

Power supply - FB-PS-25/0.36A - 2316035

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Isolated Foundation Fieldbus Power Supply with integrated Terminator. Multiple single channel modules can be installed using Phoenix Contacts TBUS connector system reducing wiring and installation costs.



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	230.000 g
Custom tariff number	85044030
Country of origin	Singapore

Technical data

Dimensions

Width	22.5 mm
Height	114.5 mm
Depth	108.3 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Max. permissible relative humidity (operation)	95 % (non-condensing)
Degree of pollution	2

Input data

Nominal input voltage	24 V DC
Nominal input voltage range	19.2 V DC ... 35 V DC

Output data

Output voltage range	25 V DC ... 27 V DC (on the trunk)
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Technical data

Output data

Nominal output current (I_N)	360 mA
Output power	13.5 W

General

Net weight	210 g
Degree of protection	IP20
Mounting position	horizontal DIN rail NS 35, EN 60715

Connection data, input

Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12

Connection data, output

Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12

Signaling

Output name	Power OK
Status display	Green LED
Output name	OVERLOAD
Status display	LED red

Standards and Regulations

Standards/specifications	IEC 60529, IEC 61158-2 NAMUR NE 21 EN 61326, EN 60068-2-27, EN 60068-2-6
Standards/regulations	IEC 60529, IEC 61158-2
	NE21
	EN 61326, EN 60068-2-27, EN 60068-2-6
Electrical isolation	250 V AC (IEC 62103)
Shock	15g, 11 ms

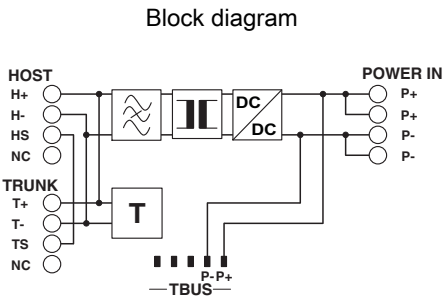
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Technical data

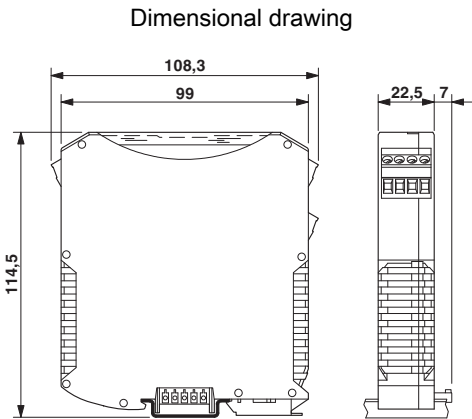
Standards and Regulations

Vibration (operation)	1g, 10 Hz ... 150 Hz
ATEX	# II 3 G Ex nA II T4 X
UL, USA/Canada	Class I, Zone 2, Group IIC T4
	Class I, Div. 2, Groups A, B, C, D, T4
Fieldbus Foundation	FF-831

Drawings



Connection diagram: FB-PS-25/0.36A



FB-PS-25/0.36A

Classifications

eCl@ss

eCl@ss 4.0	27250312
eCl@ss 4.1	27250312
eCl@ss 5.0	27242208
eCl@ss 5.1	27242208
eCl@ss 6.0	27242208
eCl@ss 7.0	27242208
eCl@ss 9.0	27242212

ETIM

ETIM 2.0	EC000310
ETIM 3.0	EC000310
ETIM 4.0	EC000310

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Classifications

UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	43201553

Accessories

Accessories

DIN rail connector

DIN rail bus connectors - ME 22,5 TBUS 1,5/ 5-ST-3,81 GN - 2707437



DIN rail connector, color: green, nominal current: 8 A (parallel contacts), rated voltage (III/2): 125 V, Number of positions per row: 5, pitch: 3.81 mm, mounting: DIN rail mounting, Locking: without, mounting: without, type of packaging: packed in cardboard, Item with gold-plated contacts, bus connectors for connecting with electronics housings, 5 parallel contacts