

Product data sheet

Specifications



PowerTag C IO 230V digital input output module

A9XMC1D3

Main

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|----------------------------|--|
| Range | PowerTag |
| Product or component type | Input and output module |
| Device short name | PowerTag C IO 230V |
| Product name | PowerTag Control |
| Concentrator compatibility | Acti9 PowerTag Link C Wiser IP module Acti9 PowerTag Link Acti9 PowerTag Link HD |
| Range compatibility | impulse relay contactor iACTs remote indication auxiliary iATLs remote indication auxiliary |

Complementary

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| [Us] rated supply voltage | 230 V AC (+/- 20 %) |
| Network frequency | 50/60 Hz |
| Power consumption in VA | 2 VA |
| Digital input number | 1 |
| Input type | Dry contact 230 V AC 2 mA |
| Voltage state 1 guaranteed | >= 164 V for digital input |
| Voltage state 0 guaranteed | <= 40 V for digital input |
| Current state 1 guaranteed | >= 2 mA (digital input) |
| Current state 0 guaranteed | <= 0.5 mA (digital input) |
| Digital output number | 1 |
| Output type | Dry contact 230 V 0.01...2 A AC |
| Discrete output type | Configurable relay logic |
| Output function | NO/NC programmable |
| Mechanical durability | 100000 cycles for output |
| Mounting mode | Clip-on |
| Mounting support | DIN rail |
| Local signalling | Green, orange and red LED for product status |
| Impulse duration | 300 ms by default - 0 ms, + 300 ms |

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| Time between 2 impulse | 100 ms minimum - tolerance: - 0 ms, + 300 ms |
| Colour | White (RAL 9003) |
| 9 mm pitches | 2 |
| Height | 85 mm |
| Width | 18 mm |
| Material | PA6 GF30 |
| Depth | 62 mm |
| Net weight | 80 g |
| Connections - terminals | Tunnel type terminals (top) - 1 cable(s) 1...16 mm ² (AWG 18...AWG 16) - rigid Tunnel type terminals (top) - 1 cable(s) 0.5...10 mm ² (AWG 21...AWG 8) - flexible Tunnel type terminals (bottom) - 1 cable(s) 1...6 mm ² (AWG 18...AWG 10) - rigid Tunnel type terminals (bottom) - 1 cable(s) 0.5...4 mm ² (AWG 21...AWG 12) - flexible Tunnel type terminals (bottom) - 1 cable(s) 0.5...4 mm ² (AWG 21...AWG 12) - flexible with ferrule Tunnel type terminals (bottom) - 2 cable(s) 1.5...2.5 mm ² (AWG 16...AWG 14) - rigid Tunnel type terminals (bottom) - 2 cable(s) 1.5...2.5 mm ² (AWG 16...AWG 14) - flexible |
| Wire stripping length | 14 mm for top connection 9 mm for bottom connection |
| Tightening torque | Power supply: 2 N.m top Digital input/output: 1 N.m bottom |
| Standards | EN/IEC 61010-1 ETSI EN 300 328 EN/IEC 62479 ETSI EN 301 489-17 ETSI EN 301 489-1 EN/IEC 61010-2-201 EN/IEC 61326-1 |

Environment

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| IP degree of protection | IP20 casing: conforming to IEC 60529 IP40 front face: conforming to IEC 60529 |
| Pollution degree | 3 |
| Overvoltage category | III conforming to IEC 61010-1 |
| IK degree of protection | IK05 |
| Relative humidity | 0...93 % at 40 °C conforming to IEC 60068-2-78 |
| Operating altitude | 0...2000 m |
| Ambient air temperature for operation | -25...60 °C |
| Ambient air temperature for storage | -40...85 °C |
| Fire resistance | 960 °C / 30 s conforming to UL 94 V0 |

Packing Units

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| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 116.0 g |
| Package 1 Height | 3.0 cm |
| Package 1 width | 8.0 cm |
| Package 1 Length | 11.5 cm |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 80 |
| Package 2 Weight | 9.65 kg |
| Package 2 Height | 30.0 cm |

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| Package 2 width | 30.0 cm |
| Package 2 Length | 40.0 cm |
| Package 3 Height | 80 cm |

Offer Sustainability

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|----------------------------|---|
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| 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 |