



You in Control

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

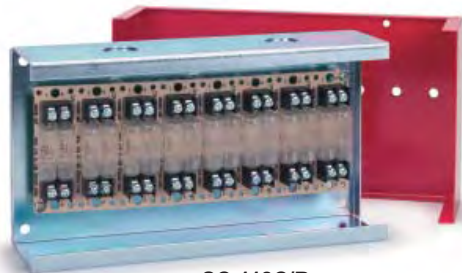
PRODUCT DESCRIPTION

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.



SC-111/T



SC-118C/R



SC-102/C

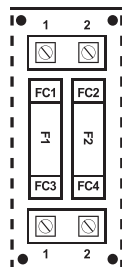
FEATURES

- ❖ 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)
- ❖ "S" versions supplied with spacers for installation on standard back panels
- ❖ "T" versions come complete with track and track mounting hardware which facilitates installation in standard cabinets
- ❖ "T" versions are configured for an available optional DIN/"A" series rail mounted clip (TK-CL)
- ❖ "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 "S" and "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



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PRODUCT SPECIFICATIONS

MODEL # (FUSES NOT PROVIDED)	MODEL # (10A FUSES PROVIDED)	MODULE POSITIONS	TOTAL FUSE CIRCUITS	SPACER MOUNTED H x W x D	TRACK MOUNTED H x W x D	ENCLOSURE MOUNTED H x W x D	COVER MATERIAL	UL* FILE S3403	CSFM FILE†	
SC-101/S	SC-111/S	1	2	3.25" (83mm) 1.06" (27mm) 1.10" (28mm)				UOXX2 UUKL2 NMTR2	7300-1004:111	
SC-101/T	SC-111/T				3.50" (89mm) 2.00" (51mm) 1.15" (30mm)			NMTR8 PAZX2 UEHX2		
SC-101/C	SC-111/C					5.13" (131mm) 3.13" (80mm)	Grey ABS 94V-0 Plastic	SC-100 UOXX2 UUKL2 NMTR2		SC-110 UOXX UUKL NMTR
SC-101/C/R	SC-111/C/R					2.50" (64mm)	Red ABS 94V-0 Plastic	NMTR8 PAZX2 UEHX2		NMTR7 PAZX UEHX
SC-102/S	SC-112/S	2	4	3.25" (83mm) 2.13" (54mm) 1.10" (28mm)				UOXX2 UUKL2 NMTR2	7300-1004:111	
SC-102/T	SC-112/T				3.50" (89mm) 2.13" (54mm) 1.15" (30mm)			NMTR8 PAZX2 UEHX2		
SC-102/C	SC-112/C					5.13" (131mm) 3.13" (80mm)	Grey ABS 94V-0 Plastic	SC-100 UOXX2 UUKL2 NMTR2		SC-110 UOXX UUKL NMTR
SC-102/C/R	SC-112/C/R					2.50" (64mm)	Red ABS 94V-0 Plastic	NMTR8 PAZX2 UEHX2		NMTR7 PAZX UEHX
SC-104/S	SC-114/S	4	8	3.25" (83mm) 4.25" (108mm) 1.10" (28mm)				UOXX2 UUKL2 NMTR2	7300-1004:111	
SC-104/T	SC-114/T				3.50" (89mm) 4.25" (108mm) 1.15" (30mm)			NMTR8 PAZX2 UEHX2		
SC-104/C	SC-114/C					5.13" (131mm) 9.50" (241mm)	Plated 18ga CRS	SC-100 UOXX2 UUKL2 NMTR2		SC-110 UOXX UUKL NMTR
SC-104/C/R	SC-114/C/R					2.50" (64mm)	Red 18ga CRS	NMTR8 PAZX2 UEHX2		NMTR7 PAZX UEHX
SC-108/S	SC-118/S	8	16	3.25" (83mm) 8.50" (215mm) 1.10" (28mm)				UOXX2 UUKL2 NMTR2	7300-1004:111	
SC-108/T	SC-118/T				3.50" (89mm) 8.50" (215mm) 1.15" (30mm)			NMTR8 PAZX2 UEHX2		
SC-108/C	SC-118/C					5.13" (131mm) 9.50" (241mm)	Plated 18ga CRS	SC-100 UOXX2 UUKL2 NMTR2		SC-110 UOXX UUKL NMTR
SC-108/C/R	SC-118/C/R					2.50" (64mm)	Red 18ga CRS	NMTR8 PAZX2 UEHX2		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; #12 to #22 AWG terminals
"T" VERSIONS:	3.5" wide, low profile plastic snap track provided with mounting screws
"S" VERSIONS:	Aluminum spacers provided with #8 X 7/8" 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

NOTICE: The information contained in this document is intended only as a summary and is subject to change without notice. The products described have specific instructional/installation documentation, which covers various technical, approval, code, limitation and liability information. Copies of this documentation along with any general product warning and limitation documents, which also contain important information, are provided with the product and are also available from Air Products and Controls Inc. The information contained in all of these documents should be considered before specifying or using the products. Any example applications shown are subject to the most current enforced local/national codes, standards, approvals, certifications, and/or the authority having jurisdiction. All of these resources, as well as the specific manufacturer of any shown or mentioned related equipment, should be consulted prior to any implementation. For further information or assistance concerning the products, contact Air Products and Controls Inc. Air Products and Controls Inc. reserves the right to change any and all documentation without notice.