




Product information BAT54-Rail Client

Industrial Ethernet:Industrial Wireless LAN:Chassis:BAT-Rail:BAT54-Rail Client

<http://e-catalog.hirschmann.com/link/57078-24455-49859-24497-78528-64378/en/conf/ui/state>

| | |
|---|---|
| Name | BAT54-Rail Client |
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| | Dualband industrial Wireless LAN client with one radio module with IEEE 802.11a/b/g/h/i |
| Delivery informations | |
| Availability | available |
| Product description | |
| Description | Dualband industrial Wireless LAN client with one radio module with IEEE 802.11a/b/g/h/i |
| Port type and quantity | 1 x WLAN interface, one LAN port 10/100 BASE-TX, autosensing, Power over Ethernet according to IEEE 802.3af |
| Type | BAT54-Rail Client |
| Order No. | 943 926-521 |
| Radio technology | |
| Antenna connector | 2 x RP-SMA jack antenna connectors |
| Range | 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 ; 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 | EN 300328, EN 301893, notified in all countries of EU. 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; Atex Zone 2, II 3G Ex nA II T4, -30°C...+50°C; DEKRA 11ATEX0007 X |
| Scope of delivery and accessories | |
| Scope of delivery | Device, CD, serial cable, 2 x 3-dBi-Dipol - Dualband antennas, 2 x 50 Ohm terminators |
| Accessories to order separately | External antennas for 802.11b/g and 802.11a/h operation; adapter cable and surge arrestor |



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