

## Product data sheet

### Characteristics

# A9XMC1D3

## PowerTag, PowerTag C IO 230V digital input output module



### Main

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	Acti9 impulse relay Acti9 contactor Acti9 iACTs remote indication auxiliary Acti9 iATLs remote indication auxiliary

### Complementary

[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
Time between 2 impulse	100 ms minimum - tolerance: - 0 ms, + 300 ms
Colour	White (RAL 9003)
9 mm pitches	2
Height	85 mm
Material	PA6 GF30
Width	18 mm
Depth	62 mm
Net weight	80 g

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Connections - terminals	Tunnel type terminals (top) - 1 cable(s) 1...16 mm <sup>2</sup> (AWG 18...AWG 16) - rigid Tunnel type terminals (top) - 1 cable(s) 0.5...10 mm <sup>2</sup> (AWG 21...AWG 8) - flexible Tunnel type terminals (bottom) - 1 cable(s) 1...6 mm <sup>2</sup> (AWG 18...AWG 10) - rigid Tunnel type terminals (bottom) - 1 cable(s) 0.5...4 mm <sup>2</sup> (AWG 21...AWG 12) - flexible Tunnel type terminals (bottom) - 1 cable(s) 0.5...4 mm <sup>2</sup> (AWG 21...AWG 12) - flexible with ferrule Tunnel type terminals (bottom) - 2 cable(s) 1.5...2.5 mm <sup>2</sup> (AWG 16...AWG 14) - rigid Tunnel type terminals (bottom) - 2 cable(s) 1.5...2.5 mm <sup>2</sup> (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

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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.800 cm
Package 1 Width	8.000 cm
Package 1 Length	11.500 cm
Package 1 Weight	113.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	80
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	9.506 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>

