



PRODUCT LIST

Price list available on request.

Detailed Product Advice Sheets on each model are available on request via email.

POWERFORM CONTROLS

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Stock	Model	User Variable Speed Controllers 600VA 2.5A	Input	Output	Power	Control	Size	PRICE
J	MSC600	Commercial duty aluminium enclosure motor speed controller panel mount with 8mm steel nut on metal shaft	240VAC 1n	240 2/3 wire	600VA 2.5A	knob	53x37x41	
MOQ	MSC600S	MSC600 with internal integral E switch on speed control - 9.5mm panel mount or wall plate clip-in + knob all incl	240VAC 1n	240 2wire only	600VA 2.5A	knob/sw	53x37x37	
MOQ	MSC600SL	MSC600 with internal integral switch as above PLUS LED indicator (no neutral reqd).	240VAC 1n	240 2wire only	600VA 2.5A	knob/sw	53x37x37	
MOQ	MSC600WP	2 hole wall plate ver of MSC600 incl separate switch & brushed alum knob	240VAC 1n	240 2/3 wire	600VA 2.5A	knob	53x37x41	
MOQ	MSC600S-WP	1 hole wall plate ver of MSC600S integral switch & brushed alum knob	240VAC 1n	240 2wire only	600VA 2.5A	knob/sw	53x37x37	
MOQ	MSC600SL-WP	1 hole wall plate ver of MSC600SL integral switch, LED & brushed alum knob	240VAC 1n	240 2wire only	600VA 2.5A	knob/sw	53x37x37	
J		add suffix "B" Surface mount (external) enclosure for any MSC600 wall plate version. add \$					125x80x52	
	Model	User Variable Speed Controllers 1200 VA 5A	Input	Output	Power	Control	Size	PRICE
J	MSC1200	Commercial duty aluminium encl motor speed controller panel mount with 8mm steel nut on metal shaft	240VAC 1n	240 2/3 wire	1200VA 5A	knob	53x37x41	
J	MSC1200WP	Wall plate version of MSC1200 mounted on HPM wall plate with separate HPM switch mech. Knob incl	240VAC 1n	240 2/3 wire	1200VA 5A	knob + sw	std wall plate	
J	MSC1200WP-Ne	MSC1200WP as above BUT with neon switch mech. (requires neutral) Knob incl	240VAC 1n	240 2/3 wire	1200VA 5A	knob + sw	std wall plate	
MOQ	MSC1200S	MSC1200 with internal integral switch on speed control. Panel mount with 8mm steel nut on metal shaft	240VAC 1n	240 2/3 wire	1200VA 5A	knob/sw	53x37x50	
MOQ	MSC1200S-L	MSC1200 with internal integral switch as above PLUS LED indicator (no neutral reqd).	240VAC 1n	240 2/3 wire	1200VA 5A	knob/sw	53x37x50	
MOQ	MSC1200S-WP	Wall plate version of MSC1200S	240VAC 1n	240 2/3 wire	1200VA 5A	knob/sw	deep wallplate	
MOQ	MSC1200SL-WP	Wall plate version of MSC1200S-L (with LED)	240VAC 1n	240 2/3 wire	1200VA 5A	knob/sw	deep wallplate	
J		add suffix "B" Surface mount enclosure for MSC1200WP or WPNe wall plate versions add \$					125x80x52	
J		add suffix "BS" Surface mount enclosure (IP55 rated) for MSC1200S or S-L wallplate versions. add \$					155x115x75	
J	MSC1200WP-IP56	IP56 wall plate version MSC1200WP with 2x IP56 switch mechs on PDL plate for mounting within IP56 rated surface.	240VAC 1n	240 2/3 wire	1200VA 5A	knob	std wall plate	
SPEC	MSC1200WP-IP66-B	Surface mounted IP55 enclosure version of above MSC1200WP-IP56.	240VAC 1n	240 2/3 wire	1200VA 5A	knob	155x115x75	
	Model	Preset Adjustable Speed Limiters with / without optional remote modules	Input	Output	Power	Control	Size	PRICE
J	MSL600 **	Commercial duty aluminium encl preset adjustable motor speed LIMITER. Surface foot mount.	240VAC 1n	240 2/3 wire	600VA 2.5A	preset adj	65x53x41	
J	MSL1200	Commercial duty aluminium encl preset adjustable motor speed LIMITER. Surface foot mount.	240VAC 1n	240 2/3 wire	1200VA 5A	preset adj	65x53x41	
J	MSL1200REM240	As above. ON/OFF or LOW/HIGH control by fully isolated 24 VAC / 240 VAC signal. Achieve energy efficiency in HVACR.	240VAC 1n	240 2/3 wire	1200VA 5A	24 or 240 VAC	65x53x50	
J	MSL1200REM240-IP	As above. Mounted in IP66 diecast Aluminium enclosure with terminal kit. Ideal to achieve hi efficiency refrigeration condenser systems	240VAC 1n	240 2/3 wire	1200VA 5A	24 or 240 VAC	115x90x55	
J	MSR2000	Commercial duty aluminium encl preset adjustable motor speed LIMITER. Surface foot mount.	240VAC 1n	240 2/3 wire	2000VA 8A	preset adj	114x63x74	
J	MSR2400	Commercial duty aluminium encl preset adjustable motor speed LIMITER. Surface foot mount.	240VAC 1n	240 2/3 wire	2400VA 10A	preset adj	114x63x74	
SPEC	MSR3600	Commercial duty aluminium encl preset adjustable motor speed LIMITER. Surface foot mount.	240VAC 1n	240 2/3 wire	3600VA 15A	preset adj	174x114x74	
SPEC	MSR4800	Commercial duty aluminium encl preset adjustable motor speed LIMITER. Surface foot mount.	240VAC 1n	240 2/3 wire	4800VA 20A	preset adj	174x114x74	
J		add suffix "RC10" Separate small 2 wire remote control module enables controller operation via user knob adjust. Shaft mount. add \$				knob	65x53x41	
J		add suffix "RC10WP" Wall plate version of RC10 mounted on single HPM wall plate with HPM switch mech. Knob incl. add \$				knob + sw	std wall plate	
J		add suffix "RC10WPNe" Wall plate version of RC10 mounted on single HPM wall plate with HPM neon switch mech. Knob incl. add \$				knob + sw	std wall plate	
J		add suffix "B" Surface mount enclosure for RC10 wall plate versions add \$					125x80x52	
J		add suffix "RC10WPIP" IP56 Wall plate version of RC10 mounted on PDL wall plate with 2x switch mech. Knob incl. add \$				knob + sw	std wall plate	
J		add suffix "RC10WPIP-B" IP55/6 surface mount enclosure version of above RC10WPIP mounted in ABB enclosure mech. Knob incl. add \$				knob + sw	153 x 110 x 66	
	Model	Large Continuously Variable Speed Controllers >2000VA 8A	Input	Output	Power	Control	Size	PRICE
SPEC	MSC2000	Commercial duty aluminium encl motor speed controller - foot mount	240VAC 1n	240 2/3 wire	2000VA 8A	knob	114x63x74	
SPEC	MSC2000WP	Wall plate version of MSC2000 mounted on HPM double wall plate with switch mech. Knob incl	240VAC 1n	240 2/3 wire	2000VA 8A	knob + sw	114x114x76 dbl wp	
SPEC	MSC2400	Commercial duty aluminium encl motor speed controller - foot mount	240VAC 1n	240 2/3 wire	2400VA 10A	knob	114x63x74	
SPEC	MSC2400WP	Wall plate version of MSC2400 mounted on HPM double wall plate with switch mech. Knob incl	240VAC 1n	240 2/3 wire	2400VA 10A	knob	114x114x76 dbl wp	
SPEC	MSC2400WP-IP56	Surface mount IP56 powder coated aluminium enclosure version of MSC2400 with PDL plate and 2x switch mechs	240VAC 1n	240 2/3 wire	2400VA 10A	knob + sw	220x145x81	
	Model	Variable Speed Drives (control via 0-10 VDC or 2 - 20ma) control signal)	Input	Output	Power	Control	Size	PRICE
J	RC103	Low cost small footprint VSD power controller. Single output for 2 wire PSC motors, fans etc. Fully isolated control.	240VAC 1n	240 2W only	600VA 2.5A	0-10 VDC only	53x37x105	
J	RC103-IP	IP55 sealed version - RC103 -. Enclosure UL94V0 thermoplastic (note size change).	240VAC 1n	240 2W only	600VA 2.5A	0-10 VDC only	160x135x77	
J	RC105D	VSD in aluminium IP30 enclosure. Dual main / aux outputs for 2W/3W PSC motors. Fully isolated control.	240VAC 1n	240 2/3 wire	1200VA 5A	0-10V / 2-20ma	174x114x74	
J	RC108D	VSD in aluminium IP30 enclosure. Dual main / aux outputs for 2W/3W PSC motors. Fully isolated control.	240VAC 1n	240 2/3 wire	2000VA 8A	0-10V / 2-20ma	174x114x74	
J	RC110D	VSD in aluminium IP30 enclosure. Dual main / aux outputs for 2W/3W PSC motors. Fully isolated control.	240VAC 1n	240 2/3 wire	2400VA 10A	0-10V / 2-20ma	174x114x74	
SPEC	RC115D	VSD in aluminium IP30 enclosure. Dual main / aux outputs for 2W/3W PSC motors. Fully isolated control.	240VAC 1n	240 2/3 wire	3600VA 15A	0-10V / 2-20ma	174x114x80	
SPEC	RC120D	VSD in aluminium IP30 enclosure. Dual main / aux outputs for 2W/3W PSC motors. Fully isolated control.	240VAC 1n	240 2/3 wire	4800VA 20A	0-10V / 2-20ma	174x114x120	
SPEC	RC130D	VSD in aluminium IP30 enclosure. Dual main / aux outputs for 2W/3W PSC motors. Fully isolated control.	240VAC 1n	240 2/3 wire	7200VA 30A	0-10V / 2-20ma	350x114x80	
MOQ	change "B" for D	Single output version of above for lights, heat, universal, 2W PSC and shaded pole motors. Adjust price by -%	240VAC 1n	240 2W only		0-10V / 2-20ma	174x114x74	
J	add suffix "-IP65"	IP65 sealed version - RC105 to RC115 D -. Enclosure powder coated diecast aluminium (note size). Add \$		240 2/3 wire		0-10V / 2-20ma	222x148x55(85)	
SPEC	add suffix "SB"	Switchboard version RC105 etc. Vertical terminal blocks and removable lid. Access and wiring from top. Add \$						
SPEC	add suffix "-T" or "-TI"	Temperature controller ver as above but inverse proportional temp control. Incl IP56 thermistor on 3m lead Add \$				specify T lims	same size	
	Model	phase 240/415 VAC speed limiters / controllers. Factory preset or user adjustable. Var control option	Input	Input/Output	Power	Control	Size	PRICE
		ecify Control Mode Required - ON/OFF control add suffix /On-Off OR low - high control add suffix /L						
MOQ	MSR3000TP	Simple preset adjustable speed limiter ideal for 2 speed / ON-OFF operation with ext SPST switch. 3000 VA 4A ~1.2KW	240/440VAC 3n	3 phase +N in/out	3000VA	2spd or On-Off	174x114x74	
J	MSR7200TP	Simple preset adjustable speed limiter ideal for 2 speed / ON-OFF operation with ext SPST switch. 7200 VA 10A ~3.7KW	240/440VAC 3n	3 phase +N in/out	7200 VA	2spd or On-Off	174x114x74	
J	add suffix "/ADJ"	User adjustable controller with speed / power potentiometer mounted on top of enclosure Add \$	240/440VAC 3n	3 phase +N in/out		On-Off	174x114x74	
J	add suffix "/ADJSW"	User adjustable controller with speed/power potentiometer with integral ON/OFF switch mounted on top of enclosure add \$	240/440VAC 3n	3 phase +N in/out		Aux On-Off	174x114x74	
MOQ	add suffix "lead"	Lead out cables (280mm) instead of terminals - ideal for switchboards add \$	240/440VAC 3n	3 phase +N in/out	7200 VA	2spd or On-Off	174x114x74	
MOQ	add suffix "OEM"	Factory preset calibrated speed reduction for fixed speed reduction OEM applications deduct \$	240/440VAC 3n	3 phase +N in/out	3000VA	2spd or On-Off	174x114x74	
**	add suffix "VSD" **	VSD option - 0-10VDC or 2 - 20ma control with auto off at low control level ** add approx \$	240/440VAC 3n	3 phase +N in/out	7200 VA			

J = standard stocked item ** = available later in 2010 - enquire
 MOQ = production item made to order. Not normally ex stock. MOQ may apply.
 SPEC = special manufacture item specific to customer requirements. Lead time and MOQ apply.

Prices apply from: 1st July 2011
 Prices are in AU\$, exclude GST and exclude freight. Our standard terms and conditions of business apply to any orders.

PRODUCT TIMERS FOR FANS & HVAC



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Valid From 1-Jul-11

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Stock	Model	Single Period 1-SHOT Timer	Input	Output	Power	Control	Size	PRICE
J	ROT1S	Trigger activates fixed time period which times out after set time irrespective of status of trigger. Std 6min.	240VAC 1n	240 5A	1200VA	none	100 x 100 x 30	
MOQ	ROT1SV	Trigger activates adjustable -10 min period which times out after set time irrespective of status of trigger. Other adj periods also avail.	240VAC 1n	240 5A	1200VA	preset adj	100 x 100 x 30	
MOQ	ROT1S-U	As for ROT1S but with adjustable 0 - 30 min in 3 ranges	240VAC 1n	240 5A	1200VA	preset adj	100 x 100 x 30	
MOQ	add suffix -PL	easy connect via 4 pole HPM plug on 1m lead. Add\$	240VAC 1n	240 5A	1200VA		1m	
Model		Single Period RUN-ON Timer	Input	Output	Power	Control	Size	PRICE
J	ROT1	Trigger activates output immediately, run-on period initiated after trigger goes off. Std 6min.	240VAC 1n	240 5A	1200VA	none	100 x 100 x 30	
J	ROT1V	Trigger activates output immediately, adjustable 2 - 10 min run-on period initiated after trigger goes off. Other adj periods also avail.	240VAC 1n	240 5A	1200VA	preset adj	100 x 100 x 30	
J	ROT1U	As for ROT1V but with fully adjustable 0 - 28 mins in 3 ranges	240VAC 1n	240 5A	1200VA	preset adj	100 x 100 x 30	
MOQ	add suffix -PL	easy connect via 4 pole HPM plug on 1m lead. Add\$	240VAC 1n	240 5A	1200VA		1m	
Model		Dual Period RUN-ON Timer	Input	Output	Power	Control	Size	PRICE
MOQ	ROT2	Trigger starts delay period after which output activates. Run-on period initiated after trigger goes off. Std 2min D & 6min RO.	240VAC 1n	240 5A	1200VA	none	100 x 100 x 30	
J	ROT2V	Trigger starts adj delay period 0-2min after which output activates. Adjustable run-on 2-10min initiated after trigger goes off.	240VAC 1n	240 5A	1200VA	2x preset adj	100 x 100 x 30	
MOQ	ROT2U	As for ROT2V but with fully adjustable 0-5min delay & 0-28 min run-on in 3 ranges	240VAC 1n	240 5A	1200VA	2x preset adj	100 x 100 x 30	
MOQ	add suffix -PL	easy connect via 4 pole HPM plug on 1m lead. Add\$	240VAC 1n	240 5A	1200VA		1m	
Model		Multiple Trigger Dual Period RUN-ON Timer	Input	Output	Power	Control	Size	PRICE
J	ROT2M	Any 1 of 3 triggers starts delay period (2min) after which output activates. Run-on (6 min) initiated after last trigger goes off.	240VAC 1n	240 5A	1200VA	none	153 x 110 x 66	
J	ROT2MV	Any 1 of 3 triggers starts adj delay 0.3-2min after which output activates. Adj run-on 2-10 min initiated after last trigger goes off.	240VAC 1n	240 5A	1200VA	2x preset adj	153 x 110 x 66	
MOQ	ROT2MU	As for ROT2MV but with fully adjustable 0-12 min delay and 0-28 min run-on in 3 ranges	240VAC 1n	240 5A	1200VA	2x preset adj	100 x 100 x 30	
Model		Power Sensing Module to Trigger Timer or BMS	Input	Output	Power	Control	Size	PRICE
J	ROT-ISNSE	Monitors load current in active or neutral line. Switches pot free N.O. relay when load current >1.5 - 2A and off again <1 - 1.5A.	240VAC 1n	240 0 - 15A	3600VA	load	87 x 67 x 32	
SPEC	ROT-ISNSE-LS	ROT-ISNSE with low switching current + ON/OFF differential. Std 0.3/0.6A. Can specify other currents.	240VAC 1n	240 0 - 15A	3600VA	load	87 x 67 x 32	
Model		Long Delay User Adjustable Timer on wall plate	Input	Output	Power	Control	Size	PRICE
MOQ	LDT8	Knob (off - 0 - 8 hour) switches ON and sets run time. At end of period switches off. Status LED indicator. Double wall plate	240VAC 1n	240 5A	1200VA	none	100 x 100 x 50	
MOQ	LDT8-MSC	LDT8- plus standard MSC1200 fan speed controller. Dual control knobs	240VAC 1n	240 5A	1200VA	front knobs	100 x 100 x 50	
J	LDT8-MSC-B	LDT8-MSC + start-up timer that bypasses speed controller for 12secs at start. Reverts to speed control knob setting after 12 secs.	240VAC 1n	240 5A	1200VA	front knobs	100 x 100 x 50	
Model		Multiple Vent Single Duct Ventilation Control System for Fans and Motorised Dampers	Input	Output	Power	Control	Size	PRICE
MOQ	CLP-ROT1	Current loop slave module activated by 240 VAC light switch, current sensor, P switch etc. Outputs prop 0-20ma control. In-built timer.	240VAC 1n	240 5A	1200VA	loop current	153 x 110 x 66	
MOQ	CLP-PSU	Current loop VSD interface and power supply module. Provides 0-10VDC control to VSD and ultra-stable PSU for current loop slaves.	240VAC 1n	cntrl V/m	na	loop current	153 x 110 x 66	

J	= standard stocked item	Prices apply	1st July 20
MOQ	= special production item but not stocked. Minimum order quantity applies.	Prices are in AUS\$, exclude GST and exclude freight. Our standard terms and conditions of business apply to any orders.	
SPEC	= special manufacture item specific to customer requirements. MOQ may apply.		