

Model T8000-SRM

Serial Relay Module

for FireSpy® Tracker Control Panels

SAFETY MESSAGE TO INSTALLERS

People's lives depend on your safe installation of our products. It is important to read, understand and follow all instructions shipped with this product. Listed below are some other important safety instructions and precautions you should follow.

- This unit must be installed and maintained by a qualified electrician in accordance with NFPA 72 and National and local Electrical and fire codes, under the direction of the authority having jurisdiction.
- Do not connect this unit to system wiring when circuits are energized.
- After installation and completion of initial system test, provide a copy of this instruction sheet to all personnel responsible for operation, periodic testing and maintenance of this equipment.
- Failure to follow all safety precautions and instructions may result in property damage, serious injury, or death to you and others.

GENERAL

The T8000-SRM serial relay module (SRM) provides eight programmable relay contacts. The SRM may be mounted in the main cabinet or an external cabinet.

INSTALLATION

Refer to the Tracker 8000 installation manual for battery calculations and other additional requirements for installing the assembly in the fire panel system.

Mounting

The SRM mounts in a UL864 Listed enclosure. The installation location

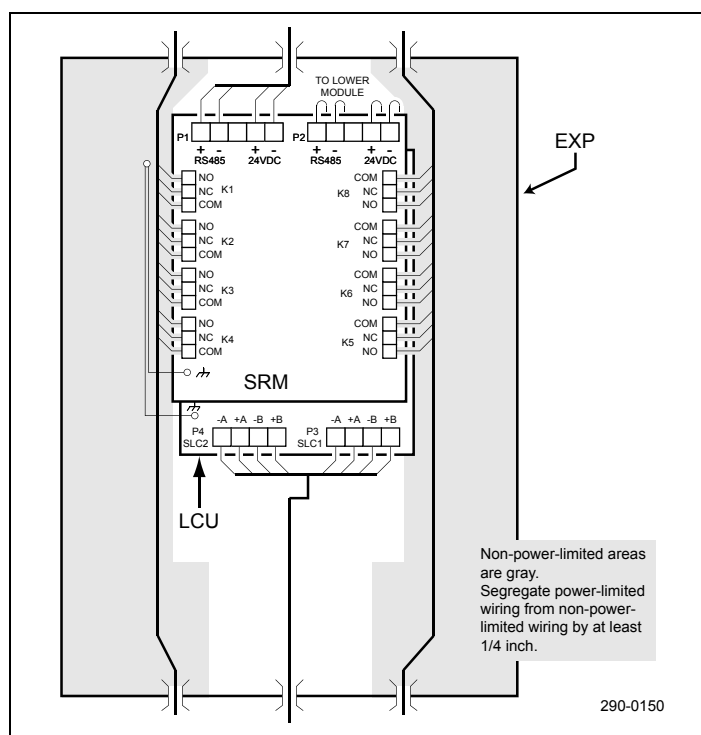


Figure 1: Wire routing

Specification	Rating
Listed	ETL, Standard UL864
Use / Environment	Commercial / Indoor, dry
Temperature range	32 to 120°F
Maximum relative humidity	95%
Supply voltage	Regulated 24 DC
Operating current	30 mA standby 25mA per each energized relay
Contact ratings	
Resistive load (PF=1.0)	10A @ 30VDC 10A @ 250VAC
Inductive load (PF=0.4)	3A @ 250VAC

Table 1: Specifications

should be reasonably free of dust, vibration, and moisture. To avoid degradation of the operating circuitry, it is recommended that circuit boards be removed during cabinet mounting, wire installation, and any other procedures that may introduce dust, metal shavings, grease or any other foreign matter into the area of the electronic circuitry.

1. To mount a single module, secure the module to four standoffs in the cabinet with screws.
2. To mount above a T8000-LCU, add four standoffs at the offset mounting positions through the bottom module and secure the upper module to these standoffs with screws. See Figure 2.
3. Secure the ground wire to the backbox grounding stud with a nut.

Wiring

WARNING

To reduce the risk of electrical shock, make sure that all power has been turned off or disconnected prior to attempting to install wiring or connect power.

See Figure 1 for wiring.

OPERATION

Refer to the control panel documentation for operation and programming details.

ORDERING INFORMATION

Model	Stock No.
T8000-SRM Serial relay module	T-SRM
T8000-EXP remote enclosure	T-EXP
Hardware mounting kit	T-KIT

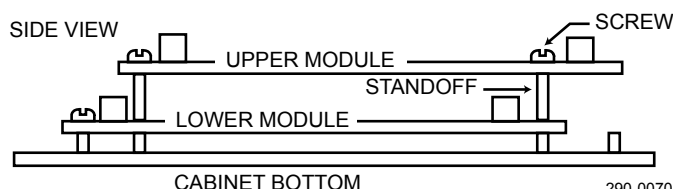


Figure 2: Mounting in stacked configuration

SERVICE

To get help with problems or questions not covered in these instructions, contact:

Technical Service Department
Harrington Signal Inc.
2519 - 4th Avenue
Moline, IL 61265
(800) 577-5758

FireSpy is a registered trademark of Harrington Signal Inc.