



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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FLM BT BS 3

Order No.: 2736770



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2736770>

Wireless IO base station for up to three Wireless IO devices, transmission power max. 20 dBm adjustable; Bluetooth V1.2; frequency band 2.4 GHz; 1 wireless interface; WLAN-BlackChannelList; LEM; country approvals; Fieldline Modular M12 local bus connection

| Commercial data | |
|--------------------------|---|
| GTIN (EAN) | 4 046356 042673  |
| sales group | L084 |
| Pack | 1 pcs. |
| Customs tariff | 85176200 |
| Catalog page information | Page 212 (AX-2009) |

Product notes

WEEE/RoHS-compliant since: 09/28/2009



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

| Interface | |
|-----------------|-----------------------------|
| Fieldbus system | INTERBUS |
| Name | Fieldline Modular local bus |

| | |
|-------------------------|--|
| Type of connection | M12 connector, B-coded |
| Transmission speed | 500 kBaud / 2 MBaud (data rate can be changed via pin 5 (voltage supply ULS)) |
| Transmission physics | Copper |
| Address area assignment | 3 ... 12 words, variable, depending on type and number of wireless modules connected |

Wireless interface

| | |
|--|--|
| Name | Bluetooth |
| Wireless standard | Bluetooth 1.2 |
| Frequency range | 2.402 GHz ... 2.48 GHz (ISM bandwidth) |
| Transmission power | 8 dBm (6.3 mW, controlled automatically) |
| Wireless modules that can be connected | Up to 3 |

Antenna

| | |
|-----------------------|--------------------------|
| Assembly instructions | OMNI antenna is included |
| Number | 1 |
| Type of connection | SMA (male) |

Power supply for module electronics

| | |
|----------------------|--|
| Type of connection | M12 circular connector |
| Supply voltage | 24 V DC |
| Supply voltage range | 19.2 V DC ... 30 V DC (including ripple) |
| Supply current | < 100 mA |

General data

| | |
|----------------------------------|--|
| Width | 70.5 mm |
| Height | 178.5 mm |
| Depth | 50 mm |
| Drill hole spacing | 168 mm |
| Weight | 255 g |
| Mounting type | Wall mounting |
| Ambient temperature (operation) | -25 °C ... 60 °C |
| Permissible humidity (operation) | 95 % |
| Air pressure (operation) | 795 hPa ... 1080 hPa (up to 2000 m above mean sea level) |
| Degree of protection | IP65 |
| Protection class | III, IEC 61140, EN 61140, VDE 0140-1 |

| | |
|------------------|--|
| Mechanical tests | Shock in acc. with IEC 60068-2-27:1997 25g |
| | Vibration (operation) in acc. with IEC 60068-2-6:1982 5g |

| | |
|-------------------|--|
| Wireless licences | Australia (Special rule: Please contact the Product Manager) |
| | Belgium |
| | Bulgaria |
| | Denmark |
| | Germany |
| | Estonia |
| | Finland |
| | France |
| | Greece |
| | Great Britain |
| | Ireland |
| | Iceland |
| | Israel |
| | Italy |
| | Canada |
| | Latvia |
| | Liechtenstein |
| | Lithuania |
| | Luxembourg |
| | Malta |
| | The Netherlands |
| | Norway |
| | Austria |
| | Poland |
| | Portugal |
| | Romania |
| | Russia (Special rule: Please contact the Product Manager) |
| | Sweden |
| | Switzerland |
| | Singapore |
| | Slovakia |
| | Slovenia |
| | Spain |
| | Czech Republic |
| | Turkey |
| | Hungary |
| | USA |
| | Cyprus (rep.) |

Certificates / Approvals



Certification

CUL, UL

Accessories

| Item | Designation | Description |
|-----------------|-------------------|--|
| Software | | |
| 2692254 | FL WST BASIC | Simulation software for supporting the planning of wireless systems in industrial environments. Thus, the later number and position of wireless components can be estimated and the quality of the radio coverage simulated. |
| 2692377 | FL WST BASIC DEMO | Simulation software for supporting the planning of wireless systems in industrial environments. Their functionality is limited with regard to the memory options as compared with the full version FL WST BASIC. |

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