

ZARB18HM

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



Main

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

Complementary

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|----------------------------|--|
| 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

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|---------------------------|--------------------------|
| 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

