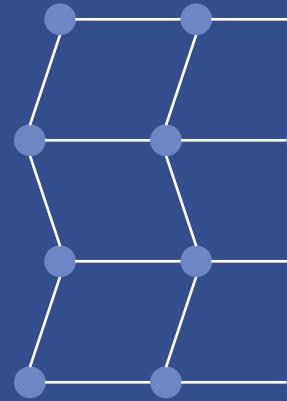


Pepperl+Fuchs HD2-DM-B

Product Reference

Pepperl+Fuchs FieldConnex basic diagnostic module



DOCUMENT SCOPE

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

Product / lookup identity	Pepperl+Fuchs HD2-DM-B
Reference number	HD2-DM-B
Document basis	Published Pepperl+Fuchs product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/Pepperl-Fuchs/hd2-dm-b>
Apter Power contact

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Product role and published parameters

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

Pepperl+Fuchs HD2-DM-B is an evidence-bounded FieldConnex basic diagnostic module. System role: It monitors bulk input voltage, segment overload or short circuit, installed power modules and redundant-module compatibility. System context: Pepperl+Fuchs FieldConnex basic diagnostic module.

Published field	Manufacturer-published value or verified identity note
Exact requested identity	HD2-DM-B
Product class	FieldConnex basic diagnostic module
Diagnostic class	Basic
Monitored conditions	Bulk input, segment overload/short circuit, power modules
Status outputs	LED indications and volt-free contact
Compatible motherboard	MBHC-FB-4R documented
Verification Status	Verified Evidence Bounded

System function and signal path

01	System Inputs: It monitors bulk input voltage, segment overload or short circuit, installed power modules and redundant-module compatibility.
02	Processing: Install only in a supported FieldConnex motherboard and use the documented LEDs and volt-free contact for basic status reporting.

Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and replacement planning for Pepperl+Fuchs HD2-DM-B.

2 System documentation: Provides a source-traceable boundary for the documented FieldConnex fieldbus power hub 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 Pepperl+Fuchs HD2-DM-B?	It is an evidence-bounded FieldConnex basic diagnostic module; this page is limited to the cited manufacturer evidence.
Is the exact identity verified?	Verified Evidence Bounded.
What is its system role?	It monitors bulk input voltage, segment overload or short circuit, installed power modules and redundant-module compatibility.
Which installed-base context is documented?	FieldConnex fieldbus power hub.
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 Pepperl+Fuchs sources

Pepperl+Fuchs FieldConnex Power Hub System Manual	https://files.pepperl-fuchs.com/webcat/navi/productInfo/doct/tdoct3793__eng.pdf?v=20240228145930
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