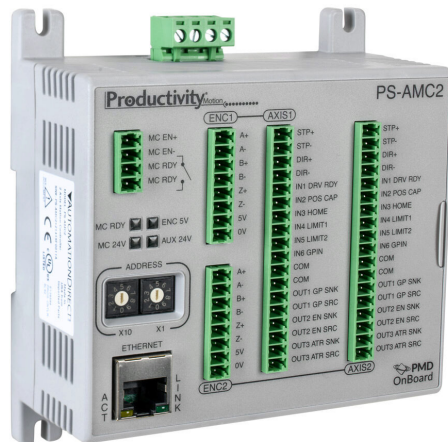


# PS-AMC2 Cut Sheet



ProductivityMotion 2-axis motion controller, 1 MHz maximum switching frequency, 12 high-speed input point(s), sinking, 2-channel, differential encoder input(s), 6 high-speed output point(s), sinking/sourcing, 2-channel, differential output(s).

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



<https://www.automationdirect.com/pn/PS-AMC2>

## Technical Specifications

<b>Brand</b>	ProductivityMotion
<b>Item</b>	2-axis motion controller
<b>Maximum Switching Frequency</b>	1 MHz
<b>Number of High-Speed Capable Input Points</b>	12
<b>Nominal Input Voltage</b>	5-24 VDC
<b>Discrete Input Type</b>	Sinking
<b>Number of Non-Isolated Input Commons</b>	2
<b>Number of Input Channels</b>	2
<b>Encoder Input Type</b>	line receiver (differential)
<b>Number of High-Speed Capable Output Points</b>	6
<b>Nominal Output Voltage</b>	5-24 VDC
<b>Discrete Output Type</b>	Sinking/sourcing
<b>Number of Non-Isolated Output Commons</b>	2
<b>Load Current</b>	50 mA/point
<b>Number of Output Channels</b>	2
<b>Pulse Output Channel Type</b>	line driver (differential)

<b>Position Scaling</b>	up to (2) quadrature (A and B with Z) encoder inputs
<b>Frequency Measurement</b>	up to (2) quadrature (A and B with Z) encoder inputs
<b>Output Pulse Mode(s)</b>	<ul style="list-style-type: none"><li>• up to (2) PTO linear step/direction outputs</li><li>• up to (2) PTO rotary step/direction outputs</li></ul>
<b>Axis Profile(s)</b>	<ul style="list-style-type: none"><li>• relative/absolute positioning</li><li>• velocity mode</li><li>• trapezoid</li><li>• jerk</li><li>• registration</li><li>• homing</li><li>• jogging</li><li>• electronic gearing</li><li>• rotary table control</li><li>• flying cutoff</li><li>• motion sequence</li></ul>
<b>External Power Requirement</b>	24 VDC
<b>For Use With</b>	Productivity series CPUs with (2) Ethernet 10/100Base-T (RJ45) ports
<b>Programming Software</b>	Productivity Suite programming software v3.10 or later
<b>Additional Information</b>	P2000/P3000 CPUs can support up to (4) motion controllers, P1000 CPUs can support up to (1) motion controller

## Agency Approvals

<b>UL Listed File #</b>	139594
<b>UL Recognized File #</b>	None
<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>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/PS-AMC2.pdf>  
See store item page for other formats.