


Product information

BAT54-Rail

Industrial Ethernet:Industrial Wireless LAN:Chassis:BAT-Rail:BAT54-Rail	
http://e-catalog.hirschmann.com/link/57078-24455-49859-24497-78528-64178/en/conf/ui/state	
Name	BAT54-Rail
	
	Dualband Industrial Wireless LAN Access Point/Client with two independent radio modules with IEEE 802.11a/b/g/h/i
Delivery informations	
Availability	available
Product description	
Description	Dualband Industrial Wireless LAN Access Point/Client with two independent radio modules with IEEE 802.11a/b/g/h/i
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
Order No.	943 926-021
Radio technology	
Antenna connector	4 x RP-SMA jack antenna connectors
Range	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, 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 +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 arrester



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