

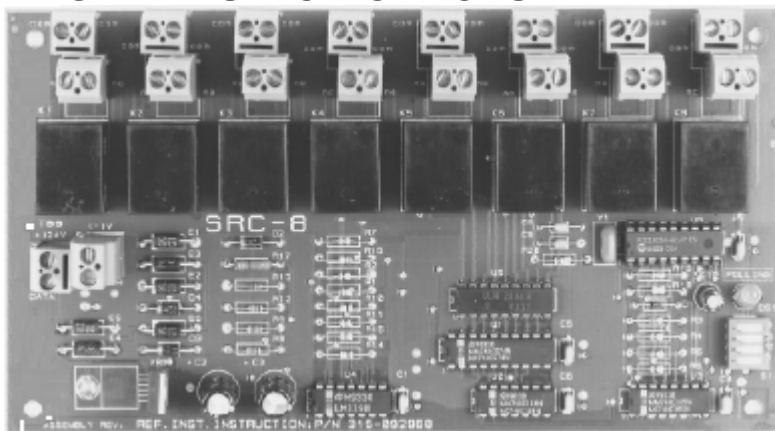
SXL[®], SXL-EX Fire Control Panels

8-Relay Output Module

Model SRC-8

ARCHITECT AND ENGINEER SPECIFICATIONS

- Eight (8) Form 'C' relay outputs
- Two (2) Amp relay rating
- Relays programmable with zone alarms
- Available for Class A or Class B systems
-  UL Listed,  ULC Listed; FM, CSFM and NYMEA Approved



Product Overview

Model SRC-8 from Siemens Industry – Fire Safety is an (8) eight-relay module that provides output control for the SXL and SXL-EX fire-alarm control panels (FACPs). Each relay can be programmed to change state when any initiating zone is activated. Hence, any multiple zones can activate a single relay, while any initiating zone can alternatively activate any combination of relays.

The Form 'C' relays are rated 2 Amps at 30 VDC or 120VAC, and can be used to operate field devices, or to control a custom graphic annunciator.

Installation

Model SRC-8 is mounted in the SXL FACP, and can be used with any four (4) or (8) eight-zone system. SXL firmware Revision 2.2 or higher is required to program and operate Model SRC-8.

Mechanical installation and programming is detailed in the Installation Instructions, part number: 315-092968.

Specifications

The Relay Output Module (Model SRC-8) shall be available for controlled output by the initiating zone. Model SRC-8 shall contain 8 form 'C' relays, which shall be programmable to operate with any combination of initiating zones.

Specifications

Any initiating-device circuit shall have the capability to be mapped to any optional output, via the system programming.

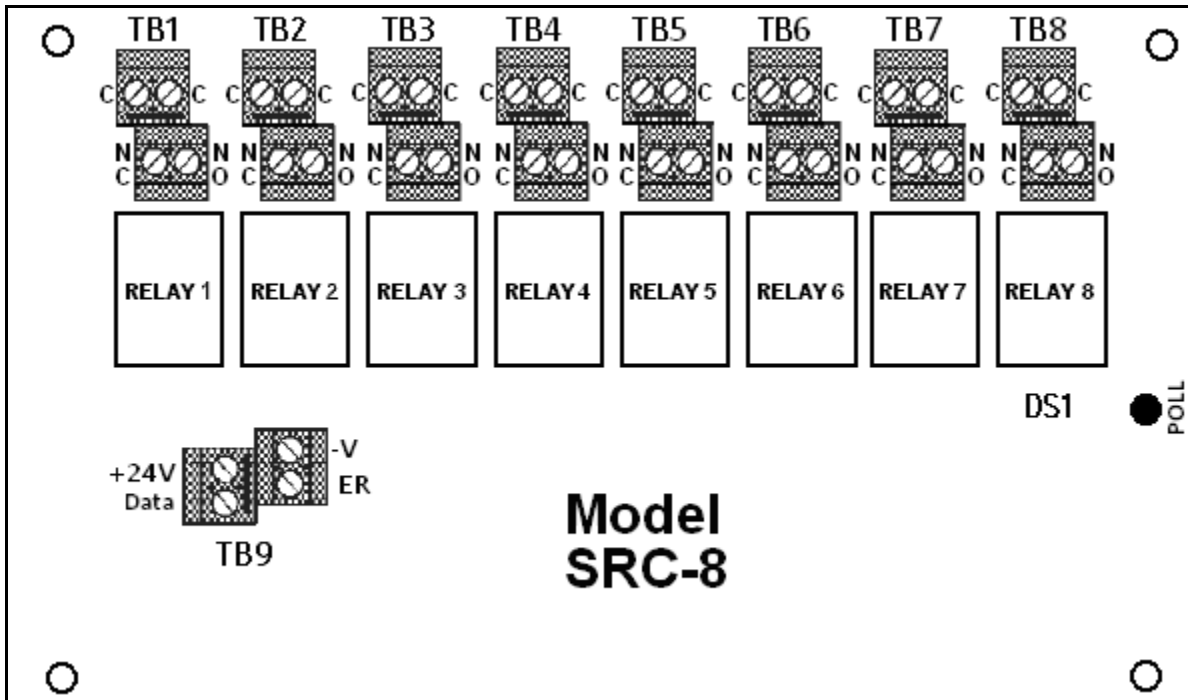
Model SRC-8 shall be expandable to eight (8) zones, via an expansion module (Model SZE-4X), which shall contain an additional four (4) conventional zones; four (4) general-purpose relay outputs, and four (4) general-purpose, open-collector outputs.

The FACP shall be a Siemens Fire Safety SXL and SXL-EX, shall utilize conventional zones, be micro-processor based and fully field programmable. The base panel shall include four (4) initiating zones; relay outputs for general *alarm* and *trouble* events, and two (2) power-limited notification circuits, capable for a total of 3Amps of power for notification appliances.

The FACP shall also have the following features: Subsequent *alarm* and *trouble* events; (1) one-person test; brown-out protection, and 24 or 60-hour battery backup.

The FACP shall also have the following selectable features: supervisory zones; alarm verification by zone; non-latching alarm zone; *alarm*, *trouble* and *supervisory* history, notification-circuit coding, non-silenceable alarm, alarm / trouble 24-hour reminder, and zone / output bypass.

Wiring Diagram



- Notes:**
- 1.) The SXL Control Panel meets NFPA 72 local system requirements.
 - 2.) All wiring must be in accordance with NFPA 70.
 - 3.) Form 'C' relay contacts are shown de-energized, and are suitable for resistive load only.
 - 4.) Refer to the Battery Calculations table on the next page to determine battery needs.

Electrical Ratings

Supervisory:	18mA
Alarm:	26mA per relay

Form 'C' Relays

Contact Rating:	2 Amps at 30 VDC; 120 VAC - resistive only
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Details for Ordering

Model Number	Part Number	Description
SRC-8	500-692972	8-Relay Output Module for SXL
SXL-EX	500-696000	4-Zone Fire-Alarm Control Panel
SZE-4X	500-696006	SXL 4-Zone Expander [with outputs]

Notice: This marketing catalog sheet is not intended to be used for system design or installation purposes. For the most up-to-date information, refer to each product's installation instructions.