



Inverters (Open)

Inverter Controllers

Variable Frequency Drives



Open Drives - CVFD

For use within customer enclosure

- IP20 Enclosure.
- Energy Saving.
- Interface with membrane keypad.
- Compact.
- Up to 8 preset speeds.
- PI regulator for closed loop control.
- Motor and Drive Protection.
- Display Monitoring.
- Fault Diagnostics.

Features & Benefits

Accurate and smooth speed control not dependant on load characteristics which are typical of voltage controllers.

Motor Soft Starting to reduce the effects of motor starting torque and currents.

Energy Saving via relationship between motor power and speed.

As power varies with the cube of speed, significant savings can be made with a small reduction in fan speed.

Product has been certified as meeting the requirements of the Enhanced Capital Allowance Scheme.

SINGLE Phase supply voltage with Integrated Filter 200V–240V 50/60Hz

Product Code	Motor Power(1) kW	VFD Nominal Current(2) A	Weight kg	IP Rating
149-CVFD/18-1	0.18	1.6	0.9	IP20
149-CVFD/37-1	0.37	2.6	0.9	IP20
149-CVFD/75-1	0.75	4	0.9	IP20
149-CVFD/150-1	1.5	7.3	1.5	IP20

(1) Power rating for maximum switching frequency of 5kHz.

(2) Motor current must not exceed VFD nominal current.

THREE Phase supply voltage with Integrated Filter 380V–500V 50/60Hz

Product Code	Motor Power(1) kW	VFD Nominal Current(2) A	Weight kg	IP Rating
149-CVFD/75	0.75	2.7	2	IP20
149-CVFD/150	1.5	4.3	2	IP20
149-CVFD/220	2.2	6.5	2	IP20
149-CVFD/400	4	10	2	IP20
149-CVFD/550	5.5	13	2.5	IP20
149-CVFD/750	7.5	16	2.5	IP20
149-CVFD/1100	11	24	6	IP20
149-CVFD/1500	15	30	6	IP20

(1) Power rating for maximum switching frequency of 5kHz.

(2) Motor current must not exceed VFD nominal current.



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