

# CFW320A01P6S1NB20 Cut Sheet



WEG Electric CFW320 series AC general purpose drive, enclosed, 120 VAC, 1/4hp with 1-phase input, SVC, V/Hz or VVW mode, A frame. Optional communication and I/O modules available.

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



<https://www.automationdirect.com/pn/CFW320A01P6S1NB20>

## Technical Specifications

<b>Brand</b>	WEG Electric
<b>Item</b>	Drive
<b>Controller Type</b>	General purpose
<b>Series</b>	CFW320
<b>Voltage Type</b>	AC
<b>Nominal Drive Input Voltage</b>	120 VAC
<b>Nominal Drive Output Voltage</b>	230 VAC
<b>Number of Input Phases</b>	1
<b>Number of Output Phases</b>	3
<b>Horsepower By Input Phase</b>	1/4hp with 1-phase input
<b>Amperage Rating</b>	1.6A
<b>Control Mode</b>	SVC, V/Hz or VVW
<b>Safe Torque Off (STO)</b>	No
<b>Temperature Rating</b>	0 to 50 deg C
<b>Enclosure Type</b>	Enclosed
<b>IP Rating</b>	IP20
<b>Mounting</b>	35mm DIN rail, panel or wall
<b>Frame Size</b>	A
<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>	2.5-15 kHz
<b>Output Frequency Range</b>	0.1-400 Hz
<b>Number of Analog Input Channels</b>	1
<b>Number Of Input Channels</b>	1
<b>Analog Input Signal Type</b>	Current/voltage
<b>Number of Non-Isolated Analog Input Commons</b>	1
<b>Number of Points per Analog Input Common</b>	1

<b>Input Resolution</b>	10-bit
<b>Input Current Signal Range</b>	4-20 mA
<b>Input Voltage Signal Range</b>	0-10 VDC
<b>Number of Discrete Input Points</b>	4
<b>Nominal Discrete Input Voltage</b>	24 VDC
<b>Discrete Input Type</b>	Sinking/sourcing
<b>Number of Non-Isolated Discrete Input Commons</b>	1
<b>Number of Points per Discrete Input Common</b>	4
<b>Number of Discrete Output Points</b>	1
<b>Nominal Discrete Output Voltage</b>	250 VAC
<b>Discrete Output Type</b>	Relay
<b>Relay Configuration</b>	(1) Form C (SPDT) relay
<b>Number of Isolated Discrete Output Commons</b>	1
<b>Number of Points per Discrete Output Common</b>	1
<b>Load Current</b>	0.5A/point
<b>Fuse Type</b>	User-supplied external fuse
<b>Programming Language</b>	Ladder
<b>SCCR Rating</b>	65kA SCCR
<b>Connector Type</b>	Screw terminals
<b>For Use With</b>	3-phase induction motors
<b>Additional Information</b>	Optional communication and I/O modules available

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## Agency Approvals

<b>UL Listed File #</b>	E184430
<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>

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## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/2d/CFW320A01P6S1NB20.pdf>  
See store item page for other formats.