

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 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 (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 0.1 A at 24 V DC
Protection type	Short-circuit protection Overload 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) 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	0.15 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
Package 1 Length	19.0 cm
Package 1 Weight	155.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	16
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm

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Package 2 Length	40.0 cm
Package 2 Weight	3.206 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations
PVC free	Yes