

Pacific Scientific - SC900 Servo Drives

SC905TN-001-01



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The **SC905TN-001-01** is a part of the **SC900 Servo Drives Series** by **Pacific Scientific**.

Specifications

Bus capacitance energy absorption (320 V):	50 J	Continuous output current (50°C, forced air):	30 A	Continuous output power (240 VAC 3?, 50°C):	9 kW
Inrush pulse width:	2 ms	Maximum external regeneration duty cycle:	10%	Maximum motor inductance:	0.5 H
Maximum motor power cable length:	50 m (164 ft)	Minimum motor inductance:	0.5 mH	Operating ambient temperature (forced air):	0°C to 50°C (full Ipeak/2)
Peak output current:	60 A	Peak power (240 VAC, 1 s, full 50°C):	18 kW	Power stage efficiency:	97%
Resolver position signal resolution:	24 bits (0.0013 arcmin)	Shunt regulator peak power (300 ms):	20 kW	Storage temperature:	-40°C to 70°C
Last Verified:	05/23/2025 10:07 PM				

Contact Us

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Payment Methods



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