

ZARB18HM

18 relay outputs – Industrial plug connection used in MBC (Tandem) application



Main

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

Complementary

Connector type	Industrial socket
Cable entry	Cable gland
Material	PC (polycarbonate)
[Us] rated supply voltage	24...48 V AC/DC
Provided equipment	Internal antenna
Nominal output current	0.54 A at 48 V AC conforming to IEC 60947-5-1
Number of relays	18
Relay type	Motion relay outputs (9 NO) Auxiliary relay outputs (7 NO) Auxiliary relay outputs (2 NC + 2 NO)
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
Response time	100 ms
Number of channels	40
Fixing mode	4 holes
Electrical durability	100000 cycles
Mechanical durability	1000000 cycles
Number of alarms	6 programmable alarms
Number of inputs	12
Service life	10 yr
Width	280 mm
Height	305 mm
Depth	100 mm
Product weight	1.45 kg

Environment

vibration resistance	0.075 mm (f= 10...55 Hz)
shock resistance	15 gn at 11 ms
IP degree of protection	IP65
NEMA degree of protection	NEMA 4
pollution degree	3

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electromagnetic compatibility

Resistance to radiated electromagnetic fields : 10 V/m class B conforming to IEC 61000-4-3
Resistance to electrostatic discharge : 4 kV class B (on contact) conforming to IEC 61000-4-2
Resistance to electrostatic discharge : 8 kV class B (in air) conforming to IEC 61000-4-2

standards	IEC 61000-6-2
radio agreement	ANATEL SRRC FCC RSS ICASA ARIB
relative humidity	0...97 %
ambient air temperature for operation	> -25...70 °C
ambient air temperature for storage	> -40...70 °C
product certifications	CE CSA C-Tick UL EAC KC
environmental characteristic	RoHS compliant

Dimensions

