

Power supply

FSP065-RBBN3



- DC jack with lock mechanism
- Package includes EU-type F and US-type B power cords and hook-and-loop fastener

Power supply for BTC12 and BTC14 Industrial thin clients

Function

The FSP065-RBBN3 is an AC/DC power supply for use with the BTC12 industrial box thin client. The power supply comes with a mechanical lock on the DC connector for strain relief. The package includes a hook-and-loop fastener to affix the power supply in installations, as well as 1 x EU-type F power cord and 1 x US-type B power cord. The following power cords can be ordered separately: Type G, BS 1363 (UK), Type I, AS 3112 (AUS), Type J, SEV 1011 (CH), Type L, CEI 23-16-VII (IT), and Type K, IEC 60906-1 (DK).

Technical Data

General specifications

Type	Switching power supply, class I
Corresponds to	FSP065-RBBN3 from manufacturer FSP Group Inc.
MTBF	100000 h confidence level 90% at 25 °C

Supply

Input voltage	100 ... 240 V AC
Input current	1.5 A
Input frequency	50 ... 60 Hz

Output

Output rated operating current	3.42 A (at typical voltage, 0 ... 40 °C)
Output voltage	19 V (18.05 ... 19.95 V DC)
Power	65 W (at typical voltage, 0 ... 40 °C)

Directive conformity

Electromagnetic compatibility	
Directive 2014/30/EU	EN 55032:2012+AC:2013 EN 55024:2010 IEC 61000-3-2:2014 IEC 61000-3-3:2013
Low voltage	
Directive 2014/35/EU	IEC 60950-1:2006+A11+A1+A12+A2 IEC 62368-1:2014
RoHS	
Directive 2011/65/EU (RoHS)	EN 50581:2012

Ambient conditions

Operating temperature	-20 ... 60 °C (-4 ... 140 °F) 0 ... 40 °C, 100 % load 50 °C, 70 % load 60 °C, 60 % load
Storage temperature	-20 ... 80 °C (-4 ... 176 °F)

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Technical Data

Relative humidity	operating: 20 ... 80 % storage: 10 ... 90 %
Altitude	5000 m above MSL
Mechanical specifications	
Connection	Input: Connection AC: C6, Class 1 Output: Connection DC: 5.5 / 2.5 DC jack, lockable
Dimensions	108.3 mm x 46.3 mm x 30 mm (l x w x h)
International approvals	
Approved for	CE, FCC, UL/cUL listed, CCC, TÜV/GS , Australian GEMS regulation, IC, KCC, AS/NZS CISPR 32:2013, CISPR 32:2012, AS/NZS 60950.1:2015 (UL AUS and NZ), UL 62368-1, and CSA C22.2 No. 62368-1-14
General information	
Supplementary information	Observe the certificates, declarations of conformity, instruction manuals, and manuals where applicable. For information see www.pepperl-fuchs.com .

Accessories

Model number	Description
S-BN-19/1800-UK1	Miniature power supply cable with protective earth pin. Type: IEC-60320-C5 Country: United Kingdom, Ireland (Type G, BS 1363) Length: approx. 1.8 m
S-BN-19/1800-AU1	Miniature power supply cable with protective earth pin. Type: IEC-60320-C5 Country: Australia (Type I, AS 3112) Length: approx. 1.8 m
S-BN-19/1800-CH1	Miniature power supply cable with protective earth pin. Type: IEC-60320-C5 Country: Switzerland (Type J, SEV 1011) Length: approx. 1.8 m
S-BN-19/1800-IT1	Miniature power supply cable with protective earth pin. Type: IEC-60320-C5 Country: Italy (Type L, CEI 32-16-VII) Length: approx. 1.8 m
S-BN-19/1800-DK1	Miniature power supply cable with protective earth pin. Type: IEC-60320-C5 Country: Denmark (Type K, IEC 60906-1) Length: approx 1.8 m