



Catalog Number	
Notes	Type

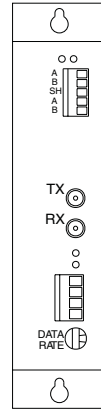
FEATURES

The Synergy® system SYA M1 ARCFST network link provides a means of linking one duplex fiber optic network segment with one EIA-485 twisted pair network segment for Synergy ARCNET® networks.

- Enclosure may be desk or panel mounted.
- Connects to Synergy twisted pair network segment via detachable terminal block.
- Connects to duplex fiber optic network segment via ST connectors.
- Low voltage power supply included.
- LEDs indicate network status and reconfiguration.
- Minimizes bit jitter with precision delay line timing.
- EIA-485 twisted pair port is DC coupled; network termination is jumper selected.
- Fiber optic port supports three different fiber sizes (shown in microns): 50/125, 62.5/125, or 100/140.

Lighting Control System
Fiber Optic Network Hub

SYA M1 ARCFST



ORDERING INFORMATION

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line. Order accessories as separate catalog number.

Example: **SYA M1 ARCFST**

SYA M1 ARCFST

Series

SYA M1 ARCFST Network link to facilitate networks with both EIA-485 twisted pair and duplex fiber optic segments.

SYA Lighting Control System Network Hub

SPECIFICATIONS

ELECTRICAL

- Input power: 4VA, class 2 plug-in power supply provided.
- Contractor to provide 120V duplex outlet at each SYA M1 ARCFST location for provided power supply.

ENVIRONMENTAL

- Operating temperature: 0°C to +60°C.
- Storage temperature: -40°C to +85°C.

Duplex Fiber Optic Port Cable Information

Cable (microns)	Connectors	Optical Budget 850 nm (dB)	Max. Cable Length
50/125	ST	6.6	3000ft/915m
62.5/125	ST	10.4	6000ft/1825m
100/140	ST	15.9	9000ft/2740m

FUNCTIONAL

