



### Main

|                             |   |
|-----------------------------|---|
| Range of product            | Altivar   |
| Product or component type   | Digital encoder interface module  |
| Range compatibility         | Altivar Process ATV900<br>Altivar Process Modular<br>Altivar Machine ATV340   |
| Communication port protocol | RS422   |
| Encoder type                | EnDat 2.2<br>A/B/I incremental (XCC1 type R)<br>A/B/I incremental (XCC1 type X)<br>SSI absolute encoder (XCC2 type SG)<br>SSI absolute encoder (XCC3 type SB) |
| [Us] rated supply voltage   | 5 V DC (voltage limits: 4.75...5.25 V)<br>12 V DC (voltage limits: 11.4...12.6 V)<br>24 V DC (voltage limits: 22.8...25.2 V)                                  |

### Complementary

|                             |   |
|-----------------------------|---|
| Supply current              | <= 0.25 A (5 V DC)<br><= 0.1 A (12 V DC)<br><= 0.05 A (24 V DC)                                       |
| Protection type             | Short-circuit protection<br>Overload protection   |
| Maximum operating frequency | 1000 kHz  |
| Input signal                | TTL<br>Data+, Data- (EnDat 2.2)<br>Data+, Data- (SSI)<br>Temp+, Temp-<br>A+, A-/B+, B-/I+, I- (A/B/I) |
| Input impedance             | 121 Ohm   |
| Output signal               | Clock+, Clock- (SSI)<br>Data+, Data-, Clock+, Clock- (EnDat 2.2)                                      |
| Connector type              | 1 female high density SUB-D 15  |
| Product 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)   | 0.33000000000000002 |
| Returnability         | Y                   |
| Country of origin     | ID                  |

**Offer Sustainability**

|                           |   |
|---------------------------|---|
| RoHS (date code: YYWW)    | Compliant - since 1527 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| California proposition 65 | WARNING: This product can expose you to chemicals including:  |
| ----- Substance 1         | Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.      |
| ----- Substance 2         | Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm.                       |
| ----- More information    | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>   |