



Automatización Eléctrica
Especialistas en Automatización

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Wireless set - ILB BT ADIO MUX-PANEL - 2884509

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Wireless-MUX set, two modules with 16 digital inputs and outputs and 2 analog inputs and outputs (4 - 20 mA, 0 - 10 V) each, panel antennas with 1.0 m cable, 24 V DC supply voltage



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 049696

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	95 mm
Height	119.8 mm
Depth	57 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
Permissible humidity (operation)	95 % (non-condensing)
Permissible humidity (storage/transport)	95 %
Air pressure (operation)	795 hPa ... 1080 hPa (up to 2000 m above mean sea level)
Degree of protection	IP20

Wireless interface

Designation	Bluetooth
Wireless standard	Bluetooth 1.2
Antenna connection method	MCX (female)
Frequency range	2.402 GHz ... 2.48 GHz (ISM bandwidth)

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Wireless interface

Transmission power	8 dBm (8 dBm, with automatic control)
Receiver sensitivity	-88 dBm

Antenna

Assembly instructions	PANEL directional wireless antenna, 8 dBi, with fixing bracket, 1 m cable
Number	1
Connection method	MCX (male)

Power supply for module electronics

Connection method	Inline connector
Supply voltage	24 V DC
Supply voltage range	19.2 V DC ... 30 V DC (including ripple)
Supply current	< 100 mA

Digital inputs

Input name	Digital inputs
Connection method	Spring-cage connection
	1-wire
Number of inputs	16
Filter time	500 µs
Input characteristic curve	IEC 61131-2 type 1

Digital outputs

Output name	Digital outputs
Connection method	Spring-cage connection
	1-wire
Number of outputs	16
Protective circuit	Short-circuit protection, overload protection, protected against reverse voltages
Maximum output current per channel	500 mA

Analog inputs

Number of inputs	2
Input name	Analog inputs
Measured value resolution	12 bits
Current input signal	0 mA ... 0.02 A
Voltage input signal	0 V ... 10 V

Analog outputs

Number of outputs	2
Output name	Analog outputs
DAC resolution	12 Bit
Current output signal	0 mA ... 0.02 A
Voltage output signal	0 V ... 10 V

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Technical data

General

Net weight	1014.9 g
Mounting type	DIN rail
MTBF	465 Years (Telcordia standard, 25°C temperature, 21% operating cycle (5 days a week, 8 hours a day))
	140 Years (Telcordia standard, 40°C temperature, 34.25% operating cycle (5 days a week, 12 hours a day))
Diagnostics messages	Short-circuit / overload of the digital outputs LED
	Wireless connection FS LED
	Logic and actuator voltage LED
	Link quality of the wireless connection 4 LEDs
Wireless licences	Australia (Special rule: Please contact the Product Manager)
	Belgium
	Bulgaria
	Denmark
	Germany
	Estonia
	Finland
	France
	Greece
	Great Britain
	Ireland
	Iceland
	Israel
	Italy
	Canada
	Latvia
	Liechtenstein
	Lithuania
	Luxembourg
	Malta
	Netherlands
Norway	
Austria	
Poland	
Portugal	
Romania	
Russia (Special rule: Please contact the Product Manager)	
Sweden	
Switzerland	
Singapore	
Slovakia	

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Technical data

General

	Slovenia
	Spain
	South Africa
	Czech Republic
	Turkey
	Hungary
	USA
	Cyprus (rep.)
Mounting type	DIN rail mounting

Standards and Regulations

Mechanical tests	Shock in acc. with EN 60068-2-27/IEC 60068-2-27 25g
	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 5g
Connection in acc. with standard	CUL
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

Classifications

eCl@ss

eCl@ss 4.0	27250302
eCl@ss 4.1	27250302
eCl@ss 5.0	27250302
eCl@ss 5.1	27242604
eCl@ss 6.0	27242602
eCl@ss 7.0	27242602
eCl@ss 8.0	27242602

ETIM

ETIM 2.0	EC001430
ETIM 3.0	EC001599
ETIM 4.0	EC001599
ETIM 5.0	EC001597

UNSPSC

UNSPSC 6.01	20142601
UNSPSC 7.0901	20142601
UNSPSC 11	20142601
UNSPSC 12.01	20142601
UNSPSC 13.2	20142601

Approvals

Approvals

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Approvals


Approvals

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted


Approval details

UL Recognized 

cUL Recognized 

EAC

EAC

cULus Recognized 

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- Purchasing management, order record and tracking of shipments.

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Product	Code	Reference	Product link
Wireless-MUX set, two modules with 16 digital inputs and outputs and 2 analog inputs and outputs (4 - 20 mA, 0 - 10 V) each, panel antennas with 1.0 m cable, 24 V DC supply voltage	2884509	ILB BT ADIO MUX-PANEL	Buy on EAN