

APMC-FCL10AYK-AD Cut Sheet



LS Electric low inertia AC brushless servo motor, 1 kW, 3-phase input, 17-bit (131072 ppr) encoder. For use with LS Electric L7C L7CA010U-AD 1 kW drive.

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



<https://www.automationdirect.com/pn/APMC-FCL10AYK-AD>

Technical Specifications

Brand	LS Electric
Item	Servo motor
Performance Level	Low inertia
Voltage Type	AC
Motor Type	Brushless
Power Rating	1 kW
Number of Input Phases	3
Rated Speed	3000rpm
Maximum Speed	5000rpm
Amperage Rating	5.83A
Holding Torque Rating	28.1 lb-in
Encoder Resolution	17-bit (131072 ppr)
Integrated Brake	No
Motor Frame	80mm
IP Rating	IP67
Shaft Type	Single
Shaft Diameter	19mm
Steps per Revolution	Up to 17-bit (131072 ppr)
For Use With	LS Electric L7C L7CA010U-AD 1 kW drive
Includes	Motor shaft key
Requires	LS Electric APCS-PxxxxLSC-AD power cables and APCS-ExxxxES-AD encoder cables

Agency Approvals

UL Listed File #	None
UL Recognized File #	E255738
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document
Other	RoHS Statement