

Pepperl+Fuchs MBHC-FB-4R

Product Reference

Pepperl+Fuchs FieldConnex redundant power-hub motherboard with screw terminals

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 MBHC-FB-4R
Reference number	MBHC-FB-4R
Document basis	Published Pepperl+Fuchs product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/Pepperl-Fuchs/mbhc-fb-4r>
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Product role and published parameters

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

Pepperl+Fuchs MBHC-FB-4R is an evidence-bounded FieldConnex redundant power-hub motherboard with screw terminals. System role: It is the redundant motherboard for pluggable screw terminals and accepts the documented power and diagnostic modules. System context: Pepperl+Fuchs FieldConnex redundant power-hub motherboard with screw terminals.

Published field	Manufacturer-published value or verified identity note
Exact requested identity	MBHC-FB-4R
Product class	FieldConnex redundant power-hub motherboard with screw terminals
Item number	267022
Power topology	Redundant power supplies
Terminals	Pluggable screw terminals
Basic diagnostics	HD2-DM-B compatible
Advanced diagnostics	HD2-DM-A / HD2-DM-A.RO compatible

System function and signal path

01	System Inputs: It is the redundant motherboard for pluggable screw terminals and accepts the documented power and diagnostic modules.
02	Processing: Use with the approved FieldConnex power modules and HD2 diagnostic module arrangement; MBHC-FB-4R.1 is the spring-terminal variant and is distinct.

Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and replacement planning for Pepperl+Fuchs MBHC-FB-4R.

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 MBHC-FB-4R?	It is an evidence-bounded FieldConnex redundant power-hub motherboard with screw terminals; this page is limited to the cited manufacturer evidence.
Is the exact identity verified?	Verified Evidence Bounded.
What is its system role?	It is the redundant motherboard for pluggable screw terminals and accepts the documented power and diagnostic modules.
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 MBHC-FB-4R Datasheet	https://files.pepperl-fuchs.com/webcat/navi/productInfo/pds/t169681_eng.pdf?v=20241231200701
Pepperl+Fuchs FieldConnex Power Hub System Manual	https://files.pepperl-fuchs.com/webcat/navi/productInfo/doct/tdoct3793__eng.pdf?v=20240228145930