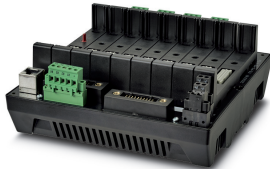


# Power supply unit - FB-PS-MB-Y/EX - 2316148

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Four-channel redundant fieldbus power supply base. Host connections are for two Yokogawa AKB336 20-pin cables.



## Product Description


Yokogawa four-channel, redundant fieldbus power supply base with host connectors for two AKB336 Yokogawa 20-pin cables.

## Your advantages

- Redundancy
- Built-in relay diagnostics



## Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 128368
GTIN	4055626128368
Weight per Piece (excluding packing)	1.000 g
Custom tariff number	85366990
Country of origin	United States

## Technical data

### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
	Use in potentially explosive areas is not permitted in China.

### Dimensions

Width	180 mm
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## Technical data

### Dimensions

Height	77 mm
Depth	180 mm

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Permissible humidity (operation)	95 % (non-condensing)
Degree of protection	IP20

### General

Net weight	222.222 g
Conformance	CE-compliant
Fieldbus Foundation	FF-831

### Power supply

Conductor cross section flexible max.	2.50 mm <sup>2</sup>
Conductor cross section flexible min.	0.20 mm <sup>2</sup>
Conductor cross section solid max.	2.50 mm <sup>2</sup>
Conductor cross section solid min.	0.20 mm <sup>2</sup>
Conductor cross section AWG max.	12
Conductor cross section AWG min.	30

### Interfaces

Interface 1	Yokogawa DCS cabling system
Interface	Host system
Number of connections	2
Connection method	AKB336 cable
Torque	0.4 Nm ... 0.5 Nm (AKB336 cable)
Inductance Li	17.8 mH (trunk and host)
Max. output voltage U <sub>o</sub>	30 V DC (trunk and host)

### Digital outputs

Output name	Alarm
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### Standards and Regulations

Type of test	Corrosive resistance in acc. to ANSI-ISA 71.04-1985 - Severity level G3
Designation	Standards/regulations
Standards/regulations	Ring wave noise immunity in acc. with IEC 61000-4-12
Designation	Standards/regulations
Standards/regulations	Dry heat in acc. with IEC 61131-2
Designation	Standards/regulations

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## Technical data

### Standards and Regulations

Standards/regulations	Damp heat in acc. with IEC 61131-2
Designation	Standards/regulations
Standards/regulations	Shock and vibration in acc. with EN 61131-2 and EN 50178
	IEC 61158-2
	NE21
	EN 61326
Conformance	CE-compliant
Fieldbus Foundation	FF-831
ATEX	Sira 11ATEX4216X; II 3 G Ex nA nC IIC T4 Gc
IECEX	IECEX SIR 11.0097X; Ex nA nC IIC T4 Gc
CSA, USA/Canada	Class I, Div. 2, Groups A, B, C, D; Ex nA nC IIC T4 Class I, Zone 2, AEx nA nC IIC T4

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Classifications

### eCl@ss

eCl@ss 10.0.1	27242692
eCl@ss 11.0	27242692
eCl@ss 5.1	27242600
eCl@ss 6.0	27242600
eCl@ss 7.0	27242611
eCl@ss 9.0	27242692

### ETIM

ETIM 4.0	EC002583
ETIM 6.0	EC002584
ETIM 7.0	EC002584