

# ACM-11P0 Cut Sheet



IronHorse ACM series AC micro drive, enclosed, 120 VAC, 1 hp with 1-phase input, SVC or V/Hz mode, C frame, RS-485, integrated dynamic braking.

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



<https://www.automationdirect.com/pn/ACM-11P0>

## Technical Specifications

<b>Brand</b>	IronHorse	<b>Number of Non-Isolated Analog Input Commons</b>	1
<b>Item</b>	Drive	<b>Number of Points per Analog Input Common</b>	1
<b>Controller Type</b>	Micro	<b>Input Resolution</b>	10-bit
<b>Series</b>	ACM	<b>Input Current Signal Range</b>	4–20 mA
<b>Voltage Type</b>	AC	<b>Input Voltage Signal Range</b>	0–10 VDC
<b>Nominal Drive Input Voltage</b>	120 VAC	<b>Number of Analog Output Channels</b>	1
<b>Nominal Drive Output Voltage</b>	230 VAC	<b>Analog Output Signal Type</b>	Voltage
<b>Number of Input Phases</b>	1	<b>Number of Non-Isolated Analog Output Commons</b>	1
<b>Number of Output Phases</b>	3	<b>Number of Points per Analog Output Common</b>	1
<b>Horsepower By Input Phase</b>	1 hp with 1-phase input	<b>Output Resolution</b>	10-bit
<b>Amperage Rating</b>	4.2A	<b>Output Voltage Signal Range</b>	0–10 VDC
<b>Control Mode</b>	SVC or V/Hz	<b>Number of Discrete Input Points</b>	5
<b>Integrated EMI Filter</b>	No	<b>Nominal Discrete Input Voltage</b>	24 VDC
<b>Safe Torque Off (STO)</b>	No	<b>Discrete Input Type</b>	Sinking/sourcing
<b>Temperature Rating</b>	-10 to +50 °C	<b>Number of Non-Isolated Discrete Input Commons</b>	1
<b>Enclosure Type</b>	Enclosed	<b>Number of Points per Discrete Input Common</b>	5
<b>IP Rating</b>	IP20	<b>Number of Discrete Output Points</b>	2
<b>Mounting</b>	35mm DIN rail, panel or wall	<b>Nominal Discrete Output Voltage</b>	250 VAC and 30 VDC
<b>Frame Size</b>	C	<b>Discrete Output Type</b>	Relay
<b>Dynamic Braking</b>	Integrated dynamic braking	<b>Relay Configuration</b>	(1) Form C (SPDT) relay, (1) Form A (SPST) relay
<b>Communication Port and Connection Type(s)</b>	(1) RS-485 (RJ45)	<b>Number of Isolated Discrete Output Commons</b>	2
<b>Port Protocol(s)</b>	Modbus RTU Slave	<b>Number of Points per Discrete Output Common</b>	1
<b>Port Speed(s)</b>	up to 38.4k baud	<b>Load Current</b>	1A/point
<b>Input Signal</b>	4–20 mA, voltage or potentiometer input		
<b>Output Type</b>	PWM output		
<b>Reverse Capability</b>	Built-in		
<b>Internally Bypassed</b>	No		
<b>Carrier Frequency Range</b>	1–15 kHz		
<b>Output Frequency Range</b>	0.1–400 Hz		
<b>Number of Analog Input Channels</b>	2		
<b>Analog Input Signal Type</b>	Current/voltage		

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<b>Fuse Type</b>	User-supplied external fuse
<b>Connector Type</b>	Screw terminals
<b>For Use With</b>	3-phase induction motors

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## Agency Approvals

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<b>UL Listed File #</b>	E198015
<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>
<b>Other</b>	<a href="#">RoHS Statement</a>

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## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/2d/ACM-11P0.pdf>  
See store item page for other formats.

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