

VW3A4553

line/motor choke - 2 mH - 17 A - 3 phases - 75
W - for variable speed drive



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|-----------------------|--|
| Range Compatibility | Altivar 61 Altivar&Nbsp;Process ATV900 Lexium 05 Altivar 312 Solar Altivar&Nbsp;Process ATV600 Altivar 32 Altivar 71 Lexium 62 Easy Altivar 310 Altivar 12 Altivar 31C Lexium 52 Altivar 312 Lexium 32 Altivar Machine ATV320 Altivar Machine ATV340 Easy Altivar 310L |
| Device Application | Reduction of current harmonics Reduction of overvoltages at motor terminals |
| Value of inductance | 2 mH |
| Line Rated Current | 17 A |
| Thermal losses | 75 W |
| Electrical connection | Terminal 6 mm ² / AWG 8, 7.08...8.85 lbf.in (0.8... 1 N.m) |

Complementary

| | |
|------------------------------------|------------------------------|
| Power supply frequency | 50...60 Hz |
| Max current | 1.65 x nominal current 60 s) |
| Maximum voltage drop at rated load | 5 % |
| Electrical Insulation Class | Class F |
| Minimum clearance distance | 0.22 in (5.5 mm) IEC 60664 |
| Leakage distance | 0.45 in (11.5 mm) IEC 60664 |
| Net Weight | 7.72 lb(US) (3.5 kg) |
| Width | 5.12 in (130 mm) |
| Height | 6.10 in (155 mm) |
| Depth | 3.54 in (90 mm) |

Environment

| | |
|---------------------------------------|---|
| Standards | VDE 0160 level 1 EN 50178 IEC 60076 (with HD398) |
| IP Degree of Protection | Choke IP00 Terminals IP20 |
| Environmental characteristic | 3B1 IEC 721-3-3 3C2 IEC 721-3-3 3S1 IEC 721-3-3 |
| Pollution degree | 2 EN 50178 |
| Vibration resistance | 1 gn 13...200 Hz)IEC 60068-2-6 1.5 mm peak to peak 3...13 Hz)IEC 60068-2-6 |
| Shock resistance | 15 gn 11 ms IEC 60068-2-27 |
| Relative humidity | 0...95 % |
| Ambient air temperature for operation | 113...131 °F (45...55 °C) with current derating of 2 % per °C) 32...113 °F (0...45 °C) without current derating) |
| Ambient Air Temperature for Storage | -13...158 °F (-25...70 °C) |
| Operating altitude | <= 3280.84 ft (1000 m) without current derating 3280.84...9842.52 ft (1000...3000 m) with current derating 1 % per 100 m |

Ordering and shipping details

| | |
|-----------------------|---------------------------------------|
| Category | 22154-ATV320/ATV312/ATV32 ACCESSORIES |
| Discount Schedule | CP4B |
| GTIN | 3389118066038 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 8.00 lb(US) (3.628 kg) |

| | |
|-------------------|----|
| Returnability | No |
| Country of origin | FR |

Packing Units

| | |
|------------------------------|--------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 7.56 in (19.2 cm) |
| Package 1 width | 7.72 in (19.6 cm) |
| Package 1 Length | 8.90 in (22.6 cm) |
| Unit Type of Package 2 | P06 |
| Number of Units in Package 2 | 12 |
| Package 2 Weight | 134.22 lb(US) (60.88 kg) |
| Package 2 Height | 28.94 in (73.5 cm) |
| Package 2 width | 31.50 in (80 cm) |
| Package 2 Length | 23.62 in (60 cm) |

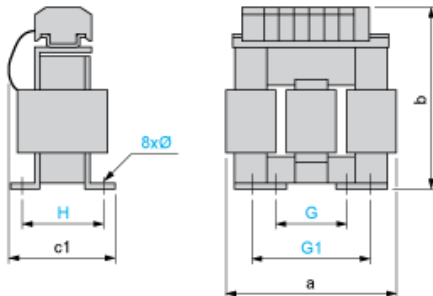
Offer Sustainability

| | |
|----------------------------|---|
| 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 |
| 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

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

Dimensions



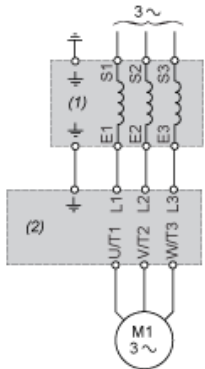
Dimensions in mm

| a | b | c1 | G | G1 | H | Ø |
|-----|-----|----|----|------|----|--------|
| 130 | 155 | 90 | 60 | 80.5 | 62 | 6 x 12 |

Dimensions in in.

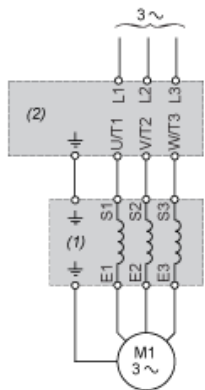
| a | b | c1 | G | G1 | H | Ø |
|------|------|------|------|------|------|-------------|
| 5.12 | 6.10 | 3.54 | 2.36 | 3.17 | 2.44 | 0.24 x 0.47 |

Recommended Schema - Line Choke



- (1) Line Choke
- (2) Drive

Recommended Schema - Motor Choke



- (1) Motor Choke
- (2) Drive