

15572689 Cut Sheet



WEG Electric CFW500 series AC high-performance drive, enclosed, 230 VAC, 3hp with 3-phase input, SVC, V/Hz, VVW, FOC or torque mode, A frame, RS-485. Optional communication and STO modules available.

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



<https://www.automationdirect.com/pn/15572689>

Technical Specifications

Brand	WEG Electric	Number of Non-Isolated Analog Input Commons	1
Item	Drive	Number of Points per Analog Input Common	1
Controller Type	High-performance	Input Resolution	10-bit
Series	CFW500	Input Current Signal Range	0-20 mA, 4-20 mA
Voltage Type	AC	Input Voltage Signal Range	0-10 VDC
Nominal Drive Input Voltage	230 VAC	Number of Analog Output Channels	1
Nominal Drive Output Voltage	230 VAC	Number Of Output Channels	1
Number of Input Phases	3	Analog Output Signal Type	Current/voltage
Number of Output Phases	3	Number of Non-Isolated Analog Output Commons	1
Horsepower By Input Phase	3hp with 3-phase input	Number of Points per Analog Output Common	1
Amperage Rating	9.6A	Output Resolution	10-bit
Control Mode	SVC, V/Hz, VVW, FOC or torque	Output Current Signal Range	0-20 mA and 4-20 mA
Safe Torque Off (STO)	No	Output Voltage Signal Range	0-10 VDC
Temperature Rating	0 to 50 deg C	Number of Discrete Input Points	4
Enclosure Type	Enclosed	Nominal Discrete Input Voltage	24 VDC
IP Rating	IP20	Discrete Input Type	Sourcing/sinking
Mounting	35mm DIN rail, panel or wall	Number of Non-Isolated Discrete Input Commons	1
Frame Size	A	Number of Points per Discrete Input Common	1
Communication Port and Connection Type(s)	(1) RS-485 (3-pin terminal)	Number of Discrete Output Points	2
Port Protocol(s)	Modbus RTU Master/Slave	Nominal Discrete Output Voltage	240 VAC and 24 VDC
Port Speed(s)	up to 38.4k baud	Discrete Output Type	Relay
Input Signal	4-20 mA, voltage or potentiometer input	Relay Configuration	(1) Form C (SPDT) relay
Output Type	PWM output		
Reverse Capability	Built-in		
Internally Bypassed	No		
Carrier Frequency Range	2.5-15 kHz		
Output Frequency Range	0.1-500 Hz		
Number of Analog Input Channels	1		
Number Of Input Channels	1		
Analog Input Signal Type	Current/voltage		

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Number of Non-Isolated Discrete Output Commons	1
Number of Points per Discrete Output Common	1
Load Current	0.5A/point relay, 150 mA/point discrete
Fuse Type	User-supplied external fuse
Programming Language	Ladder
SCCR Rating	65kA SCCR
Connector Type	Screw terminal
For Use With	3-phase induction and permanent magnet AC motors
Additional Information	Optional communication and STO modules available
Manufacturer Part Number	CFW500A09P6T2NB20G2

Agency Approvals

UL Listed File #	E184430
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/15572689.pdf>
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