FL BT MOD IO AP

Order No.: 2884758

Factory Line Wireless Bluetooth Modbus I/O access point; Bluetooth 1.2; connects up to seven wireless I/O modules; 128-bit data encryption, MAC filter, authentication, PIN; web-based management; with omni-directional antenna

Commercial data

EAN	4046356173117
Pack	1 pcs.
Customs tariff	85176200
Weight/Piece	0.2476 KG
Catalog page information	Page 213 (AX-2009)

Product notes

WEEE/RoHS-compliant since: 08/29/2008

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Technical data

Ethernet interface

Interface	Ethernet
No.	1
Type of connection	RJ45 female connector

Wireless interface

Name	Bluetooth
Frequency range	ISM 2.4 GHz
Transmission capacity	Max. 14 dBm (with automatic control)
Number of wireless interfaces	1
Wireless modules that can be connected	7 (FLM BT DIO 8/8 M12, ILB BT ADIO 2/2/16/16)
Profiles supported	HID

Wireless card

No.	1
Type	Bluetooth 2.4 GHz up to 1 Mbps
Assembly instructions	Permanently installed

Antenna

Assembly instructions	External OMNI omnidirectional antenna, antennas can be exchanged
No.	1
Type of connection	SMA (male)

Power supply for module electronics

Type of connection	Via COMBICON
Supply voltage	24 V DC
Range of supply voltages	9 V DC ... 30 V DC
Supply current	200 mA

Functions

Operating modes	Access point for wireless I/O
Configuration	Web-based management
Automatic channel selection	FHSS, AFH
Security	128 bit data encoding
	MAC filter
	Authentication
	PIN
	Non-discoverable

Certificates / Approvals

Certification	CUL Listed, UL Listed
Certification Ex:	CUL-EX, UL-EX

Accessories

Item	Designation	Description
General		
2884949	FL BT ADAPTER	The DIN rail adapter is required to snap the Bluetooth devices FL BLUETOOTH AP, FL BT MOD IO AP, FL WLAN SPA and FL BT SPA onto a DIN rail. To do this, it is mounted on the respective device using the two enclosed screws.
Software		
2692254	FL WST BASIC	Simulation software for supporting the planning of wireless systems in industrial environments. Thus, the later number and position of wireless components can be estimated and the quality of the radio coverage simulated.
2692377	FL WST BASIC DEMO CD	Simulation software for supporting the planning of wireless systems in industrial environments. Their functionality is limited with regard to the memory options as compared with the full version FL WST BASIC.

Address

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