**Foxboro Evo™
Process Automation
System**

Product Specifications

Foxboro®

by Schneider Electric

FBI200A Fieldbus Isolator/Filter

FBI200A

FBI200A
Mounting
Adapter

For a single HDLC module Fieldbus for communications from an FCP280, FCP270 or ZCP270/FCM100E, the FBI200A Fieldbus Isolator/Filter provides galvanic isolation over a single full speed (2 Mbps) HDLC module Fieldbus between the Control Processor/FCM100E and 200 Series FBMs used in 100 Series solutions to upgrade 100 Series FBMs.

OVERVIEW

The FBI200A is intended for use as part of the 100 Series Fieldbus Module Upgrade subsystem. It maintains 2 Mbps HDLC module Fieldbus communications with galvanic isolation between the 200 Series FBMs in the conversion mounting structures and their associated Control Processors (FCP280, FCP270, or ZCP270). Unlike the 100 Series FBIs, or the FBI100, the FBI200A allows the CP270s to communicate with FBMs at the full 2 Mbps network speed.

It accepts the termination connectors on 100 Series FBI Termination Cable Assemblies (TCAs) (i.e. nosecones) from existing 100 Series FBIs.

A redundant FBI200A pair must be installed on an FBI200A mounting adapter mounted in the first Termination Assembly Adapter (TAA) slot of a conversion mounting structure, which is discussed in *Standard 200 Series Baseplates* (PSS 31H-2SBASEPLT).

PHYSICAL SPECIFICATIONS

Mounting

The redundant installation consists of two modules. FBI200A modules must be used in pairs, installed in an FBI200A mounting adapter.

An FBI200A pair mounts in the left-most Termination Assembly Adapter (TAA) slot in any 100 Series conversion mounting structure.
Refer to PSS 31H-2SBASEPLT for details.

Weight

FBI200A
0.3 kg (0.7 lb) approximate (each module)
FBI200A MOUNTING ADAPTER
0.07 kg (0.16 lb)

Part Number

FBI200A
P0923XL
FBI200A MOUNTING ADAPTER
P0923XM

Dimensions

FBI200A
Height
2.63 in (69 mm)
Width
1.4 in (36 mm)
Depth
17.9 in (413 mm)

FOR MORE INFORMATION

For more information refer to the following Product Specification Sheets (PSS):

PSS Number	Description
PSS 21H-1B9	Field Control Processor 270 (FCP270)
PSS 21H-1B10	Z-Module Control Processor 270 (ZCP270)
PSS 31H-1FCP280	Field Control Processor 280 (FCP280)
PSS 31H-2S200	Standard 200 Series Subsystem Overview
PSS 31H-2W100	100 Series Fieldbus Module Upgrade Subsystem Overview
PSS 31H-2CERTS	Standard and Compact 200 Series I/O - Agency Certifications
PSS 31H-2SBASEPLT	Standard 200 Series Baseplates
PSS 31H-2W8	100 Series Conversion Mounting Structures