

mot182

Single Phase	Mfrs. List No.	Order Code	Price Each	
			1+	10+
0.1kW	3G3JVAB001	318-1492		
0.25kW	3G3JVAB002	318-1509		
0.55kW	3G3JVAB004	318-1510		
1.1kW	3G3JVAB007	318-1522		
1.5kW	3G3JVAB015	318-1534		
Three Phase				
0.1kW	3G3JVA2001	318-1546		
0.25kW	3G3JVA2002	318-1558		
0.55kW	3G3JVA2004	318-1560		
1.1kW	3G3JVA2007	318-1571		
1.5kW	3G3JVA2015	318-1583		
2.2kW	3G3JVA2022	318-1595		

393JV Series - EMC Filters and Output Chokes



A range of compact, low leakage, footprint style, RFI filters and Output Chokes are available which will enable EMC compliance to be achieved whilst occupying the minimum of panel space.

mot185

RFI Filters	Order Code	Price Each		
		1+	5+	10+
Single Phase				
0.1kW - 0.55kW	318-1601			
0.7kW - 1.5kW	318-1613			
Three Phase (200V)				
0.1kW - 1.1kW	318-1625			
1.5kW - 2.2kW	318-1637			
Output Chokes				
21mm diameter	179-978			
28.5mm diameter	179-980			

AC Motor Speed Controller - 3G3MV Series Single and 3 Phase



The 3G3MV inverter is an extremely compact, easy to use open loop vector control inverter and has versions available in single phase 240V AC, three phase 200V and three phase 400Vac up to 4kW

All models carry advanced features normally associated with higher cost units including configurable inputs and output terminals, full PID, DC braking, analogue output, skip frequencies and motor parameter setup, all of which can be easily accessed via the built-in operator interface, which also doubles as a copy unit.

The 3G3MV offers the option of OMRON's footprint RFI filter to provide compliance with the latest EMC directives.

User friendly PC based setting software offers full upload and download, filing, retrieval and printing facilities.

Features includes:

- Available from 0.1kW to 4kW
- Single and three phase versions available
- In-built operator interface
- Built in potentiometer
- Optional Footprint RFI filter and output choke
- CE, UL and cUL approved
- Instantaneous power interruption protection facility
- Supplied with comprehensive, easy to use, instruction manual
- RS485/422 communication available
- PID Control
- Electrical thermal trip settable
- Configurable multi function Input and Output terminals
- Programmable Analogue Output
- DC Injection braking
- 3 Skip Frequencies
- Programmable S-curve
- Electronic Potentiometer
- Automatic fault retry
- 16 Pre-set speeds
- Plus many more advanced features

Input voltage (single phase)	200-240Vac, -15% to +10%, 50/60Hz
Input voltage (three phase)	200-230Vac, -10% to +10%, 50/60Hz
Input voltage (three phase)	380-460Vac, -15% to +10%, 50/60Hz
Operating temperature	-10°C to 50°C
Output frequency	0.1Hz to 400Hz
Overload	150% for 60 seconds
Accel/Decel	0.0 to 999 seconds separately adjustable
Degree of Protection	IP20

Dimensions	Single phase			Three Phase (200V)			Dimensions	Three Phase (400V)		
	H	W	D	H	W	D		H	W	D
0.1kW	128	68	76	128	68	76	0.37kW	128	108	92
0.25kW	128	68	76	128	68	76	0.55kW	128	108	110
0.55kW	128	68	131	128	68	108	1.1kW	128	108	140
1.1kW	128	108	140	128	108	128	1.5kW	128	108	156
1.5kW	128	108	156	128	130	131	2.2kW	128	108	156
2.2kW	128	140	163	128	108	140	3kW	128	140	143
4kW	128	170	180	128	140	143	4kW	128	140	143

mot191

Rating	Mfrs. List No.	Order Code	Price Each		
			1+	5+	10+
Single Phase					
0.15kW	3G3MVAB001	318-1649			
0.25kW	3G3MVAB002	318-1650			
0.55kW	3G3MVAB004	318-1662			
1.1kW	3G3MVAB007	318-1674			
1.5kW	3G3MVAB015	318-1686			
2.3kW	3G3MVAB022	318-1698			
4kW	3G3MVAB040	318-1704			
Three Phase (200V)					
0.15kW	3G3MV2001	318-1716			
0.25kW	3G3MVA2002	318-1728			
0.55kW	3G3MVA2004	318-1730			
1.1kW	3G3MVA4007	318-1741			
1.5kW	3G3MVA2015	318-1753			
2.2kW	3G3MVA20022	318-1765			
4kW	3G3MVA2040	318-1777			
Three Phase (400V)					
0.37kW	3G3MVA4002	318-2990			
0.55kW	3G3MVA4004	318-3002			
1.1kW	3G3MVA4007	318-3014			
1.5kW	3G3MVA4015	318-3026			
2.2kW	3G3MVA4022	318-3038			
3kW	3G3MV4030	318-3040			
4kW	3G3MV4040	318-3051			

3G3MV Series - EMC Filters and Output Chokes



A range of compact, low leakage, footprint style, RFI filters and Output Chokes for 3G3MV drives which will enable EMC compliance to be achieved whilst occupying the minimum of panel space.

mot186

RFI Filters	Order Code	Price Each		
		1+	5+	10+
Single Phase				
0.1kW - 0.55kW	318-3063			
0.7kW - 1.5kW	318-3075			
2.2kW	318-3087			
4kW	318-3099			
Three Phase (200V)				
0.1kW - 1.1kW	318-3105			
1.5 - 2.2kW	318-3117			
4kW	318-3129			
Three Phase (400V)				
0.1kW - 1.1kW	318-3130			
1.5 - 2.2kW	318-3142			
3 and 4kW	318-3154			
Output Chokes				
21mm diameter	179-978			
28.5mm diameter	179-980			

DC Motor Speed Control

DC Motor Controller - 4 Quadrant 2A



H = 25, W = 130, D = 52

A four quadrant linear output controller ideally suited for small dc motors and gear motors up to 60W

- Linear control minimises electrical noise
- Single polarity supply gives bi-directional control
- Armature feedback provides variable control over a speed range up to 50:1
- Control by potentiometer, dc control voltage or FSR hand control
- Adjustable current limit
- Inbuilt thermal protection

Supply Voltage	10 - 35 Vdc
Max output voltage	± 26 Vdc
Max output current	± 2 A
Current limit	100 mA to 2A
Speed control Input resistant	200 kΩ

FM66

Order Code	Price Each					
	1+	5+	10+	15+	20+	30+
-909-907						

Continued