APTER POWER
INDUSTRIAL AUTOMATION

MANUFACTURER-SOURCE TECHNICAL REFERENCE

Yokogawa EB401-50-S1

Product Reference

Yokogawa EB401 ER Bus Interface Master Module requested style configuration

DOCUMENT SCOPE

Independent Apter Power manual compiled only from the cited Yokogawa manufacturer sources. No product photograph is included.

Product / lookup identity	Yokogawa EB401-50-S1
Reference number	EB401-50-S1
Document basis	Published Yokogawa product records, PDFs, and manuals listed on page 3

Product page

https://www.apterpower.com/Yokogawa/eb401-50-s1-configuration-verification

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Product role and published parameters

WHAT IT IS, WHAT IT DOES, AND WHERE IT FITS

Yokogawa EB401-50-S1 is an evidence-bounded EB401 ER Bus Interface Master Module requested style configuration. System role: It connects an ESB Bus Node Unit or Compact Field Control Unit to ER Bus remote nodes over a 10BASE2 ER-bus interface. System context: Yokogawa EB401 ER Bus Interface Master Module requested style configuration.

Published field	Manufacturer-published value or verified identity note
Verified base model	EB401
Product type	ER Bus Interface Master Module (for FIO)
Requested -5 code	Standard type with no explosion protection
Following 0 code	Always 0
S1 style marking	HOLD pending physical label / Yokogawa order record
Physical interface	IEEE 802.3 10BASE2, one BNC port
Communication speed	10 Mbps

System function and signal path

01	System Inputs: It connects an ESB Bus Node Unit or Compact Field Control Unit to ER Bus remote nodes over a 10BASE2 ER-bus interface.
02	Processing: Supported host units listed by Yokogawa are ANB10S, ANB10D, AFF50S, AFF50D, AFV10S and AFV10D; two modules can form a dual-redundant ER bus.

Applications, answers, and official sources

1. Installed-base maintenance: Supports evidence-led identification and replacement planning for Yokogawa EB401-50-S1.
2. System documentation: Provides a source-traceable boundary for the documented CENTUM FIO ER-bus architecture configuration.
3. Commissioning review: Guides identity, companion-hardware, wiring and controlled functional checks before return to service.
4. Migration assessment: Separates exact-model facts from successor, sibling and family-level information.

Frequently asked questions

What is Yokogawa EB401-50-S1?	It is an evidence-bounded EB401 ER Bus Interface Master Module requested style configuration; this page is limited to the cited manufacturer evidence.
Is the exact identity verified?	Base Model And Suffix Verified Style S1 Hold.
What is its system role?	It connects an ESB Bus Node Unit or Compact Field Control Unit to ER Bus remote nodes over a 10BASE2 ER-bus interface.
Which installed-base context is documented?	CENTUM FIO ER-bus architecture.
Are related models automatic substitutes?	No. A sibling, repair code, suffix or engineering replacement is not an unconditional drop-in approval.
Must the physical label be checked?	Yes. Verify the model, revision, firmware and all order or configuration suffixes.

Official Yokogawa sources

Yokogawa EB401 General Specifications	https://library.yokogawa.com/document/download/AxkHnJ89/0000005292//EN/