

MANUFACTURER-SOURCE TECHNICAL REFERENCE

Pepperl+Fuchs HCD2-FBPS-1.500

Product Reference

Pepperl+Fuchs FieldConnex isolated fieldbus power-supply 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 HCD2-FBPS-1.500
Reference number	HCD2-FBPS-1.500
Document basis	Published Pepperl+Fuchs product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/Pepperl-Fuchs/hcd2-fbps-1-500>

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Product role and published parameters

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

Pepperl+Fuchs HCD2-FBPS-1.500 is an evidence-bounded FieldConnex isolated fieldbus power-supply module. System role: It supplies an isolated 28 to 30 V DC fieldbus segment at up to 500 mA in the approved power-hub arrangement. System context: Pepperl+Fuchs FieldConnex isolated fieldbus power-supply module.

Published field	Manufacturer-published value or verified identity note
Exact requested identity	HCD2-FBPS-1.500
Product class	FieldConnex isolated fieldbus power-supply module
Output	28 to 30 V DC, 500 mA
Rated supply	19.2 to 35 V DC
Short-circuit current	550 mA
Protection	IP20
Operating temperature	-40 to 70 deg C

System function and signal path

- 01 System Inputs: It supplies an isolated 28 to 30 V DC fieldbus segment at up to 500 mA in the approved power-hub arrangement.
- 02 Processing: Use only in a compatible FieldConnex power hub with the required redundant or simplex configuration and hazardous-area installation conditions.

Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and replacement planning for Pepperl+Fuchs HCD2-FBPS-1.500.

2 System documentation: Provides a source-traceable boundary for the documented FOUNDATION Fieldbus H1 and PROFIBUS PA power-hub systems 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 HCD2-FBPS-1.500?	It is an evidence-bounded FieldConnex isolated fieldbus power-supply module; this page is limited to the cited manufacturer evidence.
Is the exact identity verified?	Verified Evidence Bounded.
What is its system role?	It supplies an isolated 28 to 30 V DC fieldbus segment at up to 500 mA in the approved power-hub arrangement.
Which installed-base context is documented?	FOUNDATION Fieldbus H1 and PROFIBUS PA power-hub systems.
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 HCD2-FBPS-1.500 Product Page	https://www.pepperl-fuchs.com/usa/en/classid_260.htm?prodid=76158&view=productdetails
Pepperl+Fuchs FieldConnex Power Hub System Manual	https://files.pepperl-fuchs.com/webcat/navi/productinfo/doct/tdoct3793__eng.pdf?v=20240228145930