

AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Pepperl+Fuchs TPH-LBF-IA1.36.DE.1
FieldConnex Diagnostic Surge Protector

RATED VOLTAGE	RATED CURRENT	PROTECTION	MASS
36 V	600 mA	IP20	45 g

Pepperl+Fuchs TPH-LBF-IA1.36.DE.1 is a pluggable FieldConnex surge protector for a Power Hub trunk connection.

01 OFFICIAL PRODUCT PARAMETERS

Product Type	Diagnostic fieldbus surge protector
Mounting	Power Hub trunk connection
Fieldbus Systems	FOUNDATION Fieldbus H1 / PROFIBUS PA
Rated Voltage	36 V
Rated Current	600 mA
Continuous Voltage	33 V maximum
Self Current	6 mA maximum
Reaction Line / Line	1 ns maximum
Reaction Line / Earth	100 ns maximum
Series Resistance	2 ohm +/- 5%
Ambient Temperature	-40 to 70 C
Degree of Protection	IP20
Housing	Polyamide PA 6.6
Dimensions	25 x 35.4 x 51.8 mm
Mass	45 g

Source: Pepperl+Fuchs Fieldbus Surge Protector manual and official product data. This Amikon reference does not replace controlled manufacturer instructions.

02 SYSTEM ROLE AND APPLICATIONS

- Power Hub trunk surge protection
- FOUNDATION Fieldbus H1 segment protection
- PROFIBUS PA fieldbus protection
- Hazardous-area fieldbus installations
- Lightning protection zone coordination

03 DIAGNOSTIC STATUS

The diagnostic version flashes green when status is OK and flashes red when maintenance is required. Do not use this model with the DART Power Hub Backplane MBHD-FB-D*.