AXL P FBPS 28DC/0.5A - Feed-in module

2316394

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Axioline P redundant power supply plug for the PROFIBUS PA power supply base. Provides 500 mA @ 28 V DC to Fieldbus couplers along the trunk.

Product description

The AXL P FBPS 28DC/0.5A is a redundant, 500 mA PROFIBUS PA power supply plug with integrated PROFIBUS PA diagnostics and load sharing capabilities.

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	2316394
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR06
Product key	DRIP53
GTIN	4055626368368
Weight per piece (including packing)	147.7 g
Weight per piece (excluding packing)	120 g
Customs tariff number	85044083
Country of origin	US

Technical data

Notes

Note on application

Note on application	Only for industrial use

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area

Utilization restriction

CCCex note	Use in potentially explosive areas is not permitted in China.

Input data

Input voltage	24 V DC
Nominal input voltage range	18.5 V DC ... 30.5 V DC
Input voltage range DC	18.5 V DC ... 30.5 V DC
Short-term input voltage	24 V DC
Current consumption	max. 1.35 A

Output data

Output voltage range	28 V DC ... 30 V DC (on the trunk)
Power dissipation	2.5 W (typical)
Connection in parallel	yes, for redundancy
Connection in series	no

Electrical properties

Maximum power dissipation for nominal condition	6 W

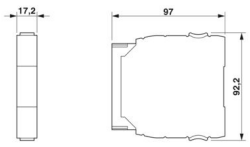
Product properties

Product type	Power supply
Product family	Axioline P

Insulation characteristics

Overvoltage category	II
Degree of pollution	2

Dimensions

Dimensional drawing	
Width	17 mm
Height	92 mm

Depth	97 mm

Mounting

Mounting type	DIN rail mounting
Assembly note	Plug-in connections may only be operated only when there is no load/voltage.

Material specifications

Color (Housing)	gray (RAL 7042)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Maximum altitude	2000 m
Permissible humidity (operation)	5 % ... 95 %
Shock	15g
Vibration (operation)	2g

Standards and regulations

Standards/specifications	Ring wave noise immunity in acc. with IEC 61000-4-12
Standard designation	PROFIBUS standardization
Standards/specifications	IEC 61158-2

Approvals

ATEX CE

Identification	Ⓔx II 3 G Ex ec IIC T4 Gc
Certificate	UL 26 ATEX 3563X

IECEx

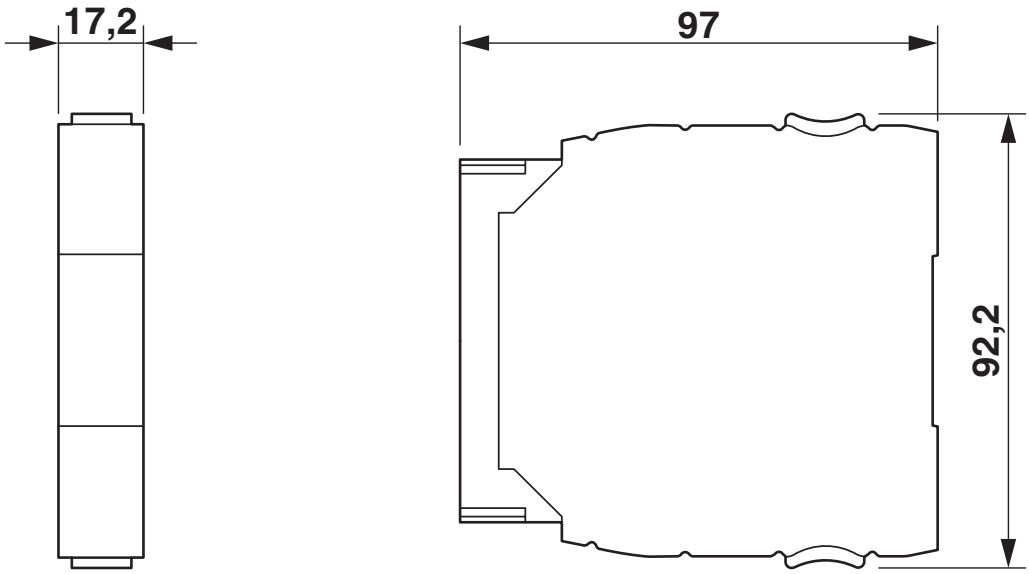
Identification	Ex ec IIC T4 Gc
Certificate	IECEx UL 26.0041X

Ex data

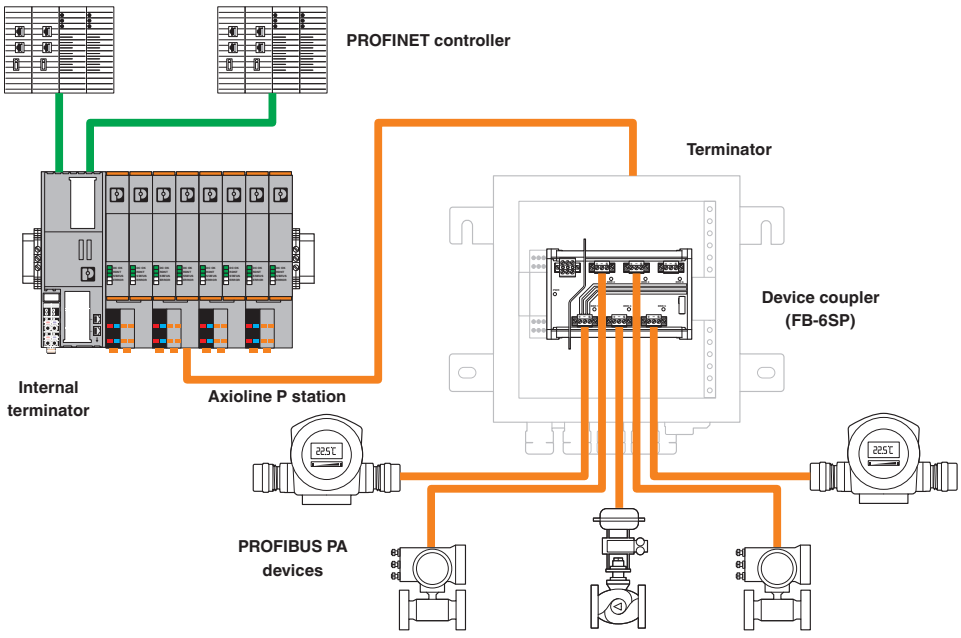
UL, USA / Canada	Class I, Div. 2, Groups A, B, C, D T4 Class I, Zone 2, IIC T4

Drawings

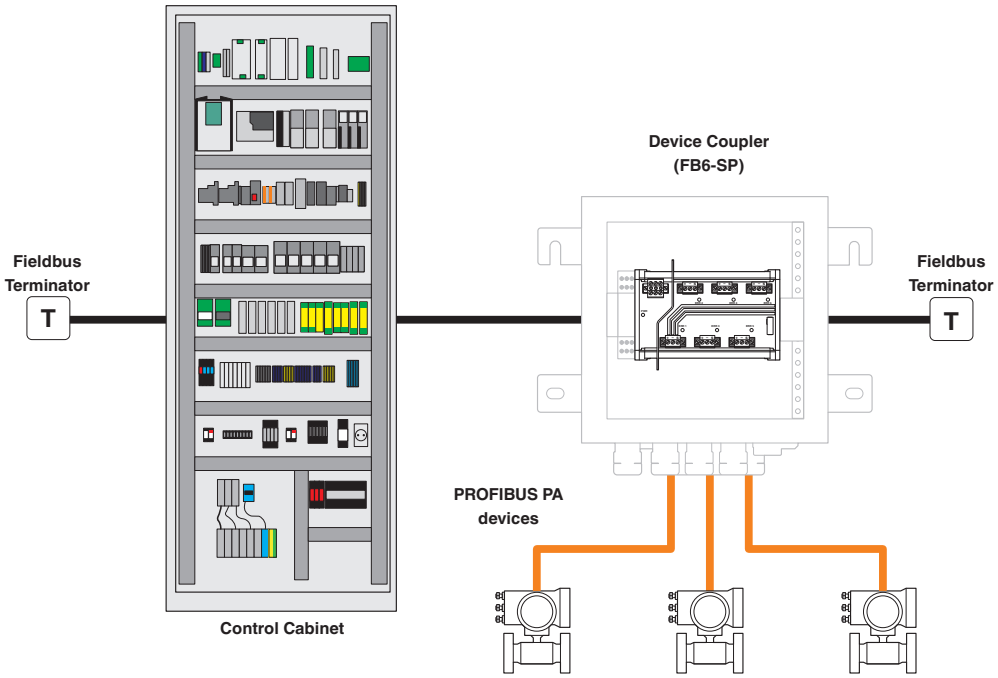
Dimensional drawing



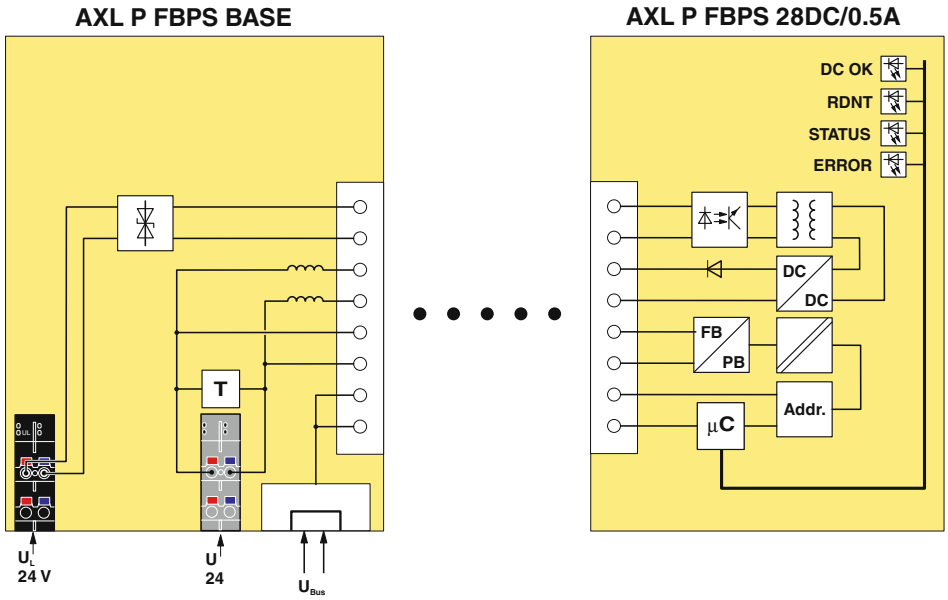
Application drawing



Application drawing



Block diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2316394

cULus Listed
Approval ID: E238705

IECEx
Approval ID: IECEx IBE 18.0023X

cUL Listed
Approval ID: E196811

UL Listed
Approval ID: E196811

ATEX
Approval ID: IBExU 18 ATEX B018 X

CCC
Approval ID: 2021122303114874

cULus Listed
Approval ID: E196811

Classifications

ECLASS

ECLASS-13.0	27242611
ECLASS-15.0	27242611

ETIM

ETIM 10.0	EC002583

UNSPSC

UNSPSC 21.0	32151600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-25
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	6e4ed1d7-7065-488f-8efa-bd5f3dd39d61

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