The ATV32 is the latest generation of Schneider Electric’s market-leading VSDs, designed to help organisations maximise energy efficiency and drive down costs. It is fully compatible with the space-saving Lexium 32 range of motion servo drives, for a totally integrated solution.

The ATV32 range offers advanced design and embedded functionality to give users a drive to meet all their application needs, with powers from 0.18 to 15kW. A key feature is the slimline book style models. Models up to 1.5kW with a frame width of just 45mm. At this size, side-by-side mounting can mean a reduction in enclosure size of up to 40 per cent or enable more drives to be fitted into the same space.

The compact package features 150 application-specific functions, simple programmable control system functions and embedded machine safety features - making the ATV32 particularly suitable for a wide range of industrial applications.

Product features:

- Slim line book style VSD, only 45mm wide (up to 1.5kW)
- Embedded machine safety features including
  - Safe Torque Off (STO)
  - Safe Stop 1 (SS1) Stop category 1, controlled braking then power is removed
  - Safely Limited Speed (SLS) monitoring of motor speed and braking in case of overspeed
- Logic programming.
- Wireless connection (Bluetooth)
- Direct power circuit breaker mounting. (GV2)
- Fieldbus connectivity through optional modules;
  - Ethercat
  - Profibus
  - CANopen daisychain
  - Ethernet IP
  - Devicenet
- Unique motor control performance through the use of sensorless vector control (SVC), to control Asynchronous and Synchronous motors in open loop
- Ideal for a wide range of applications even in the most arduous environments
- Easily integrated into the machine with EMC filter
- With “in-box configuration” without power for flexibility when parameter updates are required or replacement drives need to be available quickly
Material | Description | MPG
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**ATV32 1Ph 200V Chassis**
ATV32H018M2 | ATV32 0.18KW 200V 1 PHASE | VA
ATV32H037M2 | ATV32 0.37KW 200V 1 PHASE | VA
ATV32H055M2 | ATV32 0.55KW 200V 1 PHASE | VA
ATV32H075M2 | ATV32 0.75KW 200V 1 PHASE | VA
ATV32HU11M2 | ATV32 1.1KW 200V 1 PHASE | VA
ATV32HU15M2 | ATV32 1.5KW 200V 1 PHASE | VA
ATV32HU22M2 | ATV32 2.2KW 200V 1 PHASE | VA

**ATV32 3Ph 400V Chassis**
ATV32H037N4 | ATV32 0.37KW 400V 3 PHASE | VA
ATV32H055N4 | ATV32 0.55KW 400V 3 PHASE | VA
ATV32H075N4 | ATV32 0.75KW 400V 3 PHASE | VA
ATV32HU11N4 | ATV32 1.1KW 400V 3 PHASE | VA
ATV32HU15N4 | ATV32 1.5KW 400V 3 PHASE | VA
ATV32HU22N4 | ATV32 2.2KW 400V 3 PHASE | VA
ATV32HU30N4 | ATV32 3KW 400V 3 PHASE | VA
ATV32HU40N4 | ATV32 4KW 400V 3 PHASE | VA
ATV32HU55N4 | ATV32 5.5KW 400V 3 PHASE | VA
ATV32HU75N4 | ATV32 7.5KW 400V 3 PHASE | VA
ATV32HD11N4 | ATV32 11KW 400V 3 PHASE | VA
ATV32HD15N4 | ATV32 15KW 400V 3 PHASE | VA

**ATV32 Accessories**
VW3A3601 | ATV32 LXM32 OPTION CARD ETHERCAT | VY
VW3A3607 | ATV32 LXM32 OPTION CARD PROFIBUS | VY
VW3A3608 | ATV32 LXM32 OPTION CARD CANOPEN 2X RJ45 | VY
VW3A3609 | ATV32 LXM32 OPTION CARD DEVICENET | VY
VW3A3616 | ATV32 LXM32 OPTION CARD ETHERNET TCP/IP | VY
VW3A3618 | ATV32 LXM32 OPTION CARD CANOPEN SUBD9 | VY
VW3A3628 | ELECTRONIC OPTION CARD CANOPEN TERMINAL | VY
VW3A4420 | EMC FILTER 10A 240V 1PH | VY
VW3A4421 | EMC FILTER 18A 240V 1PH | VY
VW3A4422 | EMC FILTER 15A 240V - 500V 3PH | VY
VW3A4423 | EMC FILTER 25A 240V - 500V 3PH | VY
VW3A4424 | EMC FILTER 47A 240V - 500V 3PH | VY
VW3A4425 | EMC FILTER 49A 500V 3PH | VY
VW3A4426 | EMC FILTER 24A 240V 1PH | VY
VW3A9920 | Mechanical Adaptor for 90° Control Block mounting | VY
VW3A9921 | Mechanical Adaptor for 90° GV2AF4 mounting (set of 10 units) | VY

For more information please contact us on 0870 608 8 608 or visit www.schneider-electric.co.uk

Literature:
ATV32 catalogue DIA2ED2100401EN.
ATV32 brochure DIA2ED1091202EN.