

Control Module Replacement Guide

⚠ WARNING

IntelliRupter PulseCloser Fault Interrupters must be installed, operated, and maintained by qualified persons knowledgeable in overhead electric power distribution equipment and the associated hazards. This guide is not a replacement for adequate training and experience in safety procedures for this type of equipment. Read S&C Instruction Sheets 766-510, 766-530, and 766-540 thoroughly and carefully before installing and operating your IntelliRupter PulseCloser Fault Interrupter.

NOTICE

- If this control module is being used in an IntelliTeam® SG Automatic Restoration System, it must have control firmware compatible with the other devices in the system. This is typically denoted by the first two numbers of the firmware. For example, IntelliRupter firmware version 7.3.51 is compatible with 6802 firmware version 7.3.38. See the product release notes available on the Automation Customer Support Portal for compatibility details, including which version of the IntelliTeam® Designer configuration software to use.
- After replacing a control module, the IntelliTeam SG Automatic Restoration System functionality is restored by pushing the FeederNets for all feeders the IntelliRupter® fault interrupter belongs to. A normally closed IntelliRupter fault interrupter belongs to one feeder, and a normally open IntelliRupter fault interrupter belongs to two feeders.
- If this control is used in an IntelliTeam® II Automatic Restoration System, all previous configurations are compatible.
- The latest IntelliRupter fault interrupter instruction sheets are posted as PDF files at sandc.com/en/support/product-literature/. IntelliRupter software (all revisions) can be downloaded at sandc.com/en/support/sc-customer-portal/. For more detailed information, refer to S&C Instruction Sheet 766-571 “Software Installation”, available at sandc.com. If requiring assistance, contact your local S&C sales representative, or call S&C Global Support and Monitoring Center at 1-888-762-1100.

IntelliRupter PulseCloser Fault Interrupter protection and control modules are furnished with the latest software pre-loaded. The latest revision is posted at the S&C Automation Customer Support Portal.

If this control module replaces an installed control module that uses an older software revision, S&C recommends completing the following steps:

STEP 1. If not already installed on the computer, download the desired IntelliRupter PulseCloser Fault Interrupter software installer from the S&C Automation Customer Support Portal, and install it on your computer.

Note: When an upgrade is executed, the newest firmware version installed on the computer is the version installed on the control. If the required version is older than the newest installed, the newer version must be removed to ensure the appropriate version gets loaded. See the Notice above regarding version requirements.

Establish a Wi-Fi connection from the computer to the installed IntelliRupter fault interrupter control module, and save a snapshot file. Then, upgrade the control software to the latest version. This performs an automatic conversion of the settings in the control module and in the base memory module. S&C recommends reviewing the firmware release notes prior to an upgrade. The release notes will contain information on any known settings conversion issues.

STEP 2. Remove the existing control module.

STEP 3. Wait 5 minutes and install the new module. By default, all control modules shipped from S&C will use the **Base Memory Module** settings.

STEP 4. Establish a Wi-Fi connection to the new control, and check the Operation-Main window to determine there is an **OKAY** control status.

STEP 5. Save a snapshot file from the new control module for your records.

