Product data sheet
Characteristics

VW3A3420
digital encoder interface module

Green Premium™ Product

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 0.05 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	22209 - ATV650
Discount Schedule	CP4E
GTIN	00785901094005
Nbr. of units in pkg.	1
Package weight(Lbs)	0.33 lb(US) (0.15 kg)
Returnability	Yes
Country of origin	ID

Packing Units

Package 1 Height	0.700 dm
Package 1 width	1.300 dm
Package 1 Length	1.900 dm

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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 www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
PVC free	Yes

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