

Power distributor - FB-PS-BASE/EX - 2316145

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Base for fieldbus power supply plugs. Provides redundancy when 2 plugs are installed. Redundancy is maintained across multiple bases via internal power buses. Additional internal bus provides remote indication.



Key commercial data

| | |
|--------------------------------------|---------------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 332.0 GRM |
| Custom tariff number | 85389099 |
| Country of origin | United States |

Technical data

Note

| | |
|-------------------------|---|
| Utilization restriction | EMC: class A product, see manufacturer's declaration in the download area |
|-------------------------|---|

Dimensions

| | |
|--------|----------|
| Width | 36 mm |
| Height | 202.5 mm |
| Depth | 61.5 mm |

Ambient conditions

| | |
|--|----------------------------------|
| Degree of protection | IP20 (when D-FB-PS is installed) |
| Ambient temperature (operation) | -40 °C ... 70 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |
| Max. permissible relative humidity (operation) | 95 % (non-condensing) |

Input data

| | |
|-----------------------------|-----------------------------------|
| Nominal input current I_N | 10 A (per input power connection) |
|-----------------------------|-----------------------------------|

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Input data

| | |
|---------------------------|---------------------|
| Maximum current I_{max} | 850 mA (per module) |
|---------------------------|---------------------|

General

| | |
|-------------------|--|
| Net weight | 259 g |
| Mounting position | On horizontal DIN rail NS 35 in acc. with EN 60715 |

Connection data, input

| | |
|--|---------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| Conductor cross section AWG/kcmil min. | 30 |
| Conductor cross section AWG/kcmil max | 12 |

Safety data

| | |
|---------------------------|--|
| Input voltage U_i | 60 V (alarm contact) |
| Input current I_i | 150 mA (alarm contact) |
| Max. output voltage U_o | 30 V DC (trunk and host) |
| Max. output current I_o | 150 mA (alarm contact) |
| ATEX | Sira 11ATEX4216X; # II 3 G Ex nA nL IIC T4 Gc |
| IECEX | IECEX SIR 11.0097X; Ex nA nL IIC T4 Gc |
| CSA, USA/Canada | Class I, Div. 2, Groups A, B, C, D; Ex nA nL IIC T4; Class I, Zone 2, AEx nA nC IIC T4 |

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 8.0 | 27242610 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC000310 |
| ETIM 4.0 | EC000599 |
| ETIM 5.0 | EC002498 |

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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 |

Drawings

Block diagram

