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Product information BAT54-Rail Client - FCC

Industrial Ethernet:Archive - Industrial Ethernet:Industrial Wireless LAN:Chassis:BAT54-Rail Client - FCC

<http://www.e-catalog.beldensolutions.com/link/57078-24455-49814-49859-24497-40940/en/conf/ui/state>

| Name | | BAT54-Rail Client - FCC |
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| | |  |
| | | Dualband industrial Wireless LAN access point/client with two independent radio modules with IEEE 802.11a/b/g/h/i. With FCC-approval for USA and Canada.replaced by order number: 943 926-522 |
| Delivery informations | | |
| Availability | | not available |
| Product description | | |
| Description | | Dualband industrial Wireless LAN access point/client with two independent radio modules with IEEE 802.11a/b/g/h/i. With FCC-approval for USA and Canada. replaced by order number: 943 926-522 |
| Port type and quantity | | 1 x WLAN interface, up to 8 SSIDs, 1 x LAN port 10/100 BASE-TX, autosensing, Power over Ethernet according to IEEE 802.3af |
| Type | | BAT54-Rail Client - FCC |
| Order No. | | 943 926-502 |
| Radio technology | | |
| Antenna connector | | 2 x RP-SMA jack antenna connectors |
| Range | | Up to 20 km with external antenna (depending on type of antenna, frequency range and data rate) |
| Frequency band | | 1 x radio module, 2.4 GHz and 5 GHz: 2400-2483.5 MHz (ISM) and 5170-5810 MHz |
| Modulation | | 22M0F7D(DSSS/OFDM) @ 2.4 GHz 20M0G7D (OFDM) @ 5 GHz |
| Radio topology | | WLAN access client-, client-bridge-modus, fixed mesh with RSTP |
| Power requirements | | |
| Operating voltage | | 2 x DC 24 V; DC 12 V external power supply (230 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 +50 °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) | | 80 mm x 100 mm x 135 mm |
| Mounting | | for wall and Din Rail mounting |
| Protection class | | IP 40 |
| Approvals | | |
| Safety of information technology equipment | | EN 60950 |
| Radio | | FCC IDENTIFIER: U99BAT54RAIL IC certification number: 4019A-BAT54R For other notifications or certifications please refer to INET-Sales@hirschmann.de |
| Environmental | | EN 61000-6-2, EN 61131 for operation in automation environment EMC approval for E1 certification (cars and vehicles) available |
| Scope of delivery and accessories | | |
| Scope of delivery | | Device, CD, serial cable, Ethernet cable (3 m), 2 x 3-dBi-Dipol - Dualband antennas, Rail mount material, 1 x 50 Ohm terminator |
| Accessories to order separately | | External antennas for 802.11b/g and 802.11a/h operation; adapter cable and surge arrestor |



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For more information please contact:

Hirschmann Automation and Control GmbH

Stuttgarter Strasse 45-51

72654 Neckartenzlingen

Germany

Phone: +49 7127/14-1809

E-Mail: inet-sales@belden.com

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