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Product information BAT54-Rail - FCC

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

<http://www.e-catalog.beldensolutions.com/link/57078-24455-49814-49859-24497-40557/en/conf/ui/state>

Name		BAT54-Rail - FCC
		
		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: 943 926-022
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: 943 926-022
Port type and quantity		2 x WLAN interfaces, up to 8 SSIDs per WLAN interface, two LAN ports 10/100BASE-TX, autosensing, Power over Ethernet according to IEEE 802.3af
Type		BAT54-Rail - FCC
Order No.		943 926-002
Radio technology		
Antenna connector		4 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		2 x independent radio modules, each 2.4 GHz and 5 GHz: 2400-2483,5 MHz (ISM) and 5150-5850 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, fixed mesh with RSTP
Power requirements		
Operating voltage		2 x DC 24 V; DC 12 V external power supply (230 V) 2 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, 2 x 50 Ohm terminators, Rail mount material
Accessories to order separately		External antennas for 802.11b/g and 802.11a/h operation; adapter cable and surge arrestor



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