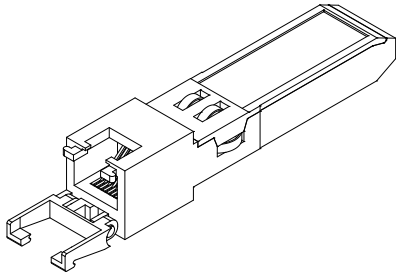


4-FWAL-CAT 100 Mbps SFP Network Adapter Installation Sheet



Description

The 4-FWAL-CAT 100 Mbps Small Form-factor Pluggable (SFP) network adapters are hot-pluggable devices that provide 100Base-TXRJ-45 internetwork connections between the EST4 system and external or peripheral systems.

The 4-FWAL-CAT adapters are supervised for opens, shorts, ground faults, and continued communications.

The 4-FWAL-CAT mounts in one SFP slot in the 4-FWALx Series Firewall Module.

Installation

Install and wire this device in accordance with applicable national and local codes, ordinances, and regulations.

Cautions

- Equipment damage hazard. Installing or removing the SFP controller more often than necessary may shorten its useful life.
- Equipment damage hazard. This product is sensitive to electrostatic discharge (ESD). To avoid damage, follow accepted ESD handling procedures.

To install an SFP controller:

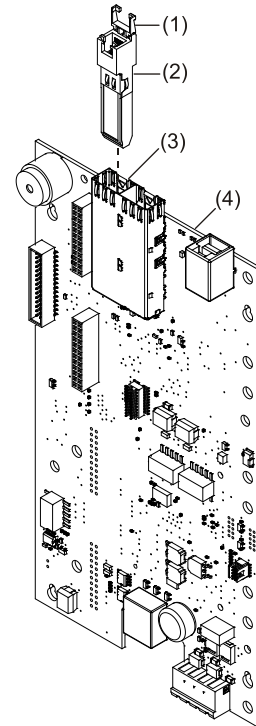
1. Close the bale clasp (Figure 1, item 1), and then insert the SFP network adapter until it is seated into the connector (Figure 1, item 3).
Firmly press the SFP network adapter into the slot until it latches (clicks).
2. Without releasing the bale clasp, gently pull the SFP network adapter to make sure that it cannot be removed.
3. Make required connections. Refer to Wiring.

Note: Small Form-factor Pluggable (SFP) network adapters are hot-swappable.

To remove an SFP controller:

1. Disconnect the wiring from the SFP network adapter.
2. Release the bale clasp.
3. Gently pull the SFP network adapter out of the SFP slot.

Figure 1: 4-FWAL-CAT installation



- (1) Bale clasp
- (2) SFP controller
- (3) SFP connection on 4-FWALx
- (4) 4-FWALx module

Wiring

Network wiring is supervised and power-limited.

Specifications

Current [1]	27 mA at 24 VDC
Wiring	
Cable type	Cat 5e or better
Connector type	RJ-45
Distance	328 ft. (100 m) max. between two network adapters
Operating environment	
Temperature	32 to 120°F (0 to 49°C)
Relative humidity	0 to 93% noncondensing

[1] Used for battery calculations

Regulatory information

FCC compliance	This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Environmental class	UL/ULC: Indoor, dry

Contact information

For contact information, see www.edwardsfiresafety.com.

