



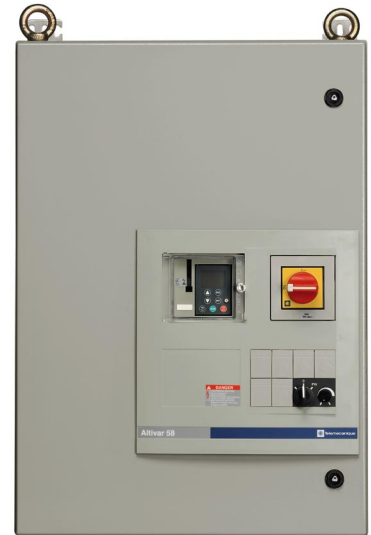
Inverter drive fan speed controllers

This new generation of variable speed drives is characterised by the extent of its power range, a feature that enables control of asynchronous motors. Its advanced functions combined with exceptional open loop and closed loop performance provide an ideal solution to meet the requirements for complex and/or high power machines.

Power Ranges: 0.18 to 90KW

Voltage Ranges: 200/240V IPh
200/240V 3Ph
380/480V 3Ph

Enclosure Types: IP20 and IP54



Reliable and robust:

- 220% over torque
- Frequency range 0-1000Hz
- Voltage drops of up to -50%
- Built in EMC filters
- Temperatures up to 50 Deg.C.
- PTC input
- 'Power removal' safety input prevents any unintentional starting of the motor (conforms to machine standard EN 95401 Category 3 and the standard for electrical installations IEC/EN 61508 SIL2).

Simple:

- Full text graphic terminal. This simplifies and enhances dialogue with its easy to read messages, graphics, navigation button, function keys for short cuts, online help etc.
- Customisation of the parameters, display screens, monitoring bar, etc. A bespoke menu can be created if required.
- 'Simple Start' menu enables quick start-up.
- Bluetooth wireless link with Telemecanique Power Suite Software workshop (available on PC) which is a configuration tool.

Functionality:

- Closed loop operation
- 150 specialised functions
- Numerous digital and analogue inputs and outputs
- PID
- Energy consumption/hours run calculated
- Modbus and CANopen communication built in
- Fault management and memorisation

Expansion:

- Input/Output option cards
- All industrial fieldbus communication option cards including Profibus, Devicenet, Ethernet etc
- Incremental encoder interfaces
- Application cards including Controller inside

i. Inverters IP20

Motor kW	ACI Part No.	Type	Supply Details
0.37	8-675/0.37/IP20	11	1ph 240Vac Supply
0.75	8-675/0.75/IP20	11	
1.5	8-675/1.5/IP20	11	
2.2	8-675/2.2/IP20	11	
0.75	8-680/0.75/IP20	38	3ph 415Vac Supply
1.5	8-680/1.5/IP20	38	
2.2	8-680/2.2/IP20	38	
3	8-680/3/IP20	38	
4	8-680/4/IP20	38	
5.5	8-680/5.5/IP20	38	
7.5	8-680/7.5/IP20	38	
11	8-680/11/IP20	38	
15	8-680/15/IP20	38	
18.5	8-680/18.5/IP20	38	
22	8-680/22/IP20	38	
30	8-680/30/IP20	38	
37	8-680/37/IP20	38	
45	8-680/45/IP20	38	

ii. Inverters IP55

Motor kW	ACI Part No.	Type	Supply Details
0.37	8-675/0.37/IP55	08	1ph 240Vac
0.75	8-675/0.75/IP55	08	
1.5	8-675/1.5/IP55	28	
2.2	8-675/2.2/IP55	28	
0.75	8-680/0.75/IP55	28	3ph 415Vac
1.5	8-680/1.5/IP55	28	
2.2	8-680/2.2/IP55	28	
3	8-680/3/IP55	28	
4	8-680/4/IP55	28	
5.5	8-680/5.5/IP55	58	
7.5	8-680/7.5/IP55	58	
11	8-680/11/IP55	58	
15	8-680/15/IP55	58	
18.5	8-680/18.5/IP55	58	
22	8-680/22/IP55	58	
30	8-680/30/IP55	58	
37	8-680/37/IP55	58	
45	8-680/45/IP55	58	