




Product information BAT300-F FCC

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| Industrial Ethernet:Industrial Wireless LAN:Chassis:BAT-F:BAT300-F FCC | |
| http://e-catalog.hirschmann.com/link/57078-24455-49859-24497-78529-46011/en/conf/uisstate | |
| Name | BAT300-F FCC |
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| | Dualband Ruggedized Industrial Wireless LAN Access Point/Client with one radio module with IEEE 802.11n for installation in harsh environment. |
| Delivery informations | |
| Availability | available |
| Product description | |
| Description | Dualband Ruggedized Industrial Wireless LAN Access Point/Client with one radio module with IEEE 802.11n for installation in harsh environment. |
| Port type and quantity | 1 x WLAN interface, up to 8 SSIDs per WLAN interface, one LAN port 10/100BASE-TX, autosensing, Power over Ethernet according to IEEE 802.3af |
| Type | BAT300-F FCC |
| Order No. | 943 959-018 |
| Radio technology | |
| Antenna connector | 3 x N jack antenna connectors |
| Range | depending on type of antenna, frequency range and data rate - please use the antenna distance calculator |
| Frequency band | 1 x radio module, supporting 2.4 GHz and 5 GHz: 2400-2483.5 MHz (ISM) and 5170-5850 MHz |
| Modulation | 22M0F7D(DSSS/OFDM) @ 2.4 GHz 20M0G7D (OFDM) @ 5 GHz |
| Radio topology | WLAN access point, bridge, router, point-to-point, client, client-bridge mode, WDS - Wireless Distribution System, fixed mesh with RSTP |
| Power requirements | |
| Operating voltage | 2 x DC 24 V; DC 12 V 1 x Power over Ethernet according to IEEE802.3af; all power supplies redundant to each other |
| Current consumption at 24 V DC | 417 mA |
| Current consumption | DC 12 V: 625 mA; DC 24 V: 417 mA; PoE (48 V DC): 167 mA |
| Ambient conditions | |
| Operation temperature | -30 °C to +55 °C |
| Storage/transport temperature | -40 °C to +70 °C |
| Relative humidity (non-condensing) | max. 95% |
| MTBF | 43.3 years |
| Mechanical construction | |
| Dimensions (W x H x D) | 261 mm x 189 mm x 55 mm |
| Mounting | for wall and mast mounting |
| Protection class | IP 65/IP 67 |
| Approvals | |
| Safety of information technology equipment | EN 60950 |
| Radio | For other notifications or certifications please refer to INET-Sales@hirschmann.de |
| Environmental | EN 61000-6-2, EN 61131 for use in automation environment; E1 certification for use in vehicles; EN50155 for use in trains; Tested for salt spray according to DIN EN 60068-2-52 |
| Scope of delivery and accessories | |
| Scope of delivery | Device, 3 dipole antennas, CD, M12 connector, 2 x 50 Ohm terminator, mounting material |
| Accessories to order separately | External antennas for 802.11b/g/n and 802.11a/h/n operation adapter cable and surge arrester, mast mount material |

For more information please contact:

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