ SC-100 Series UL Recognized

## WIRING (TYPICAL FOR ONE MODULE POSITION)

10A @ 250VAC/VDC  
(MAXIMUM PER FUSE CIRCUIT)



NOTE: SC-100 SERIES FUSES FIELD  
INSTALLED ARE TO BE UL LISTED

⚠ CAUTION: DE-ENERGIZE  
ALL POWER BEFORE  
INSTALLATION OR  
SERVICE



CSFM LISTED

MEA ACCEPTED

UL RECOGNIZED COMPONENT

UUKL  
Smoke Control

## PRODUCT SPECIFICATIONS

MODEL # (FUSES NOT PROVIDED)	MODEL # (10A FUSES PROVIDED)	MODULE POSITIONS	TOTAL FUSE CIRCUITS	TRACK MOUNTED H x W x D	ENCLOSURE MOUNTED H x W x D	COVER MATERIAL	UL* FILE S3403	CSFM FILE* MEA FILE* (SC-110 ONLY)
							UOXX2 UUKL2 NMTR2 NMTR8 PAZX2 UEHX2	
SSU-SC-101/T	SSU-SC-111/T	1	2	3.50" (89mm) 2.00" (51mm) 1.15" (30mm)				17300-1004:111
SSU-SC-101/C	SSU-SC-111/C				5.13" (131mm) 3.13" (80mm) 2.50" (64mm)	Grey ABS 94V-0 Plastic	SC-100 UOXX2 UUKL2 NMTR2 NMTR8 PAZX2 UEHX2	
SSU-SC-101/C/R	SSU-SC-111/C/R					Red ABS 94V-0 Plastic	SC-110 UOXX UUKL NMTR NMTR7 PAZX UEHX	
							UOXX2 UUKL2 NMTR2 NMTR8 PAZX2 UEHX2	
SSU-SC-102/T	SSU-SC-112/T	2	4	3.50" (89mm) 2.13" (54mm) 1.15" (30mm)				17300-1004:111
SSU-SC-102/C	SSU-SC-112/C				5.13" (131mm) 3.13" (80mm) 2.50" (64mm)	Grey ABS 94V-0 Plastic	SC-100 UOXX2 UUKL2 NMTR2 NMTR8 PAZX2 UEHX2	
SSU-SC-102/C/R	SSU-SC-112/C/R					Red ABS 94V-0 Plastic	SC-110 UOXX UUKL NMTR NMTR7 PAZX UEHX	
							UOXX2 UUKL2 NMTR2 NMTR8 PAZX2 UEHX2	
SSU-SC-104/T	SSU-SC-114/T	4	8	3.50" (89mm) 4.25" (108mm) 1.15" (30mm)				17300-1004:111
SSU-SC-104/C	SSU-SC-114/C				5.13" (131mm) 9.50" (241mm) 2.50" (64mm)	Plated 18ga CRS	SC-100 UOXX2 UUKL2 NMTR2 NMTR8 PAZX2 UEHX2	
SSU-SC-104/C/R	SSU-SC-114/C/R					Red 18ga CRS	SC-110 UOXX UUKL NMTR NMTR7 PAZX UEHX	
							UOXX2 UUKL2 NMTR2 NMTR8 PAZX2 UEHX2	
SSU-SC-108/T	SSU-SC-118/T	8	16	3.50" (89mm) 8.50" (215mm) 1.15" (30mm)				17300-1004:111
SSU-SC-108/C	SSU-SC-118/C				5.13" (131mm) 9.50" (241mm) 2.50" (64mm)	Plated 18ga CRS	SC-100 UOXX2 UUKL2 NMTR2 NMTR8 PAZX2 UEHX2	
SSU-SC-108/C/R	SSU-SC-118/C/R					Red 18ga CRS	SC-110 UOXX UUKL NMTR NMTR7 PAZX UEHX	

POWER CAPACITY: 0 to 250VAC/VDC @ 0 to 10A max. per fuse circuit

FUSE RATING: SC-100 Series: Field installed fuses to maximum rated limit of 10A @ 250VAC/VDC

SC-110 Series: Factory installed fuses with a maximum rated limit of 10A @ 250VAC/VDC

FUSE TYPE: .25" X 1.25" buss type AG Series (UL Listed)

FUSE SIZING: SC-100 Series: refer to NEC (National Electric Code) for guidelines on sizing fuses to match application

ENVIRONMENTAL: 32°F to 120°F (0°C to 49°C) @ 93% RH (@32°C), Non-condensing, Non-freezing

WIRING: Solid or Stranded; #14 to #22 AWG terminals

"T" VERSIONS: 3.5" wide, low profile plastic snap track provided with mounting screws

"C" VERSIONS: Backbox: 18ga CRS, plated with 1/2" conduit knockouts top and bottom

\*UOXX (UL864) = Control Unit Accessories, System; 2=Component

\*UUKL (UL864) = Smoke Control System Equipment, System; 2=Component

\*NMTR (UL508) = Miscellaneous Apparatus, System; 2=Component; 7=Certified for Canada; 8=Certified for Canada, Component

\*PAZX (UL916) = Energy Management Equipment, System; 2=Component

\*UEHX (UL2017) = General Purpose Signaling Devices and Systems, System; 2=Component



www.1sae.com | office 978.212.1312 | fax 508.485.4740

© Copyright 2018 Space Age Electronics, Inc. | This document is subject to change without notice | LT10327 | ED0403 | Rev. B