VW3A3420

digital encoder interface module

Main

Range of product	Altivar
Product or component type	Digital encoder interface module
Range compatibility	Altivar Process ATV900 Altivar Machine ATV340 Altivar Process Modular
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

Supply current	<= 0.25 A (5 V DC) <= 0.1 A (12 V DC) <= 0.05 A (24 V DC)
Protection type	Overload protection Short-circuit protection
Maximum operating frequency	1000 kHz
Input signal	TTL 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

Environment

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1527 - Schneider Electric declaration of conformity