

Pacific Scientific - PC800 - PCE800 Brushless Servo Drives

DSD40-2A-001



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The **DSD40-2A-001** is a part of the **PC800 - PCE800 Brushless Servo Drives Series** by **Pacific Scientific**.

Specifications

Bus Energy Absorption @630V Nominal Bus:	35J (PCE8x3), 70J (PCE8x5)	Continuous Output Current (rms):	Convection:3.75ARMS (PCE8x3), Forced-air:11.25ARMS (PCE8x5)	Environmental Altitude:	1500 m (5000 ft)
Input Voltage Range:	85-265VAC, 47-60Hz AC; or 130-370VDC	Max Feedback Cable Length:	50 m (164 ft)	Max Motor Power Cable Length:	50 m (164 ft)
Max Output Line Frequency:	833 kHz	Operating Humidity:	10% to 90% non? condensing	Peak Output Current (rms):	7.5ARMS (PCE8x3), 22.5ARMS (PCE8x5) for 3s
Peak Output Power:	Up to 15.2 kW @380VAC	Regeneration Resistor:	Optional for regenerated energy absorption	Resolver Feedback Resolution:	24bit (0.0013 arc?min)
Storage Temperature Range:	-40°C to 70°C	Velocity Command Resolution:	<0.001 RPM	Weight:	PCE8x3: 3.6kg (7.9lb); PCE8x5: 4.2kg (9.3lb)
Last Verified:	06/05/2025 5:48 PM				

Contact Us

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Shipping Options



Payment Methods



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