

Product data sheet

Characteristics

ZARB12H

standard, Harmony eXLhoist, Base station,
12 relay outputs, industrial plug connection,
24...48 V AC/DC

Main

Range of product	Harmony eXLhoist
Product or component type	Base station
Device short name	ZARB
Product specific application	Material handling Hoisting applications

Complementary

Connector type	Industrial socket
Cable entry	Cable gland
Material	PC (polycarbonate)
[Us] rated supply voltage	24...48 V AC/DC
Vibration resistance	0.075 mm (f = 10...55 Hz)
Shock resistance	15 gn 11 ms
Provided equipment	Internal antenna
Nominal output current	0.54 A at 48 V AC conforming to IEC 60947-5-1
Number of relays	12
Relay type	Motion relay outputs with 9 NO contact Auxiliary relay outputs with 3 NO contact
Safety outputs	2 NC relay outputs
Switching capacity in VA	5 VA DC 26 VA AC
Maximum switching current	6.8 mA
Maximum switching voltage	48 V AC/DC (+/- 20 %)
Communication network type	Wireless: bluetooth low energy
Transmission frequency	2.4 GHz
Maximum sensing distance	100 m in free field
Number of channels	40
Fixing mode	4 holes
Electrical durability	100000 cycles
Mechanical durability	1000000 cycles
Service life	10 year(s)
Width	280 mm
Height	305 mm
Depth	100 mm
Net weight	1.45 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

IP degree of protection	IP65
NEMA degree of protection	NEMA 4
Pollution degree	3
Electromagnetic compatibility	Resistance to electrostatic discharge - test level: 4 kV class B (on contact) conforming to IEC 61000-4-2 Resistance to electrostatic discharge - test level: 8 kV class B (in air) conforming to IEC 61000-4-2 Resistance to radiated electromagnetic fields - test level: 10 V/m class B conforming to IEC 61000-4-3
Standards	IEC 61000-6-2
Radio agreement	ANATEL RSS SRRC ARIB ICASA FCC
Relative humidity	0...97 %
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Product certifications	CE[RETURN]KC[RETURN]C-Tick[RETURN]UL[RETURN]EAC[RETURN]CSA

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.2 cm
Package 1 Width	29.0 cm
Package 1 Length	30.2 cm
Package 1 Weight	1.623 kg
Unit Type of Package 2	S04
Number of Units in Package 2	4
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	7.337 kg

Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins