

16905623 Cut Sheet



WEG Electric CFW500 series AC high-performance drive, NEMA 4X, 230 VAC, 15hp with 3-phase input, SVC, V/Hz, VVW, FOC, encoder or torque mode, C frame, RS-485, integrated dynamic braking. 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/16905623>

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 and 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	15hp with 3-phase input	Number of Points per Analog Output Common	1
Amperage Rating	47A	Output Resolution	10-bit
Control Mode	SVC, V/Hz, VVW, FOC, encoder 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	-10 to 40 deg C	Number of Discrete Input Points	4
Enclosure Type	NEMA 4X	Nominal Discrete Input Voltage	24 VDC
IP Rating	IP66	Discrete Input Type	Sourcing/sinking
Mounting	Wall	Number of Non-Isolated Discrete Input Commons	1
Frame Size	C	Number of Points per Discrete Input Common	1
Dynamic Braking	Integrated dynamic braking	Number of Discrete Output Points	2
Communication Port and Connection Type(s)	(1) RS-485 (3-pin terminal)	Nominal Discrete Output Voltage	240 VAC and 24 VDC
Port Protocol(s)	Modbus RTU Master/Slave	Discrete Output Type	Sinking/relay
Port Speed(s)	up to 38.4k baud	Relay Configuration	(1) Form C (SPDT) relay
Input Signal	4-20 mA, voltage or potentiometer input	Number of Non-Isolated Discrete Output Commons	1
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 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
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	CFW500C47P0T2DB66G2

Agency Approvals

EU REACH	View EU REACH document
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Dimensional Drawings



2D Drawing PDF Link:
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