

# VW3A3420

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



## Main

Range of Product	Altivar
Product or Component Type	Digital encoder interface module
Range Compatibility	Altivar&nbsp;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
GTIN	3606485441252
Returnability	Yes
Country of origin	ID

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	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 1 Weight	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 (30.0 cm)
Package 2 Width	11.8 in (30.0 cm)
Package 2 Length	15.7 in (40.0 cm)
Package 2 Weight	7.068 lb(US) (3.206 kg)

## Offer Sustainability

Sustainable offer status	Green Premium product
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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>
Circularity Profile	No need of specific recycling operations
PVC free	Yes