

Product datasheet

Specifications



digital encoder interface module,
Altivar, 5 to 24V, 1 female high
density SUB D15 connector

VW3AP3420

Main

Range of product	Altivar
Product or component type	Digital encoder interface module
Condition of use	Cannot be ordered alone, only possible in combination with a standard enclosure
Range compatibility	Altivar Process ATV900
Encoder type	EnDat 2.2 A/B/I incremental XCC1 type R A/B/I incremental XCC1 type X SSI absolute encoder XCC2 type SG SSI absolute encoder XCC3 type SB
[Us] rated supply voltage	5 V DC (voltage limits: 4.75...5.25 V) 12 V DC (voltage limits: 11.4...12.6 V) 24 V DC (voltage limits: 22.8...25.2 V)

Complementary

Maximum supply current	0.25 A at 5 V DC 0.1 A at 12 V DC 0.05 A at 24 V DC
Protection type	Overload protection Short-circuit protection
Maximum cable distance between devices	100 m (A/B/I) 50 m (SSI) 100 m (SSI)at 300 kHz 50 m (EnDat 2.2) 100 m (EnDat 2.2)with propagation delay compensation
Maximum operating frequency	1000 kHz
Input signal	Data+, Data- (EnDat 2.2) Data+, Data- (SSI) Temp+, Temp- A+,A-/B+,B-/I+,I- (A/B/I)
Input impedance	121 Ohm
Output signal	Clock+, Clock- (SSI) Data+, Data-, Clock+, Clock- (EnDat 2.2)
Connector type	1 female high density SUB-D 15
Product weight	0.15 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.0 cm
Package 1 Width	13.0 cm

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Disclaimer: 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

Package 1 Length	19.0 cm
Package 1 Weight	150.0 g

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No

Use Longer

Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No