

# 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

<b>Brand</b>	LS Electric
<b>Item</b>	Servo motor
<b>Performance Level</b>	Low inertia
<b>Voltage Type</b>	AC
<b>Motor Type</b>	Brushless
<b>Power Rating</b>	1 kW
<b>Number of Input Phases</b>	3
<b>Rated Speed</b>	3000rpm
<b>Maximum Speed</b>	5000rpm
<b>Amperage Rating</b>	5.83A
<b>Holding Torque Rating</b>	28.1 lb-in

<b>Encoder Resolution</b>	17-bit (131072 ppr)
<b>Integrated Brake</b>	No
<b>Motor Frame</b>	80mm
<b>IP Rating</b>	IP67
<b>Shaft Type</b>	Single
<b>Shaft Diameter</b>	19mm
<b>Steps per Revolution</b>	Up to 17-bit (131072 ppr)
<b>For Use With</b>	LS Electric L7C L7CA010U-AD 1 kW drive
<b>Includes</b>	Motor shaft key
<b>Requires</b>	LS Electric APCS-PxxxxLSC-AD power cables and APCS-ExxxxES-AD encoder cables

## Agency Approvals

<b>UL Listed File #</b>	None
<b>UL Recognized File #</b>	E255738
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	None
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>
<b>Other</b>	<a href="#">RoHS Statement</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/APMC-FCL10AYK-AD.pdf>  
See store item page for other formats.