

PCA-2707XA FIM

Fiber-optic Interface Module (FIM)



Features

- UL 864, 9th edition listed
- Max. 64 nodes available on network
- NFPA Style 7 connection applicable
- Status LED
- Down-sized PC assembly
- Easy installation



Description

The PCA-2707XA FIM assembly is the optional component for the FACP system. The PCA-2707XA FIM provides the system ability to use the optic fiber system for the system network. The PCA-2707XA FIM is used in the system together-with the Network Interface Unit (NIU).

The PCA-2707XA FIM contains an element by which the data from/to other FACP's on the network are converted to optical data for transmission.

The 5 VDC power required for operation is supplied from NIU to the PCA-2707XA FIM.

The PCA-2707XA FIM is equipped with a status indicator (LED). The green LED indicates normal 5 VDC power supply from NIU when it is turned on.

The PCA-2707XA FIM is equipped with jumpers that shall be set according to the length of optic fiber used (i.e. less than one kilometer or more than one kilometer).

Ordering Information

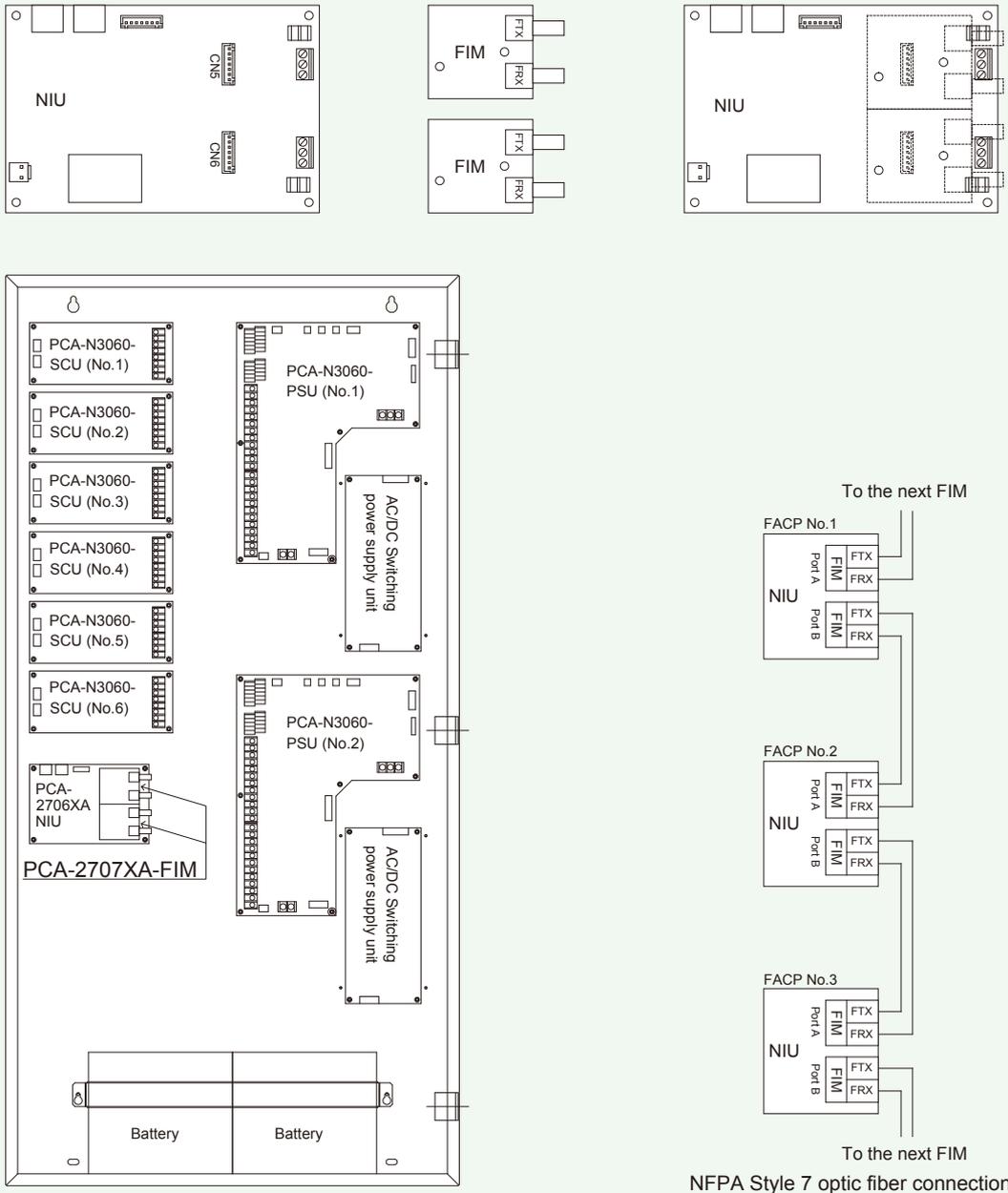
Part No. PCA-2707XA FIM

Specifications

No.	Item	Specification
1	Maximum 5 VDC standby current	180 mA
2	Maximum 5 VDC alarm current	180 mA
3	Ambient operating temperature range	0 to 49°C (32 to 120 °F)
4	Maximum ambient operating humidity	93 % non-condensing
5	Network connection style	NFPA Style 7
6	Maximum number of nodes on network	64
7	Max. fiber length between an FIM and next FIM	2 km (50/125 µm), 1.7 km (62.5/125 µm)
8	Maximum attenuation	6 db
9	Dimensions	50 mm (1.97")(H) x 70 mm (2.76")(W) x 25 mm (0.98")(D)

Optic fiber specifications

No.	Item	Specification
1	Fiber type	GI
2	Material	Quartz glass
3	Core diameter	50 µm or 62.5 µm
4	Clad	125 µm
5	Bandwidth	850 nm



NOTE

- The information contained herein does not purport to cover all the details or variations of the equipment described, nor to provide for every possible contingency that may be met in connection with its installation, operation or maintenance.
- Specifications are subject to change without notice. Contact Nohmi before relying on the information.
- Actual performance is based on proper application of the product by a qualified professional.
- Should further information be required or should particular concerns arise that are not covered sufficiently for the purchaser's purposes, the matter should be referred to Nohmi or your nearest distributor.



• Head Office: 4-7-3 Kudan-Minami, Chiyoda-ku, Tokyo 102-8277, Japan
 • Phone: (81)3-3265-0231
 • F A X: (81)3-3265-5348
 URL <http://www.nohmi.co.jp/english/>

Contact