

DPS Power Supplies

IMO's DPS range of AC/DC Din Rail mountable power supplies have been designed especially for the Control & Automation Market. Offering the benefits of slim lines, universal input, AC/DC operation and the security of a 3 year warranty.

- High efficiency
- Short circuit protection
- Internal input filtering
- PFC function available
- Parallel function available

Universal input voltage range:

85V - 265VAC

Standard output:

24VDC

Available versions:

5V, 12V and 48VDC



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i3 Controllers

IMO's i3 line of controller offers a unique solution since it is both a PLC and HMI combined in one device. It is also, small, very powerful and has many unique connectivity features. One such feature is the GRPS modem option, which is ideal for applications where the controller needs to be accessed remotely.



Available units

- i3A - Mono 128 x 64
- i3B - Mono 160x128 touch screen
- i3C - Colour 320 x 240 touch screen
- i3C - Mini colour 320x240 touch screen
- i3D - Colour 640x480 touch screen
- i3H - Graphic based 800x600 touch screen
- All units come with free software and updates

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iSmart Relays

Intelligent relays for precise controls

iSmart is a tiny intelligent relay / PLC having a 44 I/O point system that uses ladder graphic and FBD programs for applications in automation systems. iSmart can expand up to 3 groups of 4-input-4-outputs modules.



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Multiple out puts

Max 200 ladder step instruction

Many built-in application instructions

- Timer
- Counter
- Analog comparison
- Upper and lower differentiation
- PMW function
- Datalink function
- Remote I/O
- HMI function

iDrive AC variable speed Drive

Low cost general purpose micro inverter

- Integrated EMC filter
- Basic & Advanced set-up parameters
- DIN rail mounting (IP20 models only)
- V/F and sensorless vector operating modes
- 8 preset frequencies
- PID control, with 'sleep' operation
- DC braking
- Thermostatic cooling fan
- PNP or NPN operation
- Remote keypad option
- PC and PDA set-up / test software



Single phase

1Ø, 110V / 50~60Hz, 0.2~0.75kW (¼~1HP)*

1Ø, 230V / 50~60Hz, 0.2~2.2kW (¼~3HP)

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Jaguar VXG High performance Drive

3 Phase: 0.37-710kW (0.5-950HP)

With an ultra-fast CPU its reaction to sudden load changes response time is unsurpassed, and with up to 300% torque on tap the VXG has the power to drive even the most demanding of applications with ease whilst keeping cool and in control with its extensive parameter set and communication options.

- Integrated EMC Filter (EN61800-3 2004 cat C3)
- V/F, Torque Vector and closed loop control
- 200% starting torque between 0.3-5Hz
- Improved open-loop low-speed stability
- Safety input: digital input to enable/disable the IGBT devices of the inverter output stage
- Mechanical brake control output - torque generated
- PID thermistor input
- Encoder feedback (closed-loop) and shaft synchronizing options
- Internal brake chopper up to 22kW (30-110kW upon request)



@ 480VAC

IMO

All maintenance kits can be modified to suit your requirements. Every kit comes packed with all the right fuses so your never get caught short. Just give us a call or ask your Fusetek rep.

P/N - MTCE-R250 Time Delay			
Class RK5	Description	Fuse Amps	Qty Ea.
FLNR	250Vac T/D	5, 10, 15, 20, 25, 30A	5
FLNR-id	250Vac T/D	40, 50, 60A	5
FLNR-100id	250Vac T/D	100A	3
LRU-263R	Fuse Reducer	250Vac Class R 60-0Amp	1
LPFP	Fuse Puller 9/16" - 1-9/32" Dia.		1

* 5 - 30Amp are NON Indicating.



P/N - MTCE-R600 Time Delay			
Class RK5	Description	Fuse Amps	Qty Ea.
FLSR-id	600Vac T/D	10, 15, 20, 30, 60, 100A	5
LRU-663R	Fuse reducer	600V Class R 60-0Amp	1
LPFP	Fuse Puller 9/16" - 1-9/32" Dia.		1

P/N -MTCE-J Time delay			
Class J T/D	Description	Fuse Amps	Qty Ea.
JTD-id	600Vac T/D	10, 15, 20, 30, 40, 50,60A	5
		80, 100A	3
LRUJ63	Fuse Reducer	600Vac Class J 60-30A	3
LPFP	Fuse Puller 9/16" - 1-9/32" Dia.		1

P/N MTCE-CC			
Class CC	Description	Fuse Amps	Qty Ea.
CCMR	600Vac Time Delay	0.5, 1, 3, 5, 10, 15, 20,30A	5
KLKR	600Vac Fast Acting	5, 10, 15, 20, 30A	5
MFP	Fuse Puller 3/16" - 1/2" Dia.		1

Free Fuse Puller included in Kit.

P/N - MTCE-BA9S			
BA9S	Description	Colour	Qty Ea.
BA9SLED	120Vac/dc	R, G, A	10
BA9SLED	120Vac/dc	W, B	5
BA9SLED	24Vac/dc	R, G, A	10
BA9SLED	24Vac/dc	W, B	5

R=RED, W=White, B=Blue, G=Green, A=Amber

MTCE-LEDTEC			
22MM Pilot Lights	Description	Colour	Qty Ea.
LEDTEC	110/120Vac	R, W, B, G, A	5
LEDTEC	24VAC/DC	R, W, B, G, A	5
BCR-AX	30mm - 22mm Adapter ring		5

R=RED, W=White, B=Blue, G=Green, A=Amber

P/N - MTCE-GLASS			
1/4 X 1-1/4"	Description	Fuse Amps	Qty Ea.
312 (Glass)	250Vac Fast Acting	0.25, 0.5, 0.75, 1, 1.5, 2, 3, 4, 5, 6, 8, 10A	5
314 (Ceramic)	250Vac Fast Acting	15, 20, 30A	5
313 (Glass)	250Vac Slo-Blo	0.5, 0.75, 1, 1.5, 2, 3, 4, 5, 6.25, 8A	5
326 (Glass)	250Vac Slo-Blo	10, 15, 20, 25, 30A	5
5 x 20mm			
217 (Glass)	250Vac Fast Acting	0.25, 0.5, 1, 1.6, 2, 2.5, 3.15, 4, 5, 6.3, 8, 10A	5
218 (Glass)	250Vac Slo-Blo	0.5, 1, 2, 3.15, 4, 5, 6.3, 10A	5
Fuse Holders			
345-3LF8	Straight 1/4" Nema Q.C 3AB Panel Mount 250V / 20A		5
150-079	19" inline fuse holder for 1/4" x 1.25" 32 V/ 20A		2
150-274	1P,10A/32V for 5x20mm		2
354-901GY	1P, 30A/300V 1/4"Nema for 1/4"x1.1/4"		5
097023	Fuse Puller 5x20mm, 1/4 - 1-1/4" & Auto fuse		1

Free Fuse Puller included in Kit