


Product information

BAT54-F X2 FCC

Industrial Ethernet:Archive - Industrial Ethernet:Industrial Wireless LAN:Chassis:BAT54-F X2 FCC

<http://www.e-catalog.beldensolutions.com/link/57078-24455-49814-49859-24497-40603/en/conf/uistate>

Name		BAT54-F X2 FCC
		
		Dualband Ruggedized Industrial Wireless LAN Access Point/Client with two independent radio modules with IEEE 802.11a/b/g/h/i for installation in hazardous environment, with FCC-approval for USA and Canada.replaced by order number: 943 959-002
Delivery informations		
Availability		not available
Product description		
Description		Dualband Ruggedized Industrial Wireless LAN Access Point/Client with two independent radio modules with IEEE 802.11a/b/g/h/i for installation in hazardous environment, with FCC-approval for USA and Canada. replaced by order number: 943 959-002
Port type and quantity		2 x WLAN interfaces, up to 8 SSIDs per WLAN interface, one LAN port 10/100BASE-TX, autosensing, Power over Ethernet according to IEEE 802.3af
Type		BAT54-F X2 FCC
Order No.		943 959-001
Radio technology		
Antenna connector		4 x N-type 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 5170-5810 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; 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 24 V: 417 mA; PoE (DC 48 V): 167 mA
Ambient conditions		
Operation temperature		-20 °C up to +55 °C
Storage/transport temperature		-40 °C up to +70 °C
Relative humidity (non-condensing)		max. 95%
MTBF		43.3 years
Mechanical construction		
Dimensions (W x H x D)		307 mm x 270 mm x 60 mm
Mounting		for wall and mast mounting
Protection class		IP 65, IP 67
Approvals		
Safety of information technology equipment		EN 60950
Radio		EN 300328, EN 301893, Certifications for FCC and Singapore
Environmental		IEC-60079 ZONE 2, GAS GROUP IIC, TEMPERATURE CLASS T4 for hazardous environment
Scope of delivery and accessories		
Scope of delivery		Device, CD, M12 connector, 2 x 50 Ohm terminators, mounting material
Accessories to order separately		External antennas for 802.11b/g and 802.11a/h operation adapter cable and surge arrestor, mast mount material



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