Product data sheet

Specifications



digital encoder interface module, Altivar, 5 to 24V, with RS422 compatible, 1 female high density SUB D15 connector

VW3A3420

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Altivar
Product or Component Type	Digital encoder interface module
Range Compatibility	Altivar Process ATV900 Altivar Process Modular Altivar Machine ATV340
Communication Port Protocol	RS422
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 4.75…5.25 V) 12 V DC 11.4…12.6 V) 24 V DC 22.8…25.2 V)

Complementary

Maximum supply current	0.25 A 5 V DC 0.1 A 12 V DC 0.1 A 24 V DC
Protection Type	Short-circuit protection Overload protection
Maximum cable distance between devices	328.08 ft (100 m) A/B/I) 164.04 ft (50 m) SSI) 328.08 ft (100 m) SSI)at 300 kHz 164.04 ft (50 m) EnDat 2.2) 328.08 ft (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) TTL
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
Net Weight	0.33 lb(US) (0.15 kg)

Ordering and shipping details

Category	US1CP4E22209
Discount Schedule	CP4E

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

GTIN	3606485441252
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.8 in (7.0 cm)
Package 1 Width	5.1 in (13.0 cm)
Package 1 Length	7.5 in (19.0 cm)
Package weight(Lbs)	5.5 oz (155.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	16
Package 2 Height	11.8 in (30 cm)
Package 2 Width	11.8 in (30 cm)
Package 2 Length	15.7 in (40 cm)
Package 2 Weight	7.068 lb(US) (3.206 kg)

Contractual warranty

Warranty (in months)	18

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 >

Environmental footprint

Total lifecycle Carbon footprint	**107 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**5 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**102 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.1 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
SCIP Number	**F26c5dc1-8fcc-4cb7-9720-cb35026be240**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
California proposition 65	**WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**
PVC free	**Yes**

Use Again

Repack and remanufacture

Recyclability potential, in %	**10**
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**