

SV2L-407N Cut Sheet



SureServo2 low inertia AC brushless servo motor, 750W, 3-phase input, 24-bit (16777216 ppr) encoder. For use with SureServo2 SV2A-4075 750W drive.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/SV2L-407N>

Technical Specifications

Brand	SureServo2
Item	Servo motor
Performance Level	Low inertia
Voltage Type	AC
Motor Type	Brushless
Power Rating	750W
Number of Input Phases	3
Rated Speed	3200rpm
Maximum Speed	6000rpm
Amperage Rating	2.9A
Holding Torque Rating	19.8 lb-in
Encoder Resolution	24-bit (16777216 ppr)

Integrated Brake	No
Motor Frame	80mm
IP Rating	IP67
Shaft Type	Single
Shaft Diameter	19mm
Steps per Revolution	Up to 24-bit (16777216 ppr)
For Use With	SureServo2 SV2A-4075 750W drive
Includes	(2) 12in cables with connectors for encoder and power cables
Requires	SureServo2 SV2C-Pxxx power cable and SV2C-Exxx encoder cable

Agency Approvals

UL Listed File #	None
UL Recognized File #	E245050
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/SV2L-407N.pdf>
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