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# SCHNEIDER VARIATOR DE VITEZA ALTIVAR ATV900 ATV930 - 45KW - 30HP - 400/480V - IP21

| | Main |
|---|---|
| **range of product** | Altivar Process ATV900 |
| **device application** | Industrial application |
| **product or component type** | Variable speed drive |
| **product destination** | Synchronous motors<br>Asynchronous motors |
| **product specific application** | Process for industrial |
| **variant** | Standard version<br>With braking chopper |
| **network number of phases** | 3 phases |
| **mounting mode** | Wall mount |
| **communication port protocol** | EtherNet/IP<br>Modbus serial<br>Modbus TCP |

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|---|---|
| **[Us] rated supply voltage** | 380...480 V - 15...10 % |
| **motor power kW** | 45.0 kW for normal duty<br>37.0 kW for heavy duty |
| **motor power hp** | 60.0 hp for normal duty<br>50.0 hp for heavy duty |
| **continuous output current** | 88 A at 4 kHz for normal duty<br>74.5 A at 4 kHz for heavy duty |

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|---|---|
| **EMC filter** | Integrated<br>With EMC plate option |
| **IP degree of protection** | IP21 |
| **degree of protection** | UL type 1 |
| **option module** | Slot A: communication module for Profibus DP V1<br>Slot A: communication module for PROFINET<br>Slot A: communication module for DeviceNet<br>Slot A: communication module for EtherCAT<br>Slot A: communication module for CANopen daisy chain RJ45<br>Slot A: communication module for CANopen SUB-D 9<br>Slot A: communication module for CANopen screw terminals<br>Slot A/slot B/slot C: digital and analog I/O extension module<br>Slot A/slot B/slot C: output relay extension module<br>Slot B: 5/12 V digital encoder interface module<br>Slot B: analog encoder interface module<br>Slot B: resolver encoder interface module<br>communication module for Ethernet Powerlink |
| **discrete input logic** | 16 preset speeds |
| **asynchronous motor control profile** | Constant torque standard<br>Optimized torque mode<br>Variable torque standard |
| **synchronous motor control profile** | Permanent magnet motor<br>Synchronous reluctance motor |
| **maximum output frequency** | 599 Hz |
| **switching frequency** | 2...16 kHz adjustable<br>4...16 kHz with derating factor |
| **nominal switching frequency** | 4 kHz |
| **line current** | 79.8 A at 380 V (normal duty)<br>67.1 A at 380 V (heavy duty)<br>69.1 A at 480 V (normal duty)<br>59.0 A at 480 V (heavy duty) |
| **apparent power** | 57.4 kVA at 480 V (normal duty)<br>49.1 kVA at 480 V (heavy duty) |

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