

Product data sheet

Specifications



PowerTag C 2DI 230V digital input module

A9XMC2D3

Main

Range	PowerTag
Product or component type	Input module
Device short name	PowerTag C 2DI 230V
Product name	PowerTag Control
Concentrator compatibility	Acti9 PowerTag Link Acti9 PowerTag Link HD
Range compatibility	OF and SD double OC or fault contact

Complementary

[Us] rated supply voltage	230 V AC (+/- 20 %)
Network frequency	50/60 Hz
Power consumption in VA	3 VA
Digital input number	2
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)
Mounting mode	Clip-on
Mounting support	DIN rail
Local signalling	Green, orange and red LED for product status
Switching frequency	10 Hz maximum
Colour	White (RAL 9003)
9 mm pitches	2
Height	85 mm
Width	18 mm
Material	PA6 GF30
Depth	62 mm
Net weight	75 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 mm² (AWG 21...AWG 8) - flexible
 Tunnel type terminals (bottom) - 1 cable(s) 1...6 mm² (AWG 18...AWG 10) - rigid
 Tunnel type terminals (bottom) - 1 cable(s) 0.5...4 mm² (AWG 21...AWG 12) - flexible
 Tunnel type terminals (bottom) - 1 cable(s) 0.5...4 mm² (AWG 21...AWG 12) - flexible with ferrule
 Tunnel type terminals (bottom) - 2 cable(s) 1.5...2.5 mm² (AWG 16...AWG 14) - rigid
 Tunnel type terminals (bottom) - 2 cable(s) 1.5...2.5 mm² (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: 1 N.m bottom

Standards ETSI EN 300 328
ETSI EN 301 489-1
EN/IEC 61326-1
ETSI EN 301 489-17
EN/IEC 61010-1
EN/IEC 62479
EN/IEC 61010-2-201

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 Weight 110.0 g

Package 1 Height 2.6 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 9.308 kg

Package 2 Height 30.0 cm

Package 2 width 30.0 cm

Package 2 Length 40.0 cm

Package 3 Height 80 cm

Offer Sustainability

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
