Altivar Drive Offer Card for ATV630

ATV630 : Process drive for fluid and gas handling

Power range : 0.75 to 315 kW

Voltage Range: 380 to 480 V

Overload capacity:
110% for 60 sec ND
150% for 60 sec HD

Communication:
Modbus RS485 & Ethernet Modbus TCP

Optional Communication:
Ethernet IP, Profinet, Profibus, Bacnet IP etc.

IOs : 6DI,3RO,3AI,2AO (standard)

No top cover

optional keypad

Short cover as standard

ATV630***N4Z (IP20/IP00)
Cabinet Integration offer

Power Range : 0.75 to 90 kW

Altivar Process ATV630 catalog

Asset management:
- Ability to **set pump curves** (data provided by pumps manufacturers)
- Pipe protection, no flow / low flow protection, dry protection , inlet/outlet protection, cycle start protection, anti-jam functions

Process Optimisation
- Level control & Booster pump applications
- Multi drive link architecture
- Master Redundancy

Energy efficiency :
- Energy monitoring with accuracy >95%
- Embedded **energy dashboards** - periodic trends
- Monitor energy consumption, detect the abnormality in power consumption (too high/low)

Withstand Harsh environment :
- **3C3 & 3S3** coated
- Ambient temperature is **50°C** without deration
- Graphical detachable **keypad IP65**
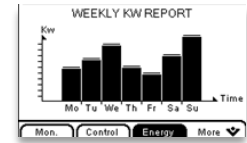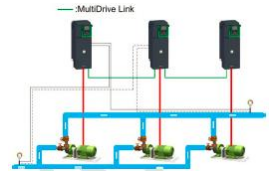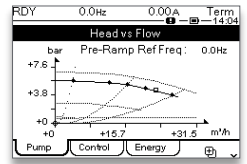
Future ready IIOT drive :
- Remote monitoring -**Webserver** is embedded
- Achilles certified – against cyber threats
- Ethernet embedded

Service oriented drive:
- Real time data is available
- 5 maintenance scheduling events available
- Diagnostic of IGBT on single click
- **Dynamic QR code** – troubleshooting

DC choke inbuilt (0.75 – 315kW)

SIL3 safety function integrated

Targeted applications

WWW:
Treatment Plant - Waster Water Intake Pumps, Air Blowers, Dosing Pumps, Sludge Pumps
Water & Waste water networks- Booster Pumps, Water Transport Pumps, Distribution Pumps
Desalination - High Pressure Pumps

MMM:
Metal (Iron & Steel) - ID/FD Fan, Filter Press Pump, Deducting Fan, Waste Gas Pump
Cement Plant- Pump for Water Supply, Dust Collector Fans, Kiln Waste Gas Fan
Mining - De-watering and Filtration, Mine Shaft Pumps

O&G:
Gas separation compressors, Storage Oil Pump

F&B:
Dairy Process - Pumping & Drying Fan

Schneider Electric