



Main

| | |
|------------------------------|---|
| Range of product | Altivar |
| Product or component type | EMC input filter |
| Range compatibility | Altivar 312 Altivar Machine ATV320 Altivar 212 |
| Product compatibility | ATV212HD11M3X ATV212HD15M3X ATV212HD18M3X ATV312HD11M3 ATV312HD15M3 Variable speed drive ATV320...C motor: 11 kW, 200...240 V three phase Variable speed drive ATV320...C motor: 15 kW, 200...240 V three phase |
| Product specific application | Radio interference input filter |
| [In] rated current | 83 A |
| Thermal losses | 16 W for ATV21HD15M3X 23.1 W for ATV21HD18M3X 35.2 W for ATV31HD11M3X 9.1 W for ATV21HD11M3X |
| Network number of phases | Three phase |

Complementary

| | |
|-------------------------------|-----------------------------------|
| Electrical connection | Terminal 25 mm ² AWG 2 |
| Tightening torque | 4.5 N.m |
| Maximum earth leakage current | 14.5 mA at 480 V 60 Hz |
| Power supply voltage | 200...240 V |
| Tolerance | 10 % |
| Net weight | 5.3 kg |

Environment

| | |
|---------------------------------------|---|
| IP degree of protection | IP20 IP41 (upper part) |
| Relative humidity | 0...93 % conforming to IEC 68-2-3 |
| Ambient air temperature for operation | -10...50 °C |
| Ambient air temperature for storage | -25...70 °C |
| Operating altitude | <= 1000 m without current derating <= 1000 m without derating 1000...3000 m with current derating 1 % per 100 m |
| Vibration resistance | 1 gn (f= 13...150 Hz) conforming to IEC 60068-2-6 1.5 mm peak to peak (f= 3...13 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 15 gn for 11 ms conforming to EN/IEC 60068-2-27 |
| Standards | EN 133200 EN/IEC 61800-3 |

Packing Units

| | |
|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 5.108 kg |
| Package 1 Height | 8.7 cm |
| Package 1 width | 38 cm |
| Package 1 Length | 47.8 cm |
| Unit Type of Package 2 | P06 |
| Number of Units in Package 2 | 12 |
| Package 2 Weight | 74.3 kg |
| Package 2 Height | 80 cm |
| Package 2 width | 80 cm |
| Package 2 Length | 60 cm |

Offer Sustainability

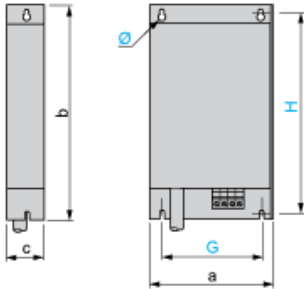
| | |
|----------------------------|--|
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Additional EMC Input Filters

Dimensions



Dimensions in mm

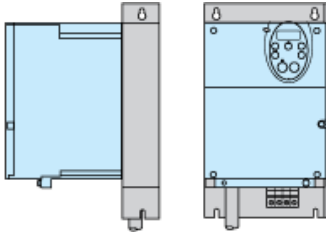
| a | b | c | G | H | Ø |
|-----|-----|----|-----|-----|-----|
| 245 | 395 | 80 | 205 | 375 | 5.5 |

Dimensions in in.

| a | b | c | G | H | Ø |
|------|-------|------|------|-------|------|
| 9.65 | 15.55 | 3.15 | 8.07 | 14.76 | 0.22 |

Additional EMC Input Filter

Mounting the Filter under the Drive



Mounting the Filter next to the Drive

