



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 35-93-E Vol. 26

Manufacturer: Simplex Time Recorder Company, 50 Technology Drive, Westminster, MA 01441-0001

Trade Name(s): Simplex

Product: Fire alarm equipment

Pertinent Code Section(s): Subchapter 17 and Reference Standard RS 17

Prescribed Test(s): UL 864

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL File S771, Project 00NK40827 issued April 16, 2001 and revised February 11, 2008.

Description: Fire alarm control modules as follows:

Model No.	TFX Modules for 4100 series Control Panel
4100-6066	Communication card that allows the 4100 control panel to communicate TFX addressable devices.
4100-5130	Voltage regulator card used to provide the regulated 25VDC operating power for the TFX addressable devices.
4100-1340	Audio interface card that converts the 10 V RMS analog audio signal from the 4100 panel to a 0.77 V RMS signal compatible with the AMP-96.
4100-1297	Firefighter's phone card that allows the 4100 master phone station to communicate with up to 30 TFX-style remote phone stations.
4100-1298	Master phone handset assembly with the same phone card that is supplied as model 4100-1297 when supplied as a phone card only.
4100-9842	Audio expansion card that converts two channels of audio to 10 V RMS signal to transmit over fiber optic.

Model No.	Fiber Optic Modem for 4100 series Control Panel
4100-6072	Left port fiber optic modem card for single-mode fiber applications mounted inside 4100 control units.
4100-6073	Right port fiber optic modem card for single-mode fiber applications mounted inside 4100 control units.
4100-6074	Left port fiber optic modem card for multi-mode fiber applications mounted inside 4100 control units.
4100-6075	Right port fiber optic modem card for multi-mode fiber applications mounted inside 4100 control units.
4190-9021	Left port fiber optic modem card for single-mode fiber applications mounted in red expansion cabinet.
4190-9022	Left port fiber optic modem card for single-mode fiber applications mounted in beige expansion cabinet.
4190-9023	Right port fiber optic modem card for single-mode fiber applications mounted in expansion cabinet.
4190-9024	Left port fiber optic modem card for multi-mode fiber applications mounted in red expansion cabinet.
4190-9025	Left port fiber optic modem card for multi-mode fiber applications mounted in beige expansion cabinet.
4190-9026	Right port fiber optic modem card for multi-mode fiber applications mounted in expansion cabinet.

Pursuant to “Promulgation of the Rules relating to Material and Equipment Application Procedures” dated November 5, 1992, the Bureau of Fire Prevention has no objections (letter dated April 25, 2008, F.P. Index #0804020).

Terms and Conditions: The above fire alarm control modules are accepted with the following conditions:

1. All uses, configurations, arrangements and functions, application and installations shall comply with the provisions of New York City Building Code, specifically Subchapter 17 and Reference Standard 17-3. Further, the installation of these devices shall be in accordance with the manufacturer’s recommendation, NFPA 72, and UL Standard 864.
2. When installed, fiber optic modems shall be used only to communicate with the network of fire alarm systems located in other buildings (building-to-building communication). They shall not be used for fire alarm communication within protected buildings (inter-building communication).

3. The above-referenced fire alarm control modules shall be used only with listed and approved/accepted fire alarm equipment and accessories with which the compatibility have been determined by UL 864 test report.
4. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and accepted for use, as provided in Section 27-131 of the New York City Building Code.

Final Acceptance May 20, 2008
Examined By Donald J. [Signature]