

System 3™

Supplementary Relay Module

Model SR-30

ARCHITECT AND ENGINEER SPECIFICATIONS

- Dual inputs
- Placement supervised
- SPDT configuration
- UL 864 9th Edition Listed and ULC Listed;
FM, CSFM & NYC Fire Department Approved



Product Overview

The System 3 supplementary relay module (Model SR-30) from Siemens Industry — Fire Safety is designed to activate or deactivate — as desired — external devices, such as: door releases, fan shut-down, extinguishing system release, audible alarms, etc.

Actuation of Model SR-30 may come from the following:

- ✓ System 3 fire-alarm control panel (FACP)
- ✓ Model ZN or ZU-series zone module
- ✓ Model SM-30 switching module
- ✓ Any other module with an appropriate system-Alarm output

Model SR-30 is fitted with two (2) independent, 24 VDC (nominal) relays — each of which provides a set of single pole, double throw (SPDT) contacts rated 3 amps at 120 VAC or 30 VDC.

Actuation for each relay is from a high-resistance-transistor input circuit, requiring a high-level DC signal between 12 and 24 Volts above system common. Dual-input actuation terminals are provided for each relay to facilitate programming. Model SR-30 is placement supervised, providing a system *Trouble* signal upon system disconnect.

Specifications

For the control of external devices, a Siemens — Fire Safety supplementary relay module, Model SR-30, shall be provided.

This module shall be system interconnected by a 10-pin plug and harness assembly, and shall be operable with the main FACP.

Model SR-30 shall contain two (2) independent 24 VDC, nominal relays, each fitted with SPDT contacts with a rating of 3 Amps at 120 VAC or 30 VDC. Each relay shall have dual-input screw terminals for flexibility of programming. Relay-output, screw-type terminals shall also be provided on the face of the module.

The supplementary relay module shall be placement supervised, as well as Underwriters Laboratories 864 9th Edition Listed.

Temperature and Humidity Range

Model SR-30 is UL 864 9th Edition Listed for indoor dry locations within a temperature range of 120+/-3°F (49+/-2°C) to 32+/-3°F (0+/-2°C) and at a relative humidity of 93+/-2% at a temperature of 90+/-3°F (32+/-2°C).

Electrical Rating

Current Requirement:

Relays de-energized:	None
Relays energized:	45mA each

Details for Ordering

Model Number	Part Number	Description	Shipping Weight	
SR-30	500-821620	Supplementary Relay Module	1 Lb.	0.45 Kg.

Notice: This marketing data 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.