

XZBA41D1S13

ZPA control Box- M12 & M8 remote connection- sensor and actuator connection IP67



Main

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|------------------------------|------------------------|
| Range of product | OsiSense XU |
| Product or component type | Control box |
| Product compatibility | Electronic sensors |
| Product specific application | Conveying applications |
| Enclosure material | Plastic |

Complementary

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| [Ue] rated operational voltage | 24 V DC |
| Input/Output number | 5 |
| Discrete input voltage | 24 V DC |
| Discrete input type | NPN (I4 terminals) PNP (I3 terminals) |
| Discrete output current | 200 mA (I4 terminals) 45 mA (I3 terminals) |
| Sensor power supply | 18...30 V at 280 mA, protection type: overload, short-circuit and reverse polarity protection |
| Electrical connection | 1 remote female connector, connector type: M8, cable length: 2 m - encoding type: A coding, 4 ways , circuit application: sensor input (I3 terminals) 1 remote male connector, connector type: M12, cable length: 1 m - encoding type: A coding, 4 ways - location: downstream link (I5 terminals) 1 female connector, connector type: M12 - encoding type: A coding, 4 ways - location: upstream link (I1 terminals) 1 female connector, connector type: M12 - encoding type: A coding, 4 ways , circuit application: transmitter supply (I2 terminals) 1 female connector, connector type: M12 - encoding type: A coding, 4 ways , circuit application: output control relay (I4 terminals) |
| Local signalling | 1 LED (yellow) for upstream load 1 LED (red) for wake up 1 LED (green) for input status 1 LED (yellow) for output relay state 1 LED (green) for downstream load |
| Operating position | Any position |
| Fixing mode | By 2 screws |
| Product weight | 0.18 kg |

Environment

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| Marking | CE |
| Ambient air temperature for operation | -10...60 °C |
| Ambient air temperature for storage | -25...85 °C |
| Relative humidity | 5...95 % without condensation or dripping water |
| Pollution degree | 3 conforming to EN/IEC 60664 |
| IP degree of protection | IP67 conforming to IEC 60529 |
| Vibration resistance | 5 gn (f= 36...150 Hz) conforming to EN/IEC 60068-2-6 0.7 gn (f= 13.2...100 Hz) conforming to GL +/- 1 mm (f= 2...36 Hz) conforming to EN/IEC 60068-2-6 +/- 1 mm (f= 2...13.2 Hz) conforming to GL |

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.

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| Shock resistance | 30 gn for 11 ms conforming to IEC 60068-2-27 |
| Electromagnetic compatibility | <p>Conducted RF disturbances at 10 V 150 kHz...80 MHz conforming to EN/IEC 61000-4-6</p> <p>1.2/50 μs shock waves immunity test at 1 kV shielded links (differential mode) conforming to EN/IEC 61000-4-5</p> <p>1.2/50 μs shock waves immunity test at 0.5 kV shielded links (common mode) conforming to EN/IEC 61000-4-5</p> <p>1.2/50 μs shock waves immunity test at 1 kV unshielded links (differential mode) conforming to EN/IEC 61000-4-5</p> <p>1.2/50 μs shock waves immunity test at 0.5 kV unshielded links (common mode) conforming to EN/IEC 61000-4-5</p> <p>1.2/50 μs shock waves immunity test at 1 kV power supply (differential mode) conforming to EN/IEC 61000-4-5</p> <p>1.2/50 μs shock waves immunity test at 0.5 kV power supply (common mode) conforming to EN/IEC 61000-4-5</p> <p>Electrical fast transient/burst immunity test at 1 kV shielded cable conforming to EN/IEC 61000-4-4</p> <p>Electrical fast transient/burst immunity test at 1 kV input/output conforming to EN/IEC 61000-4-4</p> <p>Electrical fast transient/burst immunity test at 2 kV power supply conforming to EN/IEC 61000-4-4</p> <p>Susceptibility to electromagnetic fields at 10 V/m 80...2000 MHz conforming to EN/IEC 61000-4-3</p> <p>Susceptibility to electromagnetic fields at 1 V/m 2...2.7 GHz conforming to EN/IEC 61000-4-3</p> <p>Electrostatic discharge immunity test at 8 kV in air conforming to EN/IEC 61000-4-2</p> <p>Electrostatic discharge immunity test at 4 kV on contact conforming to EN/IEC 61000-4-2</p> |