

WEG Automation

Low Voltage Drives Product List (Unpriced)

Industrial Motors

Commercial &
Appliance Motors

Automation

Digital &
Systems

Energy

Transmission &
Distribution

Coatings

2026



Driving efficiency and sustainability



CFW500

CFW500 - Specification
CFW500 - Codification
CFW500 - Standard
CFW500 - Standard + IOS Plug-in
CFW500 - IP66 - Standard + RFI Filter
CFW500 - IP66 - Standard + RFI Filter + IOS Plug-in
CFW500 - IP66 with Disconnect Switch - Standard + RFI filter
CFW500 - IP66 with Disconnect Switch - Standard + RFI Filter + IOS Plug-in
CFW500 - Standard + IOS Plug-in - T5
CFW500 - IP66 - 500-600Vac
CFW500 - Accessories

CFW11

CFW11 - Specification
CFW11 - Codification
CFW11 - Standard & STO - T2
CFW11 - RFI filter & RFI filter with STO - T2
CFW11 - Standard - T4
CFW11 - STO - T4
CFW11 - RFI filter - T4
CFW11 - STO and 24 Vdc Supply
CFW11 - Dynamic Braking Transistor with RFI filter DC voltage feeding
CFW11 - Standard - T5
CFW11 - STO - T5
CFW11 - RFI Filter - T5
CFW11 - Standard - T6
CFW11 - IP55
CFW11 - IP55 with RFI Filter
CFW11 - IP55 and Disconnect Switch
CFW11 - IP55 and Disconnect Switch with RFI Filter
CFW11 - Accessories
CFW11 - Accessories

CFW900

CFW900 - Specification
CFW900 - Codification
CFW900 - Standard BT - T2
CFW900 - Standard BT - T4
CFW900 - Standard - T2
CFW900 - Standard - T4
CFW900 - Standard - T5
CFW900 - Accessories

MW500

MW500 - Specification
MW500 - Codification
MW500 - Standard, Disconnect Switch (56mm)
MW500 - Standard, Disconnect Switch and RFI Filter (56mm)
MW500 - Standard, Disconnect Switch + IOS Plug-in (56mm)
MW500 - Standard, Disconnect Switch and RFI Filter + IOS Plug-in (56mm)
MW500 - Standard, Disconnect Switch (70 and 110mm)
MW500 - Standard, Disconnect Switch and RFI Filter (70 and 110mm)
MW500 - Standard, Disconnect Switch + IOS Plug-in (70 and 110mm)
MW500 - Standard, Disconnect Switch and RFI Filter + IOS Plug-in (70 and 110mm)
MW500 - Accessories

ADV200

ADV200 - Specification
ADV200 - Codification
ADV200 - Water and Air - T4
ADV200 - Water and Air - Safety Stop - T4
ADV200 - Water and Air - Parallel - T4
ADV200 - Water and Air - Parallel -DC - T4
ADV200 - Water and Air - T6
ADV200 - Water and Air - Safety Stop -T6
ADV200 - Water and Air - Parallel - T6
ADV200 - Solar Pump - T4
ADP200 - ServoPump - T4
ADV200SP - Accessories - RFI Filter
ADV200WA - Accessories - RFI Filter
ADV200WA - Accessories - Reactor
ADV200WA - Accessories - Reactor 1
Front End - Accessories - RFI Filter

SSW07

SSW07 - Specification
SSW07 - Codification
SSW07 - Heavy Load Starts
SSW07 - Accessories

SSW900

SSW900 - Specification
SSW900 - Codification
SSW900 - Standard 230Vac
SSW900 - Standard 400Vac
SSW900 - Standard 575Vac
SSW900 - Standard 690Vac
SSW900 - Accessories

The CFW500 variable speed drive is an industry purpose drive designed to deliver flexible and user friendly interface. Several accessories (I/O's, STO/SS1, communication modules) can easily be incorporated to the drive via a plug and play technology bringing simplicity to the installation.



- Certifications:



Technical data:

- Single and three-phase power supply.
- Voltage range: 200-240Vac for single-phase models.
200-240Vac, 380-480Vac and 500-600V for three-phase models.
- Current / Power range: up to 211 Amps / 110 kW (150 HP)
- Control mode: scalar (V/Hz), VVW, open loop vector control, closed loop with encoder and VVW PM (not available for IP20 frame A)
- Switching frequency: 2.5 to 15kHz.
- Overload capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.
HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.
- Degree of protection: IP20 and IP66 / NEMA Type 4X.
- Operating temperature: IP20 frames A to E: -10 to 50°C if not installed side-by-side or with NEMA1, RFI Filter and STO/SS1 models.
IP20 frames A to E: -10 to 40°C if installed side-by-side or with NEMA1, RFI Filter and STO/SS1 models.
IP20 frames F: -10 °C to 40 °C.
IP20 frame G: -10 °C to 45 °C if not installed with STO/SS1.
IP20 frame G: -10 °C to 40 °C if installed with STO/SS1.
IP66 frames A and B: -10 °C to 40 °C.
it's possible to operate on higher temperatures with current derating (check user manual)
- Altitude: 0 to 1000m
up to 4000m with current derating (1% for every 100m above 1000m)
- Humidity: 5 to 95% non-condensing.
- Integrated brake chopper for IP20 models frames B to F, and IP66 models frames A and B.
- Built-in PID controller.
- Built-in HMI.

- I/O connections:

	IOS IOS-PNP CUSB	IOD	IOAD	IOR-B	CCAN CPDP / 2	CRS232	CRS485-B	CEMB-TCP CETH-IP	CEPN-IO
Digital inputs	4	8	6	5	2	2	4	2	2
Digital outputs	1	4	3	1	1	1	1	1	1
Relay Outputs	1	1	1	4	1	1	2	1	1
Analog inputs	1	1	3	1	1	1	2	1	1
Analog outputs	1	1	2	1	1	1	1	1	1
RS 485	1	1	1	1	1	1	2	1	1
24 VDC	1	1	1	1	1	1	1	1	1
Encoder	-	-	-	-	-	-	-	-	-

- Fieldbus:

RS232 WEGbus	RS485 WEGbus	Modbus RTU	Modbus TCP	Profibus DP	Profibus DPV1	Profinet	CANopen	DeviceNet	EtherNet/IP	BACnet
CFW500-CRS232	CFW500-CRS485-B	Any plug-in module	CFW500-CEMB-TCP	CFW500-CPDP / 2	CFW500-CPDP / 2	CFW500-CEPN-IO	CFW500-CCAN	CFW500-CCAN	CFW500-CETH-IP	Any plug-in module with the CFW500 G2 version

Accessories:

- IP21/NEMA1 kit
- Plug in modules
- External HMI
- Flash Memory
- STO/SS1: Cat. 4 / PLe acc. to EN ISO 13849-1; SIL 3 / SIL CL 3 acc. to EN 61800-5-2 / IEC 61508 / EN 62061

Optionals:

- RFI filter

Special Versions:

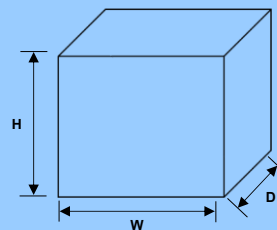
- IP66 / NEMA Type 4X enclosure

Machinery Variable Speed Drive

Product and Series	Model Identification				Braking	Degree of Protection	Conducted Emission Level	Disconnect Switch	Safety	Special Hardware/Firmware	Generation
	Frame Size	Rated Current	No. of phases power supply	Rated Voltage							
CFW500	A	01P6	T	4	NB	20	C2	-	-	-	G2
CFW500	A	01P0 = 1.0	S = single-phase								
	B	01P6 = 1.6	B = single/three-ph.								
	C	01P7 = 1.7	T = three-phase								
	D	02P6 = 2.6	2 = 200...240Vac								
	E	03P0 = 3.0	4 = 380...480Vac								
	F	04P3 = 4.3	5 = 500...600Vac								
	G	06P1 = 6.1	NB = without braking chopper								
		06P5 = 6.5	DB = with braking chopper								
		07P0 = 7.0	20 = IP20								
		07P3 = 7.3	N1 = NEMA1 Enclosure								
		09P6 = 9.6	66 = IP66 / NEMA Type 4X								
		10P0 = 10	Blank = without RFI filter								
		12P0 = 12	C2 = According to category 2 of IEC 61800-3 standard								
		14P0 = 14	C3 = According to category 3 of IEC 61800-3 standard								
		16P0 = 16	Blank = without disconnect switch								
		24P0 = 24	DS = with disconnect switch								
		28P0 = 28	Blank = without STO/SS1 function								
		31P0 = 31	Y2 = with STO/SS1 function								
		33P0 = 33	Blank = with IOS plug-in module								
		47P0 = 47	H00 = Standard hardware without plug-in module								
		49P0 = 49	Sxx = Special firmware								
		56P0 = 56	Blank = Generation 1								
		77P0 = 77	G2 = Generation 2								
		88P0 = 88									
		0105 = 105									
		0142 = 142									
		0145 = 145									
		0180 = 180									
		0211 = 211									

- Dimensions and weight (without packaging):

IP20				
Frame size	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
A	190	76	150	0.8
B	200	101	161	1.2
C	210	135.2	165.1	2.0
D	306.6	180	166.5	4.3
E	350	220	191.5	10.0
F	550	300	254	26.0
G	675	335.3	314	52.0
IP66 with disconnect switch				
A	265	165	252.5	10.0
B	340	215	252.9	12.0



Variable Speed Drives

CFW500 - Standard (without plug-in module) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
230V - 1AC								
15571886	CFW500 A 01P6 S2 NB20H00G2	-	1.6	-	0.25	A	50°C	No
15571950	CFW500 A 02P6 S2 NB20H00G2	-	2.6	-	0.55	A	50°C	No
15571954	CFW500 A 04P3 S2 NB20H00G2	-	4.3	-	1.1	A	50°C	No
15572624	CFW500 A 07P0 S2 NB20H00G2	-	7	-	1.5	A	50°C	No
230V - 1 or 3AC								
15571878	CFW500 A 01P6 B2 NB20H00G2	-	1.6	-	0.25	A	50°C	No
15571880	CFW500 A 02P6 B2 NB20H00G2	-	2.6	-	0.55	A	50°C	No
15571882	CFW500 A 04P3 B2 NB20H00G2	-	4.3	-	1.1	A	50°C	No
15574749	CFW500 B 07P3 B2 DB20H00G2	-	7	-	1.5	B	50°C	Yes
15575083	CFW500 B 10P0 B2 DB20H00G2	-	10	-	2.2	B	50°C	Yes
380V - 3AC								
15572820	CFW500 A 01P0 T4 NB20H00G2	-	1	-	0.25	A	50°C	No
15572911	CFW500 A 01P6 T4 NB20H00G2	-	1.6	-	0.37	A	50°C	No
15573715	CFW500 A 02P6 T4 NB20H00G2	-	2.6	-	1.1	A	50°C	No
15573820	CFW500 A 04P3 T4 NB20H00G2	-	4.3	-	1.5	A	50°C	No
15573824	CFW500 A 06P1 T4 NB20H00G2	-	6.1	-	2.2	A	50°C	No
15575572	CFW500 B 02P6 T4 DB20H00G2	-	2.6	-	1.1	B	50°C	Yes
15575606	CFW500 B 04P3 T4 DB20H00G2	-	4.3	-	1.5	B	50°C	Yes
15575666	CFW500 B 06P5 T4 DB20H00G2	-	6.5	-	2.2	B	50°C	Yes
15575700	CFW500 B 10P0 T4 DB20H00G2	-	10	-	4	B	50°C	Yes
15575708	CFW500 C 14P0 T4 DB20H00G2	-	14	-	5.5	C	50°C	Yes
15575712	CFW500 C 16P0 T4 DB20H00G2	-	16	-	7.5	C	50°C	Yes
15576923	CFW500 D 24P0 T4 DB20H00G2	-	24	-	11	D	50°C	Yes
15577022	CFW500 D 31P0 T4 DB20H00G2	-	31	-	15	D	50°C	Yes
15577403	CFW500 E 39P0 T4 DB20H00G2	45	39	22	18.5	E	40°C	Yes
15577456	CFW500 E 49P0 T4 DB20H00G2	58.5	49	30	22	E	40°C	Yes
15734062	CFW500 F 77P0 T4 DB20H00G2	77	61	37	30	F	40°C	Yes
15734065	CFW500 F 88P0 T4 DB20H00G2	88	73	45	37	F	40°C	Yes
15734120	CFW500 F 0105 T4 DB20H00G2	105	88	55	45	F	40°C	Yes
15448496	CFW500 G 0142 T4 NB20H00G2	142	115	75	55	G	45°C	No
15448497	CFW500 G 0180 T4 NB20H00G2	180	142	90	75	G	45°C	No
15448538	CFW500 G 0211 T4 NB20H00G2	211	180	110	90	G	45°C	No
15448375	CFW500 G 0142 T4 DB20H00G2	142	115	75	55	G	45°C	Yes
15448377	CFW500 G 0180 T4 DB20H00G2	180	142	90	75	G	45°C	Yes
15448490	CFW500 G 0211 T4 DB20H00G2	211	180	110	90	G	45°C	Yes

Overload Capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

ND overload capacity available for frame size E, from firmware version v.3.7x

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW500 - Standard (with IOS plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
230V - 1AC								
15571885	CFW500 A 01P6 S2 NB20G2	-	1.6	-	0.25	A	50°C	No
15571949	CFW500 A 02P6 S2 NB20G2	-	2.6	-	0.55	A	50°C	No
15571953	CFW500 A 04P3 S2 NB20G2	-	4.3	-	1.1	A	50°C	No
15572573	CFW500 A 07P0 S2 NB20G2	-	7	-	1.5	A	50°C	No
230V - 1 or 3AC								
15570800	CFW500 A 01P6 B2 NB20G2	-	1.6	-	0.25	A	50°C	No
15571879	CFW500 A 02P6 B2 NB20G2	-	2.6	-	0.55	A	50°C	No
15571881	CFW500 A 04P3 B2 NB20G2	-	4.3	-	1.1	A	50°C	No
15574655	CFW500 B 07P3 B2 DB20G2	-	7	-	1.5	B	50°C	Yes
15575067	CFW500 B 10P0 B2 DB20G2	-	10	-	2.2	B	50°C	Yes
380V - 3AC								
15572819	CFW500 A 01P0 T4 NB20G2	-	1	-	0.25	A	50°C	No
15572908	CFW500 A 01P6 T4 NB20G2	-	1.6	-	0.37	A	50°C	No
15573714	CFW500 A 02P6 T4 NB20G2	-	2.6	-	1.1	A	50°C	No
15573819	CFW500 A 04P3 T4 NB20G2	-	4.3	-	1.5	A	50°C	No
15573823	CFW500 A 06P1 T4 NB20G2	-	6.1	-	2.2	A	50°C	No
15575568	CFW500 B 02P6 T4 DB20G2	-	2.6	-	1.1	B	50°C	Yes
15575577	CFW500 B 04P3 T4 DB20G2	-	4.3	-	1.5	B	50°C	Yes
15575665	CFW500 B 06P5 T4 DB20G2	-	6.5	-	2.2	B	50°C	Yes
15575699	CFW500 B 10P0 T4 DB20G2	-	10	-	4	B	50°C	Yes
15575707	CFW500 C 14P0 T4 DB20G2	-	14	-	5.5	C	50°C	Yes
15575711	CFW500 C 16P0 T4 DB20G2	-	16	-	7.5	C	50°C	Yes
15576919	CFW500 D 24P0 T4 DB20G2	-	24	-	11	D	50°C	Yes
15577021	CFW500 D 31P0 T4 DB20G2	-	31	-	15	D	50°C	Yes
15577211	CFW500 E 39P0 T4 DB20G2	45	39	22	18.5	E	40°C	Yes
15577452	CFW500 E 49P0 T4 DB20G2	58.5	49	30	22	E	40°C	Yes
15733937	CFW500 F 77P0 T4 DB20G2	77	61	37	30	F	40°C	Yes
15734064	CFW500 F 88P0 T4 DB20G2	88	73	45	37	F	40°C	Yes
15734119	CFW500 F 0105 T4 DB20G2	105	88	55	45	F	40°C	Yes
15448492	CFW500 G 0142 T4 NB20G2	142	115	75	55	G	45°C	No
15448493	CFW500 G 0180 T4 NB20G2	180	142	90	75	G	45°C	No
15448494	CFW500 G 0211 T4 NB20G2	211	180	110	90	G	45°C	No
15448371	CFW500 G 0142 T4 DB20G2	142	115	75	55	G	45°C	Yes
15448372	CFW500 G 0180 T4 DB20G2	180	142	90	75	G	45°C	Yes
15448373	CFW500 G 0211 T4 DB20G2	211	180	110	90	G	45°C	Yes

Overload Capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

ND overload capacity available for frame size E, from firmware version v.3.7x

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW500 - RFI Filter (with IOS plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
230V - 1AC								
15571883	CFW500 A 01P6 S2 NB20C2G2	-	1.6	-	0.25	A	40°C	No
15571887	CFW500 A 02P6 S2 NB20C2G2	-	2.6	-	0.55	A	40°C	No
15571951	CFW500 A 04P3 S2 NB20C2G2	-	4.3	-	1.1	A	40°C	No
15572466	CFW500 A 07P0 S2 NB20C3G2	-	7	-	1.5	A	40°C	No
15575086	CFW500 B 07P3 S2 DB20C2G2	-	7.3	-	1.5	B	40°C	Yes
15575113	CFW500 B 10P0 S2 DB20C2G2	-	10	-	2.2	B	40°C	Yes
230V - 3AC								
15575714	CFW500 D 28P0 T2 DB20C3G2	-	28	-	7.5	D	40°C	Yes
15575729	CFW500 D 33P0 T2 DB20C3G2	-	33	-	9.2	D	40°C	Yes
15576435	CFW500 D 47P0 T2 DB20C3G2	-	47	-	11	D	40°C	Yes
15577068	CFW500 E 56P0 T2 DB20C3G2	70	56	18.5	15	E	40°C	Yes
15342628	CFW500 F 77P0 T2 DB20C3G2	77	64	22	18.5	F	40°C	Yes
15342761	CFW500 F 88P0 T2 DB20C3G2	88	75	22	22	F	40°C	Yes
15342911	CFW500 F 0105 T2 DB20C3G2	105	88	30	22	F	40°C	Yes
15654800	CFW500 G 0145 T2 NB20C3G2	145	115	37	30	G	45°C	No
15654801	CFW500 G 0180 T2 NB20C3G2	180	145	55	37	G	45°C	No
15654802	CFW500 G 0211 T2 NB20C3G2	211	180	55	55	G	45°C	No
15654761	CFW500 G 0145 T2 DB20C3G2	145	115	37	30	G	45°C	Yes
15654763	CFW500 G 0180 T2 DB20C3G2	180	145	55	37	G	45°C	Yes
15654764	CFW500 G 0211 T2 DB20C3G2	211	180	55	55	G	45°C	Yes
380V - 3AC								
15572697	CFW500 A 01P0 T4 NB20C2G2	-	1	-	0.25	A	40°C	No
15572825	CFW500 A 01P6 T4 NB20C2G2	-	1.6	-	0.37	A	40°C	No
15573712	CFW500 A 02P6 T4 NB20C2G2	-	2.6	-	1.1	A	40°C	No
15573716	CFW500 A 04P3 T4 NB20C2G2	-	4.3	-	1.5	A	40°C	No
15573821	CFW500 A 06P1 T4 NB20C3G2	-	6.1	-	2.2	A	40°C	No
15575258	CFW500 B 02P6 T4 DB20C2G2	-	2.6	-	1.1	B	40°C	Yes
15575574	CFW500 B 04P3 T4 DB20C2G2	-	4.3	-	1.5	B	40°C	Yes
15575660	CFW500 B 06P5 T4 DB20C2G2	-	6.5	-	2.2	B	40°C	Yes
15575667	CFW500 B 10P0 T4 DB20C3G2	-	10	-	4	B	40°C	Yes
15575703	CFW500 C 14P0 T4 DB20C2G2	-	14	-	5.5	C	40°C	Yes
15575709	CFW500 C 16P0 T4 DB20C2G2	-	16	-	7.5	C	40°C	Yes
15576894	CFW500 D 24P0 T4 DB20C3G2	-	24	-	11	D	40°C	Yes
15576927	CFW500 D 31P0 T4 DB20C3G2	-	31	-	15	D	40°C	Yes
15577181	CFW500 E 39P0 T4 DB20C3G2	45	39	22	18.5	E	40°C	Yes
15577406	CFW500 E 49P0 T4 DB20C3G2	58.5	49	30	22	E	40°C	Yes
15734058	CFW500 F 77P0 T4 DB20C3G2	77	61	37	30	F	40°C	Yes
15734066	CFW500 F 88P0 T4 DB20C3G2	88	73	45	37	F	40°C	Yes
15734121	CFW500 F 0105 T4 DB20C3G2	105	88	55	45	F	40°C	Yes
15180356	CFW500 G 0142 T4 NB20C3G2	142	115	75	55	G	45°C	No
15180488	CFW500 G 0180 T4 NB20C3G2	180	142	90	75	G	45°C	No
15180489	CFW500 G 0211 T4 NB20C3G2	211	180	110	90	G	45°C	No
15180348	CFW500 G 0142 T4 DB20C3G2	142	115	75	55	G	45°C	Yes
15180350	CFW500 G 0180 T4 DB20C3G2	180	142	90	75	G	45°C	Yes
15180351	CFW500 G 0211 T4 DB20C3G2	211	180	110	90	G	45°C	Yes

Overload Capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

ND overload capacity available for frame size E, from firmware version v.3.7x

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW500 - Standard (without plug-in module) - 500~600V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
525V - 3AC								
12954766	CFW500 C 01P7 T5 DB20H00	-	1.7	-	0.75	C	50°C	Yes
12954767	CFW500 C 03P0 T5 DB20H00	-	3	-	1.5	C	50°C	Yes
12954858	CFW500 C 04P3 T5 DB20H00	-	4.3	-	2.2	C	50°C	Yes
12954859	CFW500 C 07P0 T5 DB20H00	-	7	-	4	C	50°C	Yes
12954860	CFW500 C 10P0 T5 DB20H00	-	10	-	5.5	C	50°C	Yes
12954861	CFW500 C 12P0 T5 DB20H00	-	12	-	7.5	C	50°C	Yes

CFW500 - Standard (with IOS plug-in module built-in) - 500~600V

525V - 3AC								
12954862	CFW500 C 01P7 T5 DB20	-	1.7	-	0.75	C	50°C	Yes
12954863	CFW500 C 03P0 T5 DB20	-	3	-	1.5	C	50°C	Yes
12954864	CFW500 C 04P3 T5 DB20	-	4.3	-	2.2	C	50°C	Yes
12954865	CFW500 C 07P0 T5 DB20	-	7	-	4	C	50°C	Yes
12954866	CFW500 C 10P0 T5 DB20	-	10	-	5.5	C	50°C	Yes
12954867	CFW500 C 12P0 T5 DB20	-	12	-	7.5	C	50°C	Yes

Overload Capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW500 IP66 - Standard (without plug-in module) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
230V - 1 or 3AC								
14989334	CFW500 A 01P6 B2 DB66H00G2	-	1.6	-	0.25	A	40°C	Yes
14990984	CFW500 A 02P6 B2 DB66H00G2	-	2.6	-	0.55	A	40°C	Yes
14991514	CFW500 A 04P3 B2 DB66H00G2	-	4.3	-	1.1	A	40°C	Yes
14937832	CFW500 A 07P3 B2 DB66H00G2	-	7.3	-	1.5	A	40°C	Yes
14938040	CFW500 A 10P0 B2 DB66H00G2	-	10	-	2.2	A	40°C	Yes
380V - 3AC								
14991839	CFW500 A 01P0 T4 DB66H00G2	-	1	-	0.25	A	40°C	Yes
14992112	CFW500 A 01P6 T4 DB66H00G2	-	1.6	-	0.37	A	40°C	Yes
14975847	CFW500 A 02P6 T4 DB66H00G2	-	2.6	-	1.1	A	40°C	Yes
14976682	CFW500 A 04P3 T4 DB66H00G2	-	4.3	-	1.5	A	40°C	Yes
14976812	CFW500 A 06P5 T4 DB66H00G2	-	6.5	-	2.2	A	40°C	Yes
14977259	CFW500 A 10P0 T4 DB66H00G2	-	10	-	4	A	40°C	Yes
14977390	CFW500 B 14P0 T4 DB66H00G2	-	14	-	5.5	B	40°C	Yes
14977551	CFW500 B 16P0 T4 DB66H00G2	-	16	-	7.5	B	40°C	Yes
14977628	CFW500 B 24P0 T4 DB66H00G2	-	24	-	11	B	40°C	Yes
14978545	CFW500 B 31P0 T4 DB66H00G2	-	31	-	15	B	40°C	Yes
16906015	CFW500 C 39P0 T4 DB66H00G2	45	39	22	18.5	C	40°C	Yes
16906226	CFW500 C 49P0 T4 DB66H00G2	59.2	49	30	22	C	40°C	Yes

CFW500 IP66 - RFI Filter (without plug-in module) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
230V - 1AC								
14990860	CFW500 A 01P6 S2 DB66C3H00G2	-	1.6	-	0.25	A	40°C	Yes
14990986	CFW500 A 02P6 S2 DB66C3H00G2	-	2.6	-	0.55	A	40°C	Yes
14991704	CFW500 A 04P3 S2 DB66C3H00G2	-	4.3	-	1.1	A	40°C	Yes
14937892	CFW500 A 07P3 S2 DB66C3H00G2	-	7.3	-	1.5	A	40°C	Yes
14938044	CFW500 A 10P0 S2 DB66C3H00G2	-	10	-	2.2	A	40°C	Yes
380V - 3AC								
14991945	CFW500 A 01P0 T4 DB66C3H00G2	-	1	-	0.25	A	40°C	Yes
14992115	CFW500 A 01P6 T4 DB66C3H00G2	-	1.6	-	0.37	A	40°C	Yes
14975891	CFW500 A 02P6 T4 DB66C3H00G2	-	2.6	-	1.1	A	40°C	Yes
14976684	CFW500 A 04P3 T4 DB66C3H00G2	-	4.3	-	1.5	A	40°C	Yes
14976997	CFW500 A 06P5 T4 DB66C3H00G2	-	6.5	-	2.2	A	40°C	Yes
14977263	CFW500 A 10P0 T4 DB66C3H00G2	-	10	-	4	A	40°C	Yes
14977393	CFW500 B 14P0 T4 DB66C3H00G2	-	14	-	5.5	B	40°C	Yes
14977553	CFW500 B 16P0 T4 DB66C3H00G2	-	16	-	7.5	B	40°C	Yes
14977630	CFW500 B 24P0 T4 DB66C3H00G2	-	24	-	11	B	40°C	Yes
14978553	CFW500 B 31P0 T4 DB66C3H00G2	-	31	-	15	B	40°C	Yes
16906218	CFW500 C 39P0 T4 DB66C3H00G2	45	39	22	18.5	C	40°C	Yes
16906328	CFW500 C 49P0 T4 DB66C3H00G2	59.2	49	30	22	C	40°C	Yes

Overload Capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

Variable Speed Drives

CFW500 IP66 - Standard (with IOS plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
230V - 1 or 3AC								
14989840	CFW500 A 01P6 B2 DB66G2	-	1.6	-	0.25	A	40°C	Yes
14990985	CFW500 A 02P6 B2 DB66G2	-	2.6	-	0.55	A	40°C	Yes
14991517	CFW500 A 04P3 B2 DB66G2	-	4.3	-	1.1	A	40°C	Yes
14937890	CFW500 A 07P3 B2 DB66G2	-	7.3	-	1.5	A	40°C	Yes
14938041	CFW500 A 10P0 B2 DB66G2	-	10	-	2.2	A	40°C	Yes
380V - 3AC								
14991899	CFW500 A 01P0 T4 DB66G2	-	1	-	0.25	A	40°C	Yes
14992113	CFW500 A 01P6 T4 DB66G2	-	1.6	-	0.37	A	40°C	Yes
14975888	CFW500 A 02P6 T4 DB66G2	-	2.6	-	1.1	A	40°C	Yes
14976683	CFW500 A 04P3 T4 DB66G2	-	4.3	-	1.5	A	40°C	Yes
14976814	CFW500 A 06P5 T4 DB66G2	-	6.5	-	2.2	A	40°C	Yes
14977261	CFW500 A 10P0 T4 DB66G2	-	10	-	4	A	40°C	Yes
14977391	CFW500 B 14P0 T4 DB66G2	-	14	-	5.5	B	40°C	Yes
14977552	CFW500 B 16P0 T4 DB66G2	-	16	-	7.5	B	40°C	Yes
14977629	CFW500 B 24P0 T4 DB66G2	-	24	-	11	B	40°C	Yes
14978548	CFW500 B 31P0 T4 DB66G2	-	31	-	15	B	40°C	Yes
16906016	CFW500 C 39P0 T4 DB66G2	45	39	22	18.5	C	40°C	Yes
16906227	CFW500 C 49P0 T4 DB66G2	59.2	49	30	22	C	40°C	Yes

CFW500 IP66 - RFI Filter (with IOS plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
230V - 1AC								
14990861	CFW500 A 01P6 S2 DB66C3G2	-	1.6	-	0.25	A	40°C	Yes
14991099	CFW500 A 02P6 S2 DB66C3G2	-	2.6	-	0.55	A	40°C	Yes
14991750	CFW500 A 04P3 S2 DB66C3G2	-	4.3	-	1.1	A	40°C	Yes
14937894	CFW500 A 07P3 S2 DB66C3G2	-	7.3	-	1.5	A	40°C	Yes
14938045	CFW500 A 10P0 S2 DB66C3G2	-	10	-	2.2	A	40°C	Yes
380V - 3AC								
14991949	CFW500 A 01P0 T4 DB66C3G2	-	1	-	0.25	A	40°C	Yes
14992144	CFW500 A 01P6 T4 DB66C3G2	-	1.6	-	0.37	A	40°C	Yes
14976514	CFW500 A 02P6 T4 DB66C3G2	-	2.6	-	1.1	A	40°C	Yes
14976685	CFW500 A 04P3 T4 DB66C3G2	-	4.3	-	1.5	A	40°C	Yes
14977059	CFW500 A 06P5 T4 DB66C3G2	-	6.5	-	2.2	A	40°C	Yes
14977264	CFW500 A 10P0 T4 DB66C3G2	-	10	-	4	A	40°C	Yes
14977395	CFW500 B 14P0 T4 DB66C3G2	-	14	-	5.5	B	40°C	Yes
14977554	CFW500 B 16P0 T4 DB66C3G2	-	16	-	7.5	B	40°C	Yes
14978358	CFW500 B 24P0 T4 DB66C3G2	-	24	-	11	B	40°C	Yes
14978556	CFW500 B 31P0 T4 DB66C3G2	-	31	-	15	B	40°C	Yes
16906219	CFW500 C 39P0 T4 DB66C3G2	45	39	22	18.5	C	40°C	Yes
16906330	CFW500 C 49P0 T4 DB66C3G2	59.2	49	30	22	C	40°C	Yes

Overload Capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

Variable Speed Drives

CFW500 IP66 DS - Standard (without plug-in module) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
230V - 1 or 3AC								
14990862	CFW500 A 01P6 B2 DB66DSH00G2	-	1.6	-	0.25	A	40°C	Yes
14991101	CFW500 A 02P6 B2 DB66DSH00G2	-	2.6	-	0.55	A	40°C	Yes
14991751	CFW500 A 04P3 B2 DB66DSH00G2	-	4.3	-	1.1	A	40°C	Yes
14938001	CFW500 A 07P3 B2 DB66DSH00G2	-	7.3	-	1.5	A	40°C	Yes
14938046	CFW500 A 10P0 B2 DB66DSH00G2	-	10	-	2.2	A	40°C	Yes
380V - 3AC								
14991951	CFW500 A 01P0 T4 DB66DSH00G2	-	1	-	0.25	A	40°C	Yes
14992146	CFW500 A 01P6 T4 DB66DSH00G2	-	1.6	-	0.37	A	40°C	Yes
14976516	CFW500 A 02P6 T4 DB66DSH00G2	-	2.6	-	1.1	A	40°C	Yes
14976687	CFW500 A 04P3 T4 DB66DSH00G2	-	4.3	-	1.5	A	40°C	Yes
14977119	CFW500 A 06P5 T4 DB66DSH00G2	-	6.5	-	2.2	A	40°C	Yes
14977265	CFW500 A 10P0 T4 DB66DSH00G2	-	10	-	4	A	40°C	Yes
14977396	CFW500 B 14P0 T4 DB66DSH00G2	-	14	-	5.5	B	40°C	Yes
14977555	CFW500 B 16P0 T4 DB66DSH00G2	-	16	-	7.5	B	40°C	Yes
14978362	CFW500 B 24P0 T4 DB66DSH00G2	-	24	-	11	B	40°C	Yes
14978570	CFW500 B 31P0 T4 DB66DSH00G2	-	31	-	15	B	40°C	Yes
16906220	CFW500 C 39P0 T4 DB66DSH00G2	45	39	22	18.5	C	40°C	Yes
16906331	CFW500 C 49P0 T4 DB66DSH00G2	59.2	49	30	22	C	40°C	Yes

CFW500 IP66 DS - RFI Filter (without plug-in module) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
230V - 1AC								
14990864	CFW500 A 01P6 S2 DB66C3DSH00G2	-	1.6	-	0.25	A	40°C	Yes
14991105	CFW500 A 02P6 S2 DB66C3DSH00G2	-	2.6	-	0.55	A	40°C	Yes
14991756	CFW500 A 04P3 S2 DB66C3DSH00G2	-	4.3	-	1.1	A	40°C	Yes
14938006	CFW500 A 07P3 S2 DB66C3DSH00G2	-	7.3	-	1.5	A	40°C	Yes
14938108	CFW500 A 10P0 S2 DB66C3DSH00G2	-	10	-	2.2	A	40°C	Yes
380V - 3AC								
14992031	CFW500 A 01P0 T4 DB66C3DSH00G2	-	1	-	0.25	A	40°C	Yes
14992767	CFW500 A 01P6 T4 DB66C3DSH00G2	-	1.6	-	0.37	A	40°C	Yes
14976680	CFW500 A 02P6 T4 DB66C3DSH00G2	-	2.6	-	1.1	A	40°C	Yes
14976810	CFW500 A 04P3 T4 DB66C3DSH00G2	-	4.3	-	1.5	A	40°C	Yes
14977066	CFW500 A 06P5 T4 DB66C3DSH00G2	-	6.5	-	2.2	A	40°C	Yes
14977388	CFW500 A 10P0 T4 DB66C3DSH00G2	-	10	-	4	A	40°C	Yes
14977549	CFW500 B 14P0 T4 DB66C3DSH00G2	-	14	-	5.5	B	40°C	Yes
14977557	CFW500 B 16P0 T4 DB66C3DSH00G2	-	16	-	7.5	B	40°C	Yes
14978387	CFW500 B 24P0 T4 DB66C3DSH00G2	-	24	-	11	B	40°C	Yes
14978576	CFW500 B 31P0 T4 DB66C3DSH00G2	-	31	-	15	B	40°C	Yes
16906223	CFW500 C 39P0 T4 DB66C3DSH00G2	45	39	22	18.5	C	40°C	Yes
16906333	CFW500 C 49P0 T4 DB66C3DSH00G2	59.2	49	30	22	C	40°C	Yes

Overload Capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

Variable Speed Drives

CFW500 IP66 DS - Standard (with IOS plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
230V - 1 or 3AC								
14990863	CFW500 A 01P6 B2 DB66DSG2	-	1.6	-	0.25	A	40°C	Yes
14991103	CFW500 A 02P6 B2 DB66DSG2	-	2.6	-	0.55	A	40°C	Yes
14991753	CFW500 A 04P3 B2 DB66DSG2	-	4.3	-	1.1	A	40°C	Yes
14938005	CFW500 A 07P3 B2 DB66DSG2	-	7.3	-	1.5	A	40°C	Yes
14938047	CFW500 A 10P0 B2 DB66DSG2	-	10	-	2.2	A	40°C	Yes
380V - 3AC								
14991953	CFW500 A 01P0 T4 DB66DSG2	-	1	-	0.25	A	40°C	Yes
14992148	CFW500 A 01P6 T4 DB66DSG2	-	1.6	-	0.37	A	40°C	Yes
14976517	CFW500 A 02P6 T4 DB66DSG2	-	2.6	-	1.1	A	40°C	Yes
14976809	CFW500 A 04P3 T4 DB66DSG2	-	4.3	-	1.5	A	40°C	Yes
14977065	CFW500 A 06P5 T4 DB66DSG2	-	6.5	-	2.2	A	40°C	Yes
14977266	CFW500 A 10P0 T4 DB66DSG2	-	10	-	4	A	40°C	Yes
14977397	CFW500 B 14P0 T4 DB66DSG2	-	14	-	5.5	B	40°C	Yes
14977556	CFW500 B 16P0 T4 DB66DSG2	-	16	-	7.5	B	40°C	Yes
14978365	CFW500 B 24P0 T4 DB66DSG2	-	24	-	11	B	40°C	Yes
14978573	CFW500 B 31P0 T4 DB66DSG2	-	31	-	15	B	40°C	Yes
16906222	CFW500 C 39P0 T4 DB66DSG2	45	39	22	18.5	C	40°C	Yes
16906332	CFW500 C 49P0 T4 DB66DSG2	59.2	49	30	22	C	40°C	Yes

CFW500 IP66 DS - RFI Filter (with IOS plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
230V - 1AC								
14990866	CFW500 A 01P6 S2 DB66C3DSG2	-	1.6	-	0.25	A	40°C	Yes
14991107	CFW500 A 02P6 S2 DB66C3DSG2	-	2.6	-	0.55	A	40°C	Yes
14991757	CFW500 A 04P3 S2 DB66C3DSG2	-	4.3	-	1.1	A	40°C	Yes
14938039	CFW500 A 07P3 S2 DB66C3DSG2	-	7.3	-	1.5	A	40°C	Yes
14938109	CFW500 A 10P0 S2 DB66C3DSG2	-	10	-	2.2	A	40°C	Yes
380V - 3AC								
14992055	CFW500 A 01P0 T4 DB66C3DSG2	-	1	-	0.25	A	40°C	Yes
14993030	CFW500 A 01P6 T4 DB66C3DSG2	-	1.6	-	0.37	A	40°C	Yes
14976681	CFW500 A 02P6 T4 DB66C3DSG2	-	2.6	-	1.1	A	40°C	Yes
14976811	CFW500 A 04P3 T4 DB66C3DSG2	-	4.3	-	1.5	A	40°C	Yes
14977067	CFW500 A 06P5 T4 DB66C3DSG2	-	6.5	-	2.2	A	40°C	Yes
14977389	CFW500 A 10P0 T4 DB66C3DSG2	-	10	-	4	A	40°C	Yes
14977550	CFW500 B 14P0 T4 DB66C3DSG2	-	14	-	5.5	B	40°C	Yes
14977578	CFW500 B 16P0 T4 DB66C3DSG2	-	16	-	7.5	B	40°C	Yes
14978440	CFW500 B 24P0 T4 DB66C3DSG2	-	24	-	11	B	40°C	Yes
14978618	CFW500 B 31P0 T4 DB66C3DSG2	-	31	-	15	B	40°C	Yes
16906224	CFW500 C 39P0 T4 DB66C3DSG2	45	39	22	18.5	C	40°C	Yes
16906335	CFW500 C 49P0 T4 DB66C3DSG2	59.2	49	30	22	C	40°C	Yes

Overload Capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

Variable Speed Drives

CFW500 IP66 - Standard (without plug-in module) - 500~600V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
525V - 3AC								
14978623	CFW500 B 01P7 T5 DB66H00	-	1.7	-	0.75	B	40°C	Yes
14978710	CFW500 B 03P0 T5 DB66H00	-	3	-	1.5	B	40°C	Yes
14978916	CFW500 B 04P3 T5 DB66H00	-	4.3	-	2.2	B	40°C	Yes
14979080	CFW500 B 07P0 T5 DB66H00	-	7	-	4	B	40°C	Yes
14979217	CFW500 B 10P0 T5 DB66H00	-	10	-	5.5	B	40°C	Yes
14979330	CFW500 B 12P0 T5 DB66H00	-	12	-	7.5	B	40°C	Yes

CFW500 IP66 - Standard (with IOS plug-in module built-in) - 500~600V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
525V - 3AC								
14978625	CFW500 B 01P7 T5 DB66	-	1.7	-	0.75	B	40°C	Yes
14978713	CFW500 B 03P0 T5 DB66	-	3	-	1.5	B	40°C	Yes
14978917	CFW500 B 04P3 T5 DB66	-	4.3	-	2.2	B	40°C	Yes
14979081	CFW500 B 07P0 T5 DB66	-	7	-	4	B	40°C	Yes
14979250	CFW500 B 10P0 T5 DB66	-	10	-	5.5	B	40°C	Yes
14979331	CFW500 B 12P0 T5 DB66	-	12	-	7.5	B	40°C	Yes

CFW500 IP66 DS - Standard (without plug-in module) - 500~600V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
525V - 3AC								
14978659	CFW500 B 01P7 T5 DB66DSH00	-	1.7	-	0.75	B	40°C	Yes
14978913	CFW500 B 03P0 T5 DB66DSH00	-	3	-	1.5	B	40°C	Yes
14979078	CFW500 B 04P3 T5 DB66DSH00	-	4.3	-	2.2	B	40°C	Yes
14979082	CFW500 B 07P0 T5 DB66DSH00	-	7	-	4	B	40°C	Yes
14979252	CFW500 B 10P0 T5 DB66DSH00	-	10	-	5.5	B	40°C	Yes
14979333	CFW500 B 12P0 T5 DB66DSH00	-	12	-	7.5	B	40°C	Yes

CFW500 IP66 DS - Standard (with IOS plug-in module built-in) - 500~600V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
525V - 3AC								
14978664	CFW500 B 01P7 T5 DB66DS	-	1.7	-	0.75	B	40°C	Yes
14978915	CFW500 B 03P0 T5 DB66DS	-	3	-	1.5	B	40°C	Yes
14979079	CFW500 B 04P3 T5 DB66DS	-	4.3	-	2.2	B	40°C	Yes
14979177	CFW500 B 07P0 T5 DB66DS	-	7	-	4	B	40°C	Yes
14979256	CFW500 B 10P0 T5 DB66DS	-	10	-	5.5	B	40°C	Yes
14979335	CFW500 B 12P0 T5 DB66DS	-	12	-	7.5	B	40°C	Yes

Overload Capacity: ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW500 - Accessories

Part Number	Product	Description
14741859	CFW500-IOS	IOS standard I/O expansion module
13989716	CFW500-IOS-PNP	IOS PNP I/O expansion module
14742006	CFW500-IOD	IOD expansion module
14742129	CFW500-IOAD	IOAD expansion module
14968050	CFW500-IOR-B	IOR expansion module
17407175	CFW500-IOR-B-PNP	IOR PNP expansion module
14742001	CFW500-CUSB	USB communication module + Cable
14741999	CFW500-CCAN	CAN interface module (CANopen/DeviceNet)
14742005	CFW500-CRS232	RS-232 serial communication module (Modbus-RTU)
15353140	CFW500-CRS485-B	RS-485 serial communication module (Modbus-RTU)
14742131	CFW500-CPDP	Profibus DP & DP-V1 interface module (DB9 connector)
12443605	CFW500-CPDP2 ⁽¹⁾	Profibus DP & DP-V1 interface module (terminal block connector)
12892815	CFW500-CEMB-TCP	Modbus TCP communication module
12892816	CFW500-CEPN-IO	Profinet/IO communication module
12892814	CFW500-CETH-IP	Ethernet/IP communication module
12619000	CFW500-ENC	Encoder module
15560296	CFW500-SFY2	Safety Functions Module - STO and SS1-t (for CFW500 G2 version)
11636485	CFW500-MMF	Flash memory module
11833992	CFW500-HMIR	Remote keypad
15578295	HMI-01	Alphanumeric remote HMI for CFW500 G2 (for CFW500 G2 version)
15578297	CFW500-RHMIF	Frame for Alphanumeric HMI (IP56)
12330016	CFW500-CCHMIR01M	1m (3.3ft) cable for remote Standard or Alphanumeric HMI (Keypad)
12330459	CFW500-CCHMIR02M	2m (6.6ft) cable for remote Standard or Alphanumeric HMI (Keypad)
12330460	CFW500-CCHMIR03M	3m (10ft) cable for remote Standard or Alphanumeric HMI (Keypad)
12330461	CFW500-CCHMIR05M	5m (16ft) cable for remote Standard or Alphanumeric HMI (Keypad)
12330462	CFW500-CCHMIR75M	7.5m (25ft) cable for remote Standard or Alphanumeric HMI (Keypad)
12330463	CFW500-CCHMIR10M	10m (33ft) cable for remote Standard or Alphanumeric HMI (Keypad)
11527460	CFW500-KN1A	NEMA 1 kit – frame size A (standard for N1)
11527459	CFW500-KN1B	NEMA 1 kit – frame size B (standard for N1)
12133824	CFW500-KN1C	NEMA 1 kit – frame size C (standard for N1)
12692970	CFW500-KN1D	NEMA 1 kit – frame size D (standard for N1)
13104601	CFW500-KN1E	NEMA 1 kit – frame size E (standard for N1)
14601107	CFW500-KN1F	NEMA 1 kit – frame size F (standard for N1)
15461789	CFW500-KN1G	NEMA 1 kit – frame size G (standard for N1)
11951056	CFW500-KPCSA	Power cables shielding kit – frame size A (standard for RFI Filter VSDs)
11951108	CFW500-KPCSB	Power cables shielding kit – frame size B (standard for RFI Filter VSDs)
12133826	CFW500-KPCSC	Power cables shielding kit – frame size C (standard for RFI Filter VSDs)
12692971	CFW500-KPCSD	Power cables shielding kit – frame size D (standard for RFI Filter VSDs)
13055389	CFW500-KPCSE	Power cables shielding kit – frame size E (standard for RFI Filter VSDs)
14601158	CFW500-KPCSF	Power cables shielding kit – frame size F (standard for RFI Filter VSDs)
15461788	CFW500-KPCSG	Power cables shielding kit – frame size G (standard for RFI Filter VSDs)
15614039	CFW500-KAPGM	PG21 to M25 Adapter (for CFW500 IP66)
Solar Drive Accessories ⁽³⁾		
14987105	CFW500-KDS	Voltage divider kit for connection of the solar radiation detector panel ⁽²⁾

(1) Recommended Profibus DP & DP-V1 interface module for IP66 / NEMA Type 4X models

(2) The irradiation solar panel detector is not a part of the kit. Please, consult the CFW500-KDS manual for more information

(3) Frames F and G are also available to be used as a Solar Drive. In such case, please consult you market coordinator

The CFW11 series is the product applicable on more demanding applications, where high performance needs to be accomplished. Among the big variety of applications the CFW11 can meet, the ones below can be highlighted: Winders, Rewinders, Pumping System, Master-Slave in Position and Speed.



- Certifications:



Technical data:

- Single and three-phase power supply.
- Voltage range: 200-240Vac for single-phase models.
200-240Vac, 380-480Vac or 500-690Vac for three-phase models.
- Current / Power range: up to 1141Amps / 650kW (800HP)
- Control mode: scalar (V/Hz), open loop vector sensorless and closed loop with encoder.
- Switching frequency: 2, 2.5, 5 or 10kHz
- Overload capacity: Normal Duty (ND) = 110% for 60sec every 10min
Heavy Duty (HD) = 150% for 60sec every 10min
- Degree of protection: IP20 and IP55
- Operating temperature: -10 to 50°C (14 to 122°F) for frame sizes A,B,C and D.
-10 to 45°C (14 to 113°F) for frame Size E, F and G models
-10 to 40°C (14 to 104°F) for frame Size G (720A) and H models
possible to operate on higher temperatures with current derating (Check the user's manual)
- Altitude: 0 to 1000m
up to 4000m with current derating (1% for every 100m above 1000m)
- Humidity: 5 to 95% non-condensing.
- Integrated brake chopper up to frame size D. Built-in option for frame size E.
- DC link inductors (excepting on frame size "H")
- Built-in PID controller.
- Flash memory
- Local graphic keypad with backlight and real-time clock supplied as standard.
- USB Connection;
- Soft-PLC

- I/O connections:

	Std	IOA-01	IOB-01	IOC-01***	IOC-02***	IOC-03***	PLC11-01	PLC11-02
Digital inputs	6	2	2	8	8	8	9	4
Digital outputs	-	2	2	-	8	7	3	3
Relay outputs	3	-	-	4	-	-	3	1
Analog inputs	2	1	2 *	-	-	-	1	-
Analog outputs	2	2	2 **	-	-	-	2	-

(*) Isolated inputs.

(**) Are the same 2 standard CFW11 inputs, but the IOB-01 transforms the 2 non-isolated AOs into isolated AOs.

(***) IOs configured/enabled exclusively through the SoftPLC.

- Fieldbus:

RS232 WEGbus	RS485 WEGbus	Modbus RTU	Modbus TCP	Profibus DPV1		Profinet	CANopen	DeviceNet	EtherNet/IP	Profinet S2	EtherCAT	BACnet
NA	NA	RS485-01 or RS485-05 CAN/RS485-01 RS232-01 or RS232-05	MODBUSTCP-05 MODBUSTCP-2P-05	PROFDP-05	PROFIBUS DP-01	PROFINETIO-05	CAN/RS485-01 CAN-01	DEVICENET-05 CAN/RS485-01 CAN-01	ETHERNET/IP-05 ETHERNETIP-2P-05	PROFINET-S2/M40-05	ETHERCAT-01	RS485-01 CAN/RS485-01 (special firmware)

Accessories:

- IP21 / NEMA1 kits.
- I/O Expansion Modules
- Temperature Transducers Modules (for PTC, PT100 and KTY)
- Encoder Modules
- Communication Modules
- Remote keypad kit

Built-in Optionals:

- External +24Vdc power supply for control board
- RFI filter - Cat. C3
- Safe Torque Off (STO) function in accordance with EN ISO 13849-1 (Cat. 3 / PL d) and IEC 62061 / IEC 61508 (SIL 2)

Special versions:

- Common / DC Bus Version (without input rectifier bridge)
- IP55 enclosure

Special Functions:

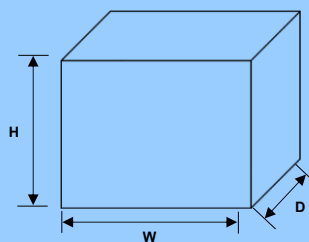
- Lifting/hoisting
- Surface winder
- Multipump

Industrial and System Variable Speed Drive

Product and Series	Model Identification			Product version	Degree of Protection	Keypad	Braking	Conducted Emission Level	Safety	External power supply for control	Special hardware version	Special firmware version	End of Code
	Rated current	No. of phases power supply	Rated voltage										
CFW11	0003	T	4	S	-	-	-	-	-	-	-	-	Z
CFW11	0003 = 3.6 ... 1141 = 1141	S = single-phase B = single/three-phase T = three-phase 2 = 200...240V 4 = 380...480V 5 = 500...600V 6 = 500...690V S = Standard O = with additional option Blank = Standard 21 = IP21 (only frame size D) N1 = Nema1 Enclosure (only frame sizes A, B, D and E) 55 = IP55 Blank = Standard IC = No keypad (blind cover) Blank = Standard (for 200~240V and 380~480V) DB = With braking chopper (for 200~240V and 380~480V) NB = Without braking chopper (for 500~600V and 500~690V) Blank = Standard without RFI filter (Frames A-D for 200~240V and 380~480V) FA = With RFI filter (Frames A-D for 200~240V and 380~480V) Blank = With RFI filter (Frames E-H for 200~240V and 380~480V) Blank = With RFI filter (All frames for 500~600V and 500~690V) NF = Without RFI filter (All frames for 500~600V and 500~690V) Blank = without STO function Y = with STO function Blank = without External Power supply board W = Control circuit is supplied through an external 24V power supply Blank = Standard DS = With built-in switch disconnecter (IP55 models only) H1 = Special hardware DC = Common / DC Bus Version (without input rectifier bridge) Blank = Standard S1 = Special firmware Z											

- Dimensions and weight (without packaging):

IP20				
Frame size	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
A	270	145	227	6.3
B	316	190	227	10.4
C	405	220	293	20.5
D	550	300	305	32.6
E	675	335	358	65
F	1234	430	360	168
G	1264	535	426	258
H	1414	686	421	281
NEMA12 / IP55				
B	529	273	279	17
C	670	307	348	30
D	754	375	301	49
E	1000	430	389	96



Variable Speed Drives

CFW11 - Standard - 200~240V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
230V - 1 or 3AC								
10574745	SA CFW11 0006 B2 SZ	6	5	1.5	1.1	A	50°C	Yes
10574746	SA CFW11 0007 B2 SZ	7	7	1.5	1.5	A	50°C	Yes
230V - 1AC								
10574747	SA CFW11 0010 S2 SZ	10	10	2.2	2.2	A	50°C	Yes
230V - 3AC								
10574748	SA CFW11 0007 T2 SZ	7	5.5	1.5	1.1	A	50°C	Yes
10574749	SA CFW11 0010 T2 SZ	10	8	2.2	1.5	A	50°C	Yes
10574750	SA CFW11 0013 T2 SZ	13	11	3	3	A	50°C	Yes
10574751	SA CFW11 0016 T2 SZ	16	13	4	3	A	50°C	Yes
10574752	SA CFW11 0024 T2 SZ	24	20	5.5	5.5	B	50°C	Yes
10574753	SA CFW11 0028 T2 SZ	28	24	7.5	5.5	B	50°C	Yes
10574754	SA CFW11 0033 T2 SZ	33.5	28	9.2	7.5	B	50°C	Yes
10574755	SA CFW11 0045 T2 SZ	45	36	11	9.2	C	50°C	Yes
10574756	SA CFW11 0054 T2 SZ	54	45	15	11	C	50°C	Yes
10574757	SA CFW11 0070 T2 SZ	70	56	18.5	15	C	50°C	Yes
10574758	SA CFW11 0086 T2 SZ	86	70	22	18.5	D	50°C	Yes
10574759	SA CFW11 0105 T2 SZ	105	86	30	22	D	50°C	Yes
11128987	SA CFW11 0142 T2 SZ	142	115	37	30	E	45°C	No
11129009	SA CFW11 0180 T2 SZ	180	142	55	37	E	45°C	No
11129010	SA CFW11 0211 T2 SZ	211	180	55	55	E	45°C	No

CFW11 - with STO - 200~240V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
230V - 1 or 3AC								
12104834	SA CFW11 0006B2OYZ	6	5	1.5	1.1	A	50°C	Yes
12104835	SA CFW11 0007B2OYZ	7	7	1.5	1.5	A	50°C	Yes
230V - 1AC								
12104836	SA CFW11 0010 S2 OYZ	10	10	2.2	2.2	A	50°C	No
230V - 3AC								
11874392	SA CFW11 0007 T2 OYZ	7	7	1.5	1.5	A	50°C	Yes
11874393	SA CFW11 0010 T2 OYZ	10	10	2.2	2.2	A	50°C	Yes
11874394	SA CFW11 0013 T2 OYZ	13	11	3	3	A	50°C	Yes
11874397	SA CFW11 0016 T2 OYZ	16	13	4	3	A	50°C	Yes
11874481	SA CFW11 0024 T2 OYZ	24	20	5.5	5.5	B	50°C	Yes
11874482	SA CFW11 0028 T2 OYZ	28	24	7.5	5.5	B	50°C	Yes
11874483	SA CFW11 0033 T2 OYZ	33.5	28	9.2	7.5	B	50°C	Yes
11874499	SA CFW11 0045 T2 OYZ	45	36	11	9.2	C	50°C	Yes
11874500	SA CFW11 0054 T2 OYZ	54	45	15	11	C	50°C	Yes
11874502	SA CFW11 0070 T2 OYZ	70	56	18.5	15	C	50°C	Yes
11874507	SA CFW11 0086 T2 OYZ	86	70	22	18.5	D	50°C	Yes
11874548	SA CFW11 0105 T2 OYZ	105	86	30	22	D	50°C	Yes
11874551	SA CFW11 0142 T2 OYZ	142	115	37	30	E	45°C	No
11874553	SA CFW11 0180 T2 OYZ	180	142	55	37	E	45°C	No
11874554	SA CFW11 0211 T2 OYZ	211	180	55	55	E	45°C	No

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW11 - RFI filter - 200~240V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
230V - 1AC								
12403465	SA CFW11 0006 S2 OFAZ	6	5	1.5	1.1	A	50°C	Yes
12403466	SA CFW11 0007 S2 OFAZ	7	7	1.5	1.5	A	50°C	Yes
12403467	SA CFW11 0010 S2 OFAZ	10	10	2.2	2.2	A	50°C	Yes
230V - 3AC								
10574777	EU CFW11 0007 T2 OFAZ	7	5.5	1.5	1.1	A	50°C	Yes
10574778	EU CFW11 0010 T2 OFAZ	10	8	2.2	1.5	A	50°C	Yes
10574779	EU CFW11 0013 T2 OFAZ	13	11	3	3	A	50°C	Yes
10574780	EU CFW11 0016 T2 OFAZ	16	13	4	3	A	50°C	Yes
10574781	EU CFW11 0024 T2 OFAZ	24	20	5.5	5.5	B	50°C	Yes
10574782	EU CFW11 0028 T2 OFAZ	28	24	7.5	5.5	B	50°C	Yes
10574783	EU CFW11 0033 T2 OFAZ	33.5	28	9.2	7.5	B	50°C	Yes
10574784	EU CFW11 0045 T2 OFAZ	45	36	11	9.2	C	50°C	Yes
10574785	EU CFW11 0054 T2 OFAZ	54	45	15	11	C	50°C	Yes
10574786	EU CFW11 0070 T2 OFAZ	70	56	18.5	15	C	50°C	Yes
10574787	EU CFW11 0086 T2 OFAZ	86	70	22	18.5	D	50°C	Yes
10574788	EU CFW11 0105 T2 OFAZ	105	86	30	22	D	50°C	Yes
11129033	EU CFW11 0142 T2 SZ	142	115	37	30	E	45°C	No
11129034	EU CFW11 0180 T2 SZ	180	142	55	37	E	45°C	No
11129035	EU CFW11 0211 T2 SZ	211	180	55	55	E	45°C	No

CFW11 - RFI filter & STO - 200~240V

230V - 1AC								
11380859	EU CFW11 0006 S2 OFAYZ	6	5	1.5	1.1	A	50°C	Yes
11872796	EU CFW11 0007 S2 OFAYZ	7	7	1.5	1.5	A	50°C	Yes
11872797	EU CFW11 0010 S2 OFAYZ	10	10	2.2	2.2	A	50°C	Yes
230V - 3AC								
11872808	EU CFW11 0007 T2 OFAYZ	7	5.5	1.5	1.1	A	50°C	Yes
11872809	EU CFW11 0010 T2 OFAYZ	10	8	2.2	1.5	A	50°C	Yes
11872810	EU CFW11 0013 T2 OFAYZ	13	11	3	3	A	50°C	Yes
11872811	EU CFW11 0016 T2 OFAYZ	16	13	4	3	A	50°C	Yes
11872872	EU CFW11 0024 T2 OFAYZ	24	20	5.5	5.5	B	50°C	Yes
11872875	EU CFW11 0028 T2 OFAYZ	28	24	7.5	5.5	B	50°C	Yes
11872908	EU CFW11 0033 T2 OFAYZ	33.5	28	9.2	7.5	B	50°C	Yes
11872976	EU CFW11 0045 T2 OFAYZ	45	36	11	9.2	C	50°C	Yes
11873030	EU CFW11 0054 T2 OFAYZ	54	45	15	11	C	50°C	Yes
11873031	EU CFW11 0070 T2 OFAYZ	70	56	18.5	15	C	50°C	Yes
11873032	EU CFW11 0086 T2 OFAYZ	86	70	22	18.5	D	50°C	Yes
11873036	EU CFW11 0105 T2 OFAYZ	105	86	30	22	D	50°C	Yes
11873092	EU CFW11 0142 T2 OYZ	142	115	37	30	E	45°C	No
11873094	EU CFW11 0180 T2 OYZ	180	142	55	37	E	45°C	No
11873096	EU CFW11 0211 T2 OYZ	211	180	55	55	E	45°C	No

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW11 - with STO - 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
380V - 3AC								
11874451	SA CFW11 0003 T4 OYZ	3.6	3.6	1.5	1.5	A	50°C	Yes
11874453	SA CFW11 0005 T4 OYZ	5	5	2.2	2.2	A	50°C	Yes
11874454	SA CFW11 0007 T4 OYZ	7	5.5	3	2.2	A	50°C	Yes
11874456	SA CFW11 0010 T4 OYZ	10	10	4	4	A	50°C	Yes
11874478	SA CFW11 0013 T4 OYZ	13.5	11	5.5	4	A	50°C	Yes
11874484	SA CFW11 0017 T4 OYZ	17	13.5	7.5	5.5	B	50°C	Yes
11874485	SA CFW11 0024 T4 OYZ	24	19	11	9.2	B	50°C	Yes
11874486	SA CFW11 0031 T4 OYZ	31	25	15	11	B	50°C	Yes
11874504	SA CFW11 0038 T4 OYZ	38	33	18.5	15	C	50°C	Yes
11874505	SA CFW11 0045 T4 OYZ	45	38	22	18.5	C	50°C	Yes
11874506	SA CFW11 0058 T4 OYZ	58.5	47	30	22	C	50°C	Yes
11874549	SA CFW11 0070 T4 OYZ	70.5	61	30	30	D	50°C	Yes
11874550	SA CFW11 0088 T4 OYZ	88	73	45	37	D	50°C	Yes
11874556	SA CFW11 0105 T4 OYZ	105	88	55	45	E	45°C	No
11874608	SA CFW11 0142 T4 OYZ	142	115	75	55	E	45°C	No
11874610	SA CFW11 0180 T4 OYZ	180	142	90	75	E	45°C	No
11756246	SA CFW11 0211 T4 OYZ	211	180	110	90	E	45°C	No
11874612	SA CFW11 0242 T4 OYZ	242	211	132	110	F	45°C	No
11874613	SA CFW11 0312 T4 OYZ	312	242	150	132	F	45°C	No
11874614	SA CFW11 0370 T4 OYZ	370	312	185	150	F	45°C	No
11874616	SA CFW11 0477 T4 OYZ	477	370	260	185	F	45°C	No
11874628	SA CFW11 0515 T4 OYZ	515	477	260	260	G	45°C	No
11874629	SA CFW11 0601 T4 OYZ	601	515	300	260	G	45°C	No
11874630	SA CFW11 0720 T4 OYZ	720	560	330	300	G	40°C	No
13651528	SA CFW11 0760 T4 OYZ	760	600	400	300	G	40°C	No
13107468	SA CFW11 0795 T4 OYZ	795	637	400	330	H	40°C	No
13107470	SA CFW11 0877 T4 OYZ	877	715	450	330	H	40°C	No
13107471	SA CFW11 1062 T4 OYZ	1062	855	560	450	H	40°C	No
13107472	SA CFW11 1141 T4 OYZ	1141	943	560	500	H	40°C	No

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

(3) Frame size "H" does not have built-in DC-link Inductor. Input reactor MUST be used.

CFW11 - Frame Size "H" Input Reactor - 380~480V

Part Number	Rated L1@I1	Overload L2@I2	Thermal Current Ith	Rated VSD	
				ND	HD
380~480V - 3AC - 1.1kV Class					
13952194	72 uH @ 366,0 A	36 uH @ 549,0 A	403,0 A	-	CFW11 0795 T4 ⁽⁷⁾
13952298	67 uH @ 397,0 A	34 uH @ 596,0 A	437,0 A	-	CFW11 0877 T4 ⁽⁷⁾
13952196	58 uH @ 457,0 A	29 uH @ 686,0 A	503,0 A	CFW11 0795 T4 ⁽⁷⁾	-
13952300	52 uH @ 504,0 A	26 uH @ 756,0 A	555,0 A	CFW11 0877 T4 ⁽⁷⁾	CFW11 1062 T4 ⁽⁷⁾
13952303	49 uH @ 542,0 A	25 uH @ 813,0 A	596,0 A	-	CFW11 1141 T4 ⁽⁷⁾
13952304	43 uH @ 611,0 A	22 uH @ 917,0 A	672,0 A	CFW11 1062 T4 ⁽⁷⁾	-
13952305	40 uH @ 656,0 A	20 uH @ 984,0 A	722,0 A	CFW11 1141 T4 ⁽⁷⁾	-

(5) The reactors are accessories that are not manufactured by WEG and can be acquired directly by the customer in the local market since the technical specifications defined in the above table be respected.

(6) Above input reactors are CE market but are not UL listed, please contact WEG or a local supplier to find the certified reactors following market requirements.

(7) The VSD models have TWO rectifier input bridges, the input reactors must be connected one per bridge.

The part number above is only for ONE reactor, for the VSD must be ordered TWO of it.

Variable Speed Drives

CFW11 - Standard - 500~600V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
525V - 3AC								
11995931	SA CFW11 0002 T5 ONFZ	2.9	2.7	1.5	1.5	B	50°C	Yes
11995935	SA CFW11 0004 T5 ONFZ	4.2	3.8	2.2	2.2	B	50°C	Yes
11996008	SA CFW11 0007 T5 ONFZ	7	6.4	4	3	B	50°C	Yes
11996009	SA CFW11 0010 T5 ONFZ	10	9	5.5	5.5	B	50°C	Yes
11996010	SA CFW11 0012 T5 ONFZ	12	10	7.5	5.5	B	50°C	Yes
11996011	SA CFW11 0017 T5 ONFZ	17	17	11	11	B	50°C	Yes
12600795	SA CFW11 0022 T5 ONFZ	22	19	15	11	C	50°C	Yes
12600796	SA CFW11 0027 T5 ONFZ	27	22	18.5	15	C	50°C	Yes
12600797	SA CFW11 0032 T5 ONFZ	32	27	22	18.5	C	50°C	Yes
12600949	SA CFW11 0044 T5 ONFZ	44	36	30	22	C	50°C	Yes
11988704	SA CFW11 0053 T6 ONBYZ	53	44	37	30	E	45°C	No
11988771	SA CFW11 0063 T6 ONBYZ	63	53	37	37	E	45°C	No
11988775	SA CFW11 0080 T6 ONBYZ	80	66	55	45	E	45°C	No
11988777	SA CFW11 0107 T6 ONBYZ	107	90	75	55	E	45°C	No
11988799	SA CFW11 0125 T6 ONBYZ	125	107	75	75	E	45°C	No
11988802	SA CFW11 0150 T6 ONBYZ	150	122	90	75	E	45°C	No
11988684	SA CFW11 0170 T6 OYZ	170	150	110	90	F	45°C	No
11988685	SA CFW11 0216 T6 OYZ	216	180	150	132	F	45°C	No
11988686	SA CFW11 0289 T6 OYZ	289	240	200	160	F	45°C	No
11988698	SA CFW11 0315 T6 OYZ	315	289	220	200	G	45°C	No
11988700	SA CFW11 0365 T6 OYZ	365	315	260	220	G	45°C	No
11988702	SA CFW11 0435 T6 OYZ	435	357	315	260	G	45°C	No
12713108	SA CFW11 0472 T6 OYZ	472	418	330	300	G	45°C	No
12634243	SA CFW11 0584 T6 OYZ	584	504	400	355	H	40°C	No
12634244	SA CFW11 0625 T6 OYZ	625	540	450	355	H	40°C	No
12634246	SA CFW11 0758 T6 OYZ	758	614	560	450	H	40°C	No
12634289	SA CFW11 0804 T6 OYZ	804	682	560	500	H	40°C	No

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

(3) Frame size "H" does not have built-in DC-link Inductor. Input reactor MUST be used.

(4) T5 versions don't have CE mark

CFW11 - Frame Size "H" Input Reactor - 500~600V ⁽⁵⁾⁽⁶⁾

Part Number	Rated L1@I1	Overload L2@I2	Thermal Current Ith	Rated VSD	
				ND	HD
500~600V - 3AC - 1.1kV Class					
14609408	57 uH @ 580,0 A	29 uH @ 870,0 A	638,0 A	-	CFW11 584 T6 ⁽⁷⁾
14609412	49 uH @ 672,0 A	25 uH @ 1008,0 A	739,0 A	CFW11 584 T6 ⁽⁷⁾	-
14609409	53 uH @ 621,0 A	27 uH @ 932,0 A	683,0 A	-	CFW11 625 T6 ⁽⁷⁾
14609413	46 uH @ 719,0 A	23 uH @ 1079,0 A	791,0 A	CFW11 625 T6 ⁽⁷⁾	-
14609386	94 uH @ 353,0 A	47 uH @ 530,0 A	388,0 A	-	CFW11 758 T6 ⁽⁷⁾
14609383	76 uH @ 436,0 A	38 uH @ 654,0 A	479,0 A	CFW11 758 T6 ⁽⁷⁾	-
14609381	84 uH @ 392,0 A	42 uH @ 588,0 A	431,0 A	-	CFW11 804 T6 ⁽⁷⁾
14609384	72 uH @ 462,0 A	36 uH @ 693,0 A	509,0 A	CFW11 804 T6 ⁽⁷⁾	-

(5) The reactors are accessories that are not manufactured by WEG and can be acquired directly by the customer in the local market since the technical specifications defined in the above table be respected.

(6) Above input reactors are CE market but are not UL listed, please contact WEG or a local supplier to find the certified reactors following market requirements.

(7) The CFW11 584 T6 and CFW11 625 T6 models have ONE rectifier input bridge and the input reactor must be conected on the bridge. The CFW11 0758 T6 and CFW11 0804 T models have TWO rectifier input bridges, the input reactors must be connected one per bridge. The part number above is only for ONE reactor, for those VSDs must be ordered TWO input reactors.

Variable Speed Drives

CFW11 - with STO - 500~600V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
525V - 3AC								
11996013	SA CFW11 0002 T5 ONFYZ	2.9	2.7	1.5	1.5	B	50°C	Yes
11996014	SA CFW11 0004 T5 ONFYZ	4.4	3.8	2.2	2.2	B	50°C	Yes
11996015	SA CFW11 0007 T5 ONFYZ	7	6.4	4	3	B	50°C	Yes
11996016	SA CFW11 0010 T5 ONFYZ	10	9	5.5	5.5	B	50°C	Yes
11996050	SA CFW11 0012 T5 ONFYZ	12	10	7.5	5.5	B	50°C	Yes
11996052	SA CFW11 0017 T5 ONFYZ	17	17	11	11	B	50°C	Yes
13447956	SA CFW11 0022 T5 ONFYZ	22	19	15	11	C	50°C	Yes
13446552	SA CFW11 0027 T5 ONFYZ	27	22	18.5	15	C	50°C	Yes
13448069	SA CFW11 0032 T5 ONFYZ	32	27	22	18.5	C	50°C	Yes
13448072	SA CFW11 0044 T5 ONFYZ	44	36	30	22	C	50°C	Yes
11988704	SA CFW11 0053 T6 ONBYZ	53	44	37	30	E	45°C	No
11988771	SA CFW11 0063 T6 ONBYZ	63	53	45	37	E	45°C	No
11988775	SA CFW11 0080 T6 ONBYZ	80	66	55	45	E	45°C	No
11988777	SA CFW11 0107 T6 ONBYZ	107	90	75	55	E	45°C	No
11988799	SA CFW11 0125 T6 ONBYZ	125	107	75	75	E	45°C	No
11988802	SA CFW11 0150 T6 ONBYZ	150	122	90	75	E	45°C	No
11988684	SA CFW11 0170 T6 OYZ	170	150	110	90	F	45°C	No
11988685	SA CFW11 0216 T6 OYZ	216	180	150	132	F	45°C	No
11988686	SA CFW11 0289 T6 OYZ	289	240	200	160	F	45°C	No
11988698	SA CFW11 0315 T6 OYZ	315	289	220	200	G	45°C	No
11988700	SA CFW11 0365 T6 OYZ	365	315	260	220	G	45°C	No
11988702	SA CFW11 0435 T6 OYZ	435	357	315	260	G	45°C	No
12713108	SA CFW11 0472 T6 OYZ	472	418	330	300	G	45°C	No
12634243	SA CFW11 0584 T6 OYZ	584	504	400	355	H	40°C	No
12634244	SA CFW11 0625 T6 OYZ	625	540	450	355	H	40°C	No
12634246	SA CFW11 0758 T6 OYZ	758	614	560	450	H	40°C	No
12634289	SA CFW11 0804 T6 OYZ	804	682	560	500	H	40°C	No

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

(3) Frame size "H" does not have built-in DC-link Inductor. Input reactor MUST be used.

(4) T5 version doesn't have CE mark

CFW11 - Frame Size "H" Input Reactor - 500~600V ⁽⁶⁾

Part Number	Rated L1@I1	Overload L2@I2	Thermal Current Ith	Rated VSD	
				ND	HD
500~600V - 3AC - 1.1kV Class					
12823392	76μH @ 540A	38μH @ 810A	594	-	CFW11 0584 T6 CFW11 0625 T6
12823391	66μH @ 625A	33μH @ 937.5A	687.5	CFW11 0584 T6 CFW11 0625 T6	-
12823396	125uH @ 352A ⁽⁵⁾	63uH @ 528A ⁽⁵⁾	387 ⁽⁵⁾	-	CFW11 0758 T6
12824013	113uH @ 410A ⁽⁵⁾	22uH @ 615A ⁽⁵⁾	451 ⁽⁵⁾	-	CFW11 0804 T6
12823393	101uH @ 478A ⁽⁵⁾	51uH @ 671A ⁽⁵⁾	492 ⁽⁵⁾	CFW11 0758 T6 CFW11 0804 T6	-

(5) The 0758 and 0804 VSD models have TWO rectifier input bridges, the input reactors must be connected one per bridge. The part number above is only for ONE reactor, for the VSD must be ordered TWO of it.

(6) Above input reactors are CE market but are not UL listed, please contact WEG or a local supplier to find the certified reactors following market requirements.

Variable Speed Drives

CFW11 - RFI filter & STO - 660~690V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size ⁽³⁾	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
690V - 3AC								
11988697	SA CFW11 0002 T6 OYZ	2.9	2.7	2.2	1.5	D	50°C	Yes
11988720	SA CFW11 0004 T6 OYZ	4.2	3.8	3.7	2.2	D	50°C	Yes
11988721	SA CFW11 0007 T6 OYZ	7	6.5	5.5	3.7	D	50°C	Yes
11988763	SA CFW11 0010 T6 OYZ	8.5	7	7.5	5.5	D	50°C	Yes
11988496	SA CFW11 0012 T6 OYZ	11	9	11	7.5	D	50°C	Yes
11988630	SA CFW11 0017 T6 OYZ	15	13	15	11	D	50°C	Yes
11988635	SA CFW11 0022 T6 OYZ	20	17	18.5	15	D	50°C	Yes
11988637	SA CFW11 0027 T6 OYZ	24	20	22	18.5	D	50°C	Yes
11988661	SA CFW11 0032 T6 OYZ	30	24	30	22	D	50°C	Yes
11988664	SA CFW11 0044 T6 OYZ	35	30	37	30	D	50°C	Yes
11988619	SA CFW11 0053 T6 OYZ	46	39	45	37	E	45°C	Yes
11988627	SA CFW11 0063 T6 OYZ	54	46	55	45	E	45°C	Yes
11988650	SA CFW11 0080 T6 OYZ	73	61	75	55	E	45°C	Yes
11988654	SA CFW11 0107 T6 OYZ	100	85	90	75	E	45°C	Yes
11988656	SA CFW11 0125 T6 OYZ	108	95	110	90	E	45°C	Yes
11988679	SA CFW11 0150 T6 OYZ	130	108	132	110	E	45°C	Yes
11988684	SA CFW11 0170 T6 OYZ	147	127	160	132	F	45°C	No
11988685	SA CFW11 0216 T6 OYZ	195	165	200	160	F	45°C	No
11988686	SA CFW11 0289 T6 OYZ	259	225	280	220	F	45°C	No
11988698	SA CFW11 0315 T6 OYZ	259	225	300	280	G	45°C	No
11988700	SA CFW11 0365 T6 OYZ	312	259	355	300	G	45°C	No
11988702	SA CFW11 0435 T6 OYZ	365	312	400	355	G	45°C	No
12713108	SA CFW11 0472 T6 OYZ	427	365	450	400	G	45°C	No
12634243	SA CFW11 0584 T6 OYZ	444	410	500	450	H	40°C	No
12634244	SA CFW11 0625 T6 OYZ	518	447	560	500	H	40°C	No
12634246	SA CFW11 0758 T6 OYZ	628	518	710	560	H	40°C	No
12634289	SA CFW11 0804 T6 OYZ	703	594	800	630	H	40°C	No

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

(3) Frame size "H" does not have built-in DC-link Inductor. Input reactor MUST be used.

CFW11 - Frame Size "H" Input Reactor - 660~690V ⁽⁵⁾⁽⁶⁾

CFW11 - Frame Size 11 - Input Reactor - 660-690V					
Part Number	Rated L1@I1	Overload L2@I2	Thermal Current Ith	Rated VSD	
				ND	HD
660~690V - 3AC - 1.1kV Class					
14610238	81 uH @ 472,0 A	41 uH @ 708,0 A	638,0 A	-	CFW11 584 T6 ⁽⁷⁾
14604546	69 uH @ 550,0 A	35 uH @ 825,0 A	739,0 A	CFW11 584 T6 ⁽⁷⁾	-
14610239	74 uH @ 514,0 A	37 uH @ 771,0 A	683,0 A	-	CFW11 625 T6 ⁽⁷⁾
14610240	64 uH @ 596,0 A	32 uH @ 894,0 A	791,0 A	CFW11 625 T6 ⁽⁷⁾	-
14609616	128 uH @ 298,0 A	64 uH @ 447,0 A	388,0 A	-	CFW11 758 T6 ⁽⁷⁾
14401300	105 uH @ 361,0 A	53 uH @ 542,0 A	479,0 A	CFW11 758 T6 ⁽⁷⁾	-
14609628	111 uH @ 342,0 A	56 uH @ 513,0 A	431,0 A	-	CFW11 804 T6 ⁽⁷⁾
14610187	97 uH @ 404,0 A	49 uH @ 606,0 A	509,0 A	CFW11 804 T6 ⁽⁷⁾	-

(5) The reactors are accessories that are not manufactured by WEG and can be acquired directly by the customer in the local market since the technical specifications defined in the above table be respected.

(6) Above input reactors are CE market but are not UL listed, please contact WEG or a local supplier to find the certified reactors following market requirements.

(7) The CFW11 584 T6 and CFW11 625 T6 models have ONE rectifier input bridge and the input reactor must be connected on the bridge. The CFW11 0758 T6 and CFW11 0804 T models have TWO rectifier input bridges, the input reactors must be connected one per bridge. The part number above is only for ONE reactor, for those VSDs must be ordered TWO input reactors.

Variable Speed Drives

CFW11 - IP55 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
380V - 3AC								
13957014	EU CFW11 0003 T4 O55Z	3.6	3.6	1.5	1.5	B	40°C	Yes
13957015	EU CFW11 0005 T4 O55Z	5	5	2.2	2.2	B	40°C	Yes
13957108	EU CFW11 0007 T4 O55Z	7	5.5	3	2.2	B	40°C	Yes
13957442	EU CFW11 0010 T4 O55Z	10	10	4	4	B	40°C	Yes
13957443	EU CFW11 0013 T4 O55Z	13.5	11	5.5	4	B	40°C	Yes
13957444	EU CFW11 0017 T4 O55Z	17	13.5	7.5	5.5	B	40°C	Yes
13957446	EU CFW11 0024 T4 O55Z	24	19	11	9.2	B	40°C	Yes
13957447	EU CFW11 0031 T4 O55Z	31	25	15	11	B	40°C	Yes
13957478	EU CFW11 0038 T4 O55Z	38	33	18.5	15	C	40°C	Yes
13957479	EU CFW11 0045 T4 O55Z	45	38	22	18.5	C	40°C	Yes
13957482	EU CFW11 0058 T4 O55Z	58.5	47	30	22	C	40°C	Yes
13957484	EU CFW11 0070 T4 O55Z	70.5	61	30	30	D	40°C	Yes
13957485	EU CFW11 0088 T4 O55Z	88	73	45	37	D	40°C	Yes
13538100	EU CFW11 0105 T4 O55Z	105	88	55	45	E	40°C	No
13545096	EU CFW11 0142 T4 O55Z	142	105	75	55	E	40°C	No
13545192	EU CFW11 0180 T4 O55Z	180	142	90	75	E	40°C	No
13545196	EU CFW11 0211 T4 O55Z	211	180	110	90	E	40°C	No

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW11 - IP55 & Disconnect Switch - 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
380V - 3AC								
13957487	EU CFW11 0003 T4 O55DSZ	3.6	3.6	1.5	1.5	B	40°C	Yes
13957529	EU CFW11 0005 T4 O55DSZ	5	5	2.2	2.2	B	40°C	Yes
13957530	EU CFW11 0007 T4 O55DSZ	7	5.5	3	2.2	B	40°C	Yes
13957532	EU CFW11 0010 T4 O55DSZ	10	10	4	4	B	40°C	Yes
13957533	EU CFW11 0013 T4 O55DSZ	13.5	11	5.5	4	B	40°C	Yes
13957534	EU CFW11 0017 T4 O55DSZ	17	13.5	7.5	5.5	B	40°C	Yes
13957536	EU CFW11 0024 T4 O55DSZ	24	19	11	9.2	B	40°C	Yes
13957537	EU CFW11 0031 T4 O55DSZ	31	25	15	11	B	40°C	Yes
13957588	EU CFW11 0038 T4 O55DSZ	38	33	18.5	15	C	40°C	Yes
13957589	EU CFW11 0045 T4 O55DSZ	45	38	22	18.5	C	40°C	Yes
13957590	EU CFW11 0058 T4 O55DSZ	58.5	47	30	22	C	40°C	Yes
13957592	EU CFW11 0070 T4 O55DSZ	70.5	61	30	30	D	40°C	Yes
13957593	EU CFW11 0088 T4 O55DSZ	88	73	45	37	D	40°C	Yes
13540820	EU CFW11 0105 T4 O55DSZ	105	88	55	45	E	40°C	No
13545097	EU CFW11 0142 T4 O55DSZ	142	105	75	55	E	40°C	No
13545193	EU CFW11 0180 T4 O55DSZ	180	142	90	75	E	40°C	No
13545197	EU CFW11 0211 T4 O55DSZ	211	180	110	90	E	40°C	No

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW11 - IP55 & RFI Filter & Disconnect Switch - 200~240V & 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
230V - 1AC								
13534985	EU CFW11 0006 S2 O55FADSZ	6	6	1.5	1.5	B	40°C	Yes
13534998	EU CFW11 0007 S2 O55FADSZ	7	7	1.5	1.5	B	40°C	Yes
13535005	EU CFW11 0010 S2 O55FADSZ	10	10	2.2	2.2	B	40°C	Yes
380V - 3AC								
13536908	EU CFW11 0003 T4 O55FADSZ	3.6	3.6	1.5	1.5	B	40°C	Yes
13536914	EU CFW11 0005 T4 O55FADSZ	5	5	2.2	2.2	B	40°C	Yes
13536940	EU CFW11 0007 T4 O55FADSZ	7	5.5	3	2.2	B	40°C	Yes
13536944	EU CFW11 0010 T4 O55FADSZ	10	10	4	4	B	40°C	Yes
13536970	EU CFW11 0013 T4 O55FADSZ	13.5	11	5.5	4	B	40°C	Yes
13537318	EU CFW11 0017 T4 O55FADSZ	17	13.5	7.5	5.5	B	40°C	Yes
13537325	EU CFW11 0024 T4 O55FADSZ	24	19	11	9.2	B	40°C	Yes
13537340	EU CFW11 0031 T4 O55FADSZ	31	25	15	11	B	40°C	Yes
13537838	EU CFW11 0038 T4 O55FADSZ	38	33	18.5	15	C	40°C	Yes
13537847	EU CFW11 0045 T4 O55FADSZ	45	38	22	18.5	C	40°C	Yes
13537865	EU CFW11 0058 T4 O55FADSZ	58.5	47	30	22	C	40°C	Yes
13537944	EU CFW11 0070 T4 O55FADSZ	70.5	61	30	30	D	40°C	Yes
13538031	EU CFW11 0088 T4 O55FADSZ	88	73	45	37	D	40°C	Yes
13540820	EU CFW11 0105 T4 O55DSZ	105	88	55	45	E	40°C	No
13545097	EU CFW11 0142 T4 O55DSZ	142	105	75	55	E	40°C	No
13545193	EU CFW11 0180 T4 O55DSZ	180	142	90	75	E	40°C	No
13545197	EU CFW11 0211 T4 O55DSZ	211	180	110	90	E	40°C	No

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

Variable Speed Drives

CFW11 - Accessories

Part Number	Product	Slot	Description
Dynamic Braking			
10790788	DBW03 0380	-	External Dynamic Braking Module for sizes F and G (380A - 380~480V)
10794631	DBW03 0250	-	External Dynamic Braking Module for sizes F and G (250A - 500~690V)
13238895	DBW04 0380	-	External Dynamic Braking Module for size H (380A - 380~480V)
13166838	DBW04 0250	-	External Dynamic Braking Module for size H (250A - 500~690V)
I/O Expansion Modules			
11008162	IOA-01	1	IOA Module for CFW-11: 1 analog input (14 bits, voltage or current); 2 digital inputs; 2 analog outputs (14 bits, voltage or current); 2 digital outputs (open-collector).
11008099	IOB-01	1	IOB Module for CFW-11: 2 isolated analog inputs (12 bits, voltage or current); 2 digital inputs; 2 isolated analog outputs (11 bits, voltage or current); 2 digital outputs (open-collector).
11126674	IOC-01	1	IOC-01 Module for SoftPLC applications: 8 isolated digital inputs; 4 relay digital outputs (max. 240V / 1A)
11126730	IOC-02	1	IOC-02 Module for SoftPLC applications: 8 isolated digital inputs; 8 NPN type digital outputs
11820111	IOC-03	1	IOC-03 Module for SoftPLC applications: 8 isolated digital inputs; 7 PNP type digital outputs
Temperature Transducers Modules			
11126732	IOE-01	1	PTC temperature transducer (5 sensor inputs)
11126735	IOE-02	1	PT100 temperature transducer module (5 sensor inputs)
11126750	IOE-03	1	KTY84 temperature transducer module (5 sensor inputs)
Encoder Modules			
11008100	ENC-01	2	Incremental encoder module, 5 to 12 VDC at 100 kHz, with encoder signal repeater.
11008101	ENC-02	2	Incremental encoder module, 5 to 12 VDC at 100 kHz, without encoder signal repeater.
Communication Modules			
11008102	RS485-01	3	RS-485 serial communication module (Modbus-RTU)
11008103	RS232-01	3	RS-232C serial communication module (Modbus-RTU)
11008104	RS232-02	3	RS-232C serial communication module with DIP-switches for microcontroller's flash memory programming.
11008105	CAN/RS485-01	3	CAN and RS-485 communication module (CANopen / Modbus/DeviceNet)
11008106	CAN-01	3	CAN interface module (CANopen/DeviceNet)
11045488	PROFIBUS DP-01	3	Profibus DP-V1 interface module
11008107	PROFDP-05	4	Profibus DP-V1 interface module
11008158	DEVICENET-05	4	DeviceNet interface module
10933688	ETHERNET/IP-05	4	Ethernet/IP interface module - 1 Port
12272760	ETHERNETIP-2P-05	4	Ethernet/IP interface module - 2 Ports
14926615	ETHERCAT-05	4	EtherCAT interface module
11008160	RS232-05	4	RS-232 serial communication module (Modbus-RTU)
11008161	RS485-05	4	RS-485 serial communication module (Modbus-RTU)
11550476	MODBUSTCP-05	4	Modbus - TCP/IP interface module - 1 Port
14033951	MODBUSTCP-2P-05	4	Modbus - TCP/IP interface module - 2 Ports
11550548	PROFINETIO-05	4	Profinet interface module - 2 Ports
16323604	PROFINET-S2/M40-05	4	Profinet-S2/M40-05 interface module - 2 Ports
PLC Module			
11008911	PLC11-01	1 2 3	PLC functions; Ladder programming; electronic gear box; 9 digital inputs; 3 dry-contact digital outputs; 3 open-collector digital outputs; 1 analog input (14 bits); 2 analog outputs (14 bits); 2 encoder interfaces; RS-485 Modbus-RTU interface; CAN interface (CANopen, CANopen master/slave).
11094251	PLC11-02	1 2 3	PLC functions; Ladder programming; electronic gear box; 4 digital inputs; 1 dry-contact digital output; 3 open-collector digital outputs;); 2 encoder interfaces; RS-485 Modbus-RTU interface; CAN interface (CANopen, CANopen master/slave).
Keypad Accessories			
11010521	RHMIF-01	-	Frame for keypad remote assembly, IP56
11010298	HMID-01	-	Blank cover for keypad slot

Variable Speed Drives

CFW11 - Accessories

Part Number	Product	Slot	Description
Cables for HMI			
10950192	CAB-RS-1M	-	1m (3.3ft) Remote Keypad Cable
10951226	CAB-RS-2M	-	2m (6.6ft) Remote Keypad Cable
10951223	CAB-RS-3M	-	3m (10ft) Remote Keypad Cable
10951227	CAB-RS-5M	-	5m (16ft) Remote Keypad Cable
10951240	CAB-RS-7,5M	-	7.5m (25ft) Remote Keypad Cable
10951239	CAB-RS-10M	-	10m (33ft) Remote Keypad Cable
Conduit Kit			
11010787	KN1A-01	-	NEMA 1 - Conduit kit for frame size A + Power cables shielding
11010800	KN1B-01	-	NEMA 1 - Conduit kit for frame size B + Power cables shielding
11010802	KN1C-01	-	NEMA 1 - Conduit kit for frame size C + Power cables shielding
11010264	KIP21D-01	-	IP21 - Kit for frame size D (top cover)
10960842	KN1E-01	-	NEMA 1 - Top cover kit for frame size E (T4 - 105 and 142A and T6 – all sizes)
10960850	KN1E-02	-	NEMA 1 - Top cover kit + Conduit kit for frame size E (T4 - 180 and 211A)
11417558	KN1F-01	-	NEMA 1 - Conduit kit for frame size F
11417559	KN1G-01	-	NEMA 1 - Conduit kit for frame size G
12362029	KIP20	-	IP20 kit for DBW03 / DBW04
Shielding Kit (included in the FA models)			
11010265	PCSA-01	-	Power cables shielding kit for frame size A
11010266	PCSB-01	-	Power cables shielding kit for frame size B
11010267	PCSC-01	-	Power cables shielding kit for frame size C
Extractable Mounting			
11337710	KME-01	-	Kit for Extractable Mounting - Frame size E
11337634	KMF-01	-	Kit for Extractable Mounting - Frame size F
11337714	KMG-01	-	Kit for Extractable Mounting - Frame size G
12715724	KMH-01	-	Kit for Extractable Mounting - Frame size H
STO Deactivation			
13429125	CFW11-KSDC	-	Kit to deactivate STO function in VSD models that has this feature

CFW11 Optional

External 24 VDC Power Supply			
12193108	W option 1	-	Additional price for 24 VDC power supply W1 is for frame sizes A,B,C, D and E except for frame size D T5 and T6
12193109	W option 2	-	Additional price for 24 VDC power supply W2 is for frame Sizes F, G, H and frame sizes D T5 and T6

VSD Input & Output Reactors

CFW11 - Reactor - 200~240V & 380~480V

WEG SAP Number	Voltage	I nominal	Rated L1@I1 (mH)	I overload	Overload L2@I2 (mH)	Thermal Current Ith	Voltage drop	Rated VSD		Dimensions (mm)		
		I1 (A)		I2 (A)				ND	HD	H	W	D
	220V - 3AC - 50Hz - 2% Voltage Drop - 1.1kV Class											
19102442	220	6	1.348	9	0.674	6.6	2%	CFW11 0006 B2	CFW11 0006 B2 CFW11 0007 T2	75	75	60
19102443	220	7	1.155	10.5	0.578	7.7	2%	CFW11 0007 T2	CFW11 0010 T2	75	75	60
19101444	220	10	0.809	15	0.404	11	2%	CFW11 0010 T2	CFW11 0013 T2	75	75	60
WEG SAP Number	Voltage	I nominal	Rated L1@I1 (mH)	I overload	Overload L2@I2 (mH)	Thermal Current Ith	Voltage drop	Rated VSD		Dimensions (mm)		
		I1 (A)		I2 (A)				ND	HD	H	W	D
	400V - 3AC - 50Hz - 2% Voltage Drop - 1.1kV Class											
19102650	380	2.9	4.817	4.35	2.409	3.19	2%	CFW11 0003 T4	CFW11 0003 T4	125	120	60
19105883	380	5.5	2.540	8.25	1.270	6.05	2%	CFW11 0005 T4	CFW11 0005 T4 CFW11 0007 T4	125	120	60
19105296	380	9.3	1.502	13.95	0.751	10.23	2%	CFW11 0007 T4	-	125	120	60
19105297	380	13	1.075	19.5	0.537	14.3	2%	CFW11 0010 T4 CFW11 0013 T4	CFW11 0010 T4 CFW11 0013 T4	125	150	75
19105368	380	16	0.873	24	0.437	17.6	2%	CFW11 0017 T4	CFW11 0017 T4 CFW11 0024 T4	125	150	75
19105369	380	24	0.582	36	0.291	26.4	2%	CFW11 0024 T4	CFW11 0031 T4	125	150	90
19105370	380	31	0.451	46.5	0.225	34.1	2%	CFW11 0031 T4	CFW11 0038 T4	125	150	90
19105371	380	38	0.368	57	0.184	41.8	2%	CFW11 0038 T4	CFW11 0045 T4	150	180	90
18604298	380	45	0.310	67.5	0.155	49.5	2%	CFW11 0045 T4	CFW11 0058 T4	150	180	90
19105372	380	60	0.233	90	0.116	66	2%	CFW11 0058 T4	CFW11 0070 T4	150	180	115
19105373	380	70	0.200	105	0.100	77	2%	CFW11 0070 T4	CFW11 0088 T4	150	180	115
19105374	380	88	0.159	132	0.079	96.8	2%	CFW11 0088 T4	CFW11 0105 T4	150	180	115
19105375	380	105	0.133	157.5	0.067	115.5	2%	CFW11 0105 T4	-	200	240	150
19105468	380	115	0.121	172.5	0.061	126.5	2%	-	CFW11 0142 T4	200	240	150
19105272	380	142	0.098	213	0.049	156.2	2%	CFW11 0142 T4	CFW11 0180 T4	200	240	160
19105273	380	180	0.078	270	0.039	198	2%	CFW11 0180 T4	CFW11 0211 T4	250	300	180
19105274	380	211	0.066	316.5	0.033	232.1	2%	CFW11 0211 T4	CFW11 0242 T4	250	300	180
19105887	380	242	0.058	363	0.029	266.2	2%	CFW11 0242 T4	CFW11 0312 T4	250	300	200
19105989	380	312	0.045	468	0.022	343.2	2%	CFW11 0312 T4	CFW11 0370 T4	250	300	200
19105991	380	370	0.038	555	0.019	407	2%	CFW11 0370 T4	CFW11 0477 T4	300	360	250
19106160	380	477	0.029	715.5	0.015	524.7	2%	CFW11 0477 T4	CFW11 0515 T4	300	360	250
19106163	380	515	0.027	772.5	0.014	566.5	2%	CFW11 0515 T4	CFW11 0601 T4	300	360	280
19107816	380	601	0.023	901.5	0.012	661.1	2%	CFW11 0601 T4	CFW11 0720 T4	300	360	280
19108138	380	637	0.022	955.5	0.011	700.7	2%	-	CFW11 0795 T4	300	360	300
19108141	380	720	0.019	1080	0.010	792	2%	CFW11 0720 T4	CFW11 0877 T4	350	420	300
19108145	380	795	0.018	1192.5	0.009	874.5	2%	CFW11 0795 T4	-	350	420	300
19108146	380	877	0.016	1315.5	0.008	964.7	2%	CFW11 0877 T4	CFW11 1062 T4	350	420	350
19108147	380	943	0.015	1414.5	0.007	1037.3	2%	-	CFW11 1141 T4	350	420	350
19108198	380	1141	0.012	1711.5	0.006	1255.1	2%	CFW11 1141 T4	-	350	420	400

CFW11 - Frame Size "H" Input Reactor - 380~480V

WEG SAP Number	Voltage	I nominal	Rated L1@I1 (mH)	I overload	Overload L2@I2 (mH)	Thermal Current Ith	Voltage drop	Rated VSD		Dimensions (mm)		
		I1 (A)		I2 (A)				ND	HD			
		H		W				D				
	400V - 3AC - 50Hz - 4% Voltage Drop - 1.1kV Class											
19108084	380	361	0.075	541.5	0.038	397.1	4%	-	CFW11 0795 T4	300	360	250
19108085	380	411	0.072	616.5	0.036	452.1	4%	-	CFW11 0877 T4	300	360	250
19108086	380	450	0.060	675	0.030	495	4%	CFW11 0795 T4	-	300	360	250
19108087	380	504	0.059	756	0.030	554.4	4%	CFW11 0877 T4	CFW11 1062 T4	300	360	280
19108208	380	542	0.054	813	0.027	596.2	4%	-	CFW11 1141 T4	300	360	280
19108209	380	510	0.048	765	0.024	561	4%	CFW11 1062 T4	-	300	360	280
TBC	380	610	0.048	915	0.024	671	4%	CFW11 1141 T4	-	300	360	280
19108210	380	656	0.045	984	0.023	721.6	4%	CFW11 1141 T4	-	300	360	280

The VSD models have TWO rectifier input bridges, the input reactors must be connected one per bridge.
The part number above is only for ONE reactor. TWO reactors are needed for each VSD.

VSD Input & Output Reactors

CFW11 - Reactor - 500~600V

WEG SAP Number	Voltage	I nominal	Rated L1@I1 (mH)	I overload	Overload L2@I2 (mH)	Thermal Current Ith	Voltage drop	Rated VSD		Dimensions (mm)			Weight
		I1 (A)		I2 (A)				ND	HD	H	W	D	
	525V - 3AC - 50Hz - 2% Voltage Drop - 1.1kV Class												
19111278	525	2.9	6.656	4.35	3.328	3.19	2%	CFW11 0002 T5	CFW11 0002 T5	125	120	60	2.3 KG's
19111281	525	4.2	4.596	6.3	2.298	4.62	2%	CFW11 0004 T5	CFW11 0004 T5	125	120	60	2.3 KG's
19111282	525	7	2.757	10.5	1.379	7.7	2%	CFW11 0007 T5	CFW11 0007 T5	125	120	60	2.5 KG's
19111063	525	10	1.930	15	0.965	11	2%	CFW11 0010 T5	CFW11 0010 T5 CFW11 0012 T5	125	150	75	2.7 KG's
19111283	525	12	1.608	18	0.804	13.2	2%	CFW11 0012 T5	-	125	150	75	2.7 KG's
19111064	525	17	1.135	25.5	0.568	18.7	2%	CFW11 0017 T5	CFW11 0017 T5	125	150	90	3 KG's
19111284	525	22	0.877	33	0.439	24.2	2%	CFW11 0022 T6	CFW11 0022 T6 CFW11 0027 T6	150	180	90	6,4 KG's
19111285	525	27	0.715	40.5	0.357	29.7	2%	CFW11 0027 T6	CFW11 0032 T6	150	180	90	6,4 KG's
19111286	525	32	0.603	48	0.302	35.2	2%	CFW11 0032 T6	-	150	180	90	7.8 KG's
19111287	525	44	0.439	66	0.219	48.4	2%	CFW11 0044 T6	CFW11 0044 T6 CFW11 0053 T6	150	180	115	9.5 KG's
19111308	525	53	0.364	79.5	0.182	58.3	2%	CFW11 0053 T6	CFW11 0063 T6	150	180	115	9.5 KG's
19111309	525	63	0.306	94.5	0.153	69.3	2%	CFW11 0063 T6	-	150	180	115	10.2 KG's
19111610	525	66	0.292	99	0.146	72.6	2%	-	CFW11 0080 T6	150	180	115	10.2 KG's
19111612	525	80	0.241	120	0.121	88	2%	CFW11 0080 T6	-	200	240	150	14 KG's
19111066	525	99	0.195	148.5	0.097	108.9	2%	-	CFW11 0107 T6	200	240	150	14 KG's
19111067	525	107	0.180	160.5	0.090	117.7	2%	CFW11 0107 T6	CFW11 0125 T6	200	240	150	18 KG's
19108614	525	125	0.154	187.5	0.077	137.5	2%	CFW11 0125 T6	CFW11 0150 T6	200	240	180	19 KG's
19108616	525	150	0.129	225	0.064	165	2%	CFW11 0150 T6	CFW11 0170 T6	200	240	180	21 KG's
19111162	525	170	0.114	255	0.057	187	2%	CFW11 0170 T6	-	200	240	180	22 KG's
19111163	525	180	0.107	270	0.054	198	2%	-	CFW11 0216 T6	200	240	180	27 KG's
19111312	525	216	0.089	324	0.045	237.6	2%	CFW11 0216 T6	-	250	300	350	32 KG's
19111313	525	247	0.078	370.5	0.039	271.7	2%	-	CFW11 0289 T6	250	300	350	32 KG's
19111164	525	289	0.067	433.5	0.033	317.9	2%	CFW11 0289 T6	CFW11 0315 T6	250	300	350	35 KG's
19111314	525	315	0.061	472.5	0.031	346.5	2%	CFW11 0315 T6	CFW11 0365 T6	250	300	180	40 KG's
19111166	525	365	0.053	547.5	0.026	401.5	2%	CFW11 0365 T6	CFW11 0435 T6	250	300	180	42 KG's
19111167	525	435	0.044	652.5	0.022	478.5	2%	CFW11 0435 T6	-	300	360	180	53 KG's
19111218	525	504	0.038	756	0.019	554.4	2%	-	CFW11 0584 T6	300	360	200	58 KG's
19111315	525	540	0.036	810	0.018	594	2%	-	CFW11 0625 T6	300	360	200	61 KG's
19111219	525	584	0.033	876	0.017	642.4	2%	CFW11 0584 T6	-	300	360	200	68 KG's
19111221	525	625	0.031	937.5	0.015	687.5	2%	CFW11 0625 T6	CFW11 0758 T6	300	360	200	
19111223	525	682	0.028	1023	0.014	750.2	2%	-	CFW11 0804 T6	350	420	180	
19111224	525	758	0.025	1137	0.013	833.8	2%	CFW11 0758 T6	-	400	350	300	
19111227	525	804	0.024	1206	0.012	884.4	2%	CFW11 0804 T6	-	400	480	300	

CFW11 - Frame Size "H" Input Reactor - 500~600V ⁽¹⁾⁽²⁾⁽³⁾

WEG SAP Number	Voltage	I nominal	Rated L1@I1 (mH)	I overload	Overload L2@I2 (mH)	Thermal Current Ith	Voltage drop	Rated VSD		Dimensions (mm)			Heat Loss (W)
		I1 (A)		I2 (A)				ND	HD				
		H	W	D									
	525V - 3AC - 50Hz - 4% Voltage Drop - 1.1kV Class												
19111252	525	540	0.076	810	0.038	594	4.25%	-	CFW11 0584 T6 CFW11 0625 T6				
19111253	525	625	0.066	937.5	0.033	687.5	4.27%	CFW11 0584 T6 CFW11 0625 T6	-	350	420	380	
19111254	525	352	0.125	528	0.063	387.2	4.56%	-	CFW11 0758 T6				
19111255	525	410	0.113	615	0.057	451	4.80%	-	CFW11 0804 T6				
19111256	525	447	0.101	670.5	0.051	491.7	4.68%	CFW11 0758 T6 CFW11 0804 T6	-				

(1) Frame size "H" does not have built-in DC-link Inductor. Input reactor MUST be used.

(2) The CFW11 584 T6 and CFW11 625 T6 models have ONE rectifier input bridge and the input reactor must be connected on the bridge.

(3) The CFW11 758 T6 and CFW11 0804 T models have TWO rectifier input bridges, the input reactors must be connected one per bridge. The part number above is only for ONE reactor, for the VSD, TWO must be ordered

VSD Input & Output Reactors

CFW11 - Reactor - 660~690V

WEG SAP Number	Voltage	I nominal	Rated L1@I1 (mH)	I overload	Overload L2@I2 (mH)	Thermal Current Ith	Voltage drop	Rated VSD		Dimensions (mm)		
		I1 (A)		I2 (A)				ND	HD			
		H		W				D				
	690V - 3AC - 50Hz - 2% Voltage Drop - 1.1kV Class											
19115124	690	2.9	8.747	4.35	4.374	3.19	2%	CFW11 0002 T6	CFW11 0002 T6	125	120	60
19114199	690	4.2	6.040	6.3	3.020	4.62	2%	CFW11 0004 T6	CFW11 0004 T6	125	120	60
19114200	690	7	3.624	10.5	1.812	7.7	2%	CFW11 0007 T6	CFW11 0007 T6 CFW11 0010 T6	125	120	60
19115126	690	8.5	2.984	12.75	1.492	9.35	2%	CFW11 0010 T6	CFW11 0012 T6	125	150	75
19115127	690	11	2.306	16.5	1.153	12.1	2%	CFW11 0012 T6	-	125	150	75
19114202	690	15	1.691	22.5	0.846	16.5	2%	CFW11 0017 T6	CFW11 0017 T6	125	150	90
19115238	690	20	1.268	30	0.634	22	2%	CFW11 0022 T6	CFW11 0022 T6 CFW11 0027 T6	150	180	90
19114203	690	24	1.057	36	0.528	26.4	2%	CFW11 0027 T6	CFW11 0032 T6	150	180	115
19114204	690	30	0.846	45	0.423	33	2%	CFW11 0032 T6	CFW11 0044 T6	150	180	115
19115241	690	35	0.725	52.5	0.362	38.5	2%	CFW11 0044 T6	-	150	180	115
19114205	690	46	0.551	69	0.276	50.6	2%	CFW11 0053 T6	CFW11 0053 T6 CFW11 0063 T6	200	240	150
19117086	690	54	0.470	81	0.235	59.4	2%	CFW11 0063 T6	-	200	240	150
19117178	690	73	0.348	109.5	0.174	80.3	2%	CFW11 0080 T6	CFW11 0080 T6	200	240	150
19114206	690	100	0.254	150	0.127	110	2%	CFW11 0107 T6	CFW11 0107 T6	200	240	180
19117179	690	108	0.235	162	0.117	118.8	2%	CFW11 0125 T6	CFW11 0150 T6	200	240	180
19114595	690	127	0.200	190.5	0.100	139.7	2%	CFW11 0150 T6	CFW11 0170 T6	200	240	180
19117180	690	147	0.173	220.5	0.086	161.7	2%	CFW11 0170 T6	-	200	240	180
19117181	690	179	0.142	268.5	0.071	196.9	2%	-	CFW11 0216 T6	250	300	180
19114596	690	195	0.130	292.5	0.065	214.5	2%	CFW11 0216 T6	-	250	300	180
19117182	690	225	0.113	337.5	0.056	247.5	2%	-	CFW11 0289 T6 CFW11 0315 T6	250	300	180
19114698	690	259	0.098	388.5	0.049	284.9	2%	CFW11 0289 T6 CFW11 0315 T6	CFW11 0365 T6	300	360	180
19114699	690	305	0.083	457.5	0.042	335.5	2%	CFW11 0365 T6	CFW11 0435 T6	300	360	180
19114700	690	365	0.070	547.5	0.035	401.5	2%	CFW11 0435 T6	-	300	360	180
19114701	690	410	0.062	615	0.031	451	2%	-	CFW11 0584 T6	300	360	180
19114702	690	478	0.053	717	0.027	525.8	2%	CFW11 0584 T6	CFW11 0625 T6	300	360	200
19114703	690	518	0.049	777	0.024	569.8	2%	CFW11 0625 T6	CFW11 0758 T6	300	360	200
19114704	690	628	0.040	942	0.020	690.8	2%	CFW11 0758 T6	CFW11 0804 T6	300	360	180
19117184	690	811	0.031	1216.5	0.016	892.1	2%	CFW11 0804 T6	-	350	420	200

CFW11 - Frame Size "H" Input Reactor - 660~690V ⁽¹⁾⁽²⁾⁽³⁾

WEG SAP Number	Voltage	I nominal	Rated L1@I1 (mH)	I overload	Overload L2@I2 (mH)	Thermal Current Ith	Voltage drop	Rated VSD		Dimensions (mm)		
		I1 (A)		I2 (A)				ND	HD			
		H	W	D								
	690V - 3AC - 50Hz - 4% Voltage Drop - 1.1kV Class											
19114705	690	410	0.113	615	0.057	451	3.65%	-	CFW11 0584 T6			
19114706	690	447	0.101	670.5	0.051	491.7	3.56%	CFW11 0584 T6	CFW11 0625 T6			
19117185	690	518	0.085	777	0.043	569.8	3.47%	CFW11 0625 T6	-			
19117187	690	259	0.170	388.5	0.085	284.9	3.47%	-	CFW11 0758 T6			
TBC	690	298	0.155	447	0.078	327.8	3.64%	-	CFW11 0758 T6			
19117208	690	314	0.149	471	0.075	345.4	3.69%	CFW11 0758 T6	CFW11 0804 T6			
19117210	690	352	0.125	528	0.063	387.2	3.47%	CFW11 0804 T6	-			

(1) Frame size "H" does not have built-in DC-link Inductor. Input reactor MUST be used.

(2) The CFW11 584 T6 and CFW11 625 T6 models have ONE rectifier input bridge and the input reactor must be connected on the bridge.

(3) The CFW11 758 T6 and CFW11 0804 T models have TWO rectifier input bridges, the input reactors must be connected one per bridge. The part number above is only for ONE reactor, for the VSD, TWO must be ordered

The MW500 series offers the user a "decentralized mode" installation concept. Its degree of protection IP66 (NEMA 4x) allows installation flexibility since it can be done directly on the motor itself or on the walls of the electrical room or machine frame. This reflects in the optimization of the physical space required and mainly in the economic savings by eliminating the need for the electrical cabinet and cables.



- Certifications:  

MW500 G2

Decentralized Variable Speed Drive

Technical data:

- Single-phase and three-phase power supply.
- Voltage range: 200-240Vac for single-phase models and 380-480Vac for three-phase models.
- Current / Power range: up to 19,2 Amps / 9,2 kW (10 HP)
- Control mode: V/f scalar control, VVW control (synchronous and asynchronous motors), vector control with sensor and sensorless.
- Switching frequency: 2.5 to 15kHz.
- Overload capacity: 150% for 60sec every 10min, 200% for 3sec every 10min.
- Degree of protection: IP66 or NEMA4X
- Operating temperature: 0 to 40 / 50°C if mounted on top of a self-ventilated WEG motor.
up to 60°C with current derating (2% for each 1°C above 50°C).
- Altitude: 0 to 1000m
up to 4000m with current derating (1% for every 100m above 1000m)
- Humidity: 5 to 90% non-condensing.
- Integrated brake chopper
- Integrated Disconnect Switch as optional
- Built-in PID controller.
- Fits on W21/W22 WEG electric motors
- Soft-PLC
- PTC Input

- I/O connections:

	IOS CUSB	IOD	IOAD	IOR	CCAN CPDP2	CRS232	CRS485	CEMB-TCP CETH-IP	CEPN-IO
Digital inputs	4	8	6	5	2	2	4	2	2
Digital outputs	1	4	3	1	1	1	1	1	1
Relay Outputs	1	1	1	4	1	1	2	1	1
Analog inputs	1	1	3	1	1	1	2	1	1
Analog outputs	1	1	2	1	1	1	1	1	1
RS 485	1	1	1	1	1	1	2	1	1
24 VDC	1	1	1	1	1	1	1	1	1

- Fieldbus:

RS232 WEGbus	RS485 WEGbus	Modbus RTU	Modbus TCP	Profibus DP	Profibus DPV1	Profinet	CANopen	DeviceNet	EtherNet/IP	BACnet
NA	NA	Any plug-in module	CFW500-CEMB- TCP	CFW500-CPDP2	CFW500-CPDP2	CFW500-CEPN-IO	CFW500-CCAN	CFW500-CCAN	CFW500-CETH-IP	NA

Optionals:

- RFI Filter
- Disconnect Switch

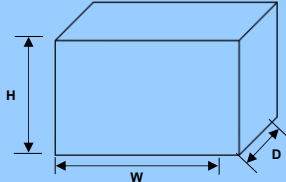
Accessories:

- Remote HMI
- Wall Mounting Kit

Decentralized Variable Speed Drive

Product and Series	Model Identification				Braking	Degree of Protection	Conducted Emission Level	Disconnect Switch	Terminal Box Adaptor	Special Hardware	Special Firmware	Generation
	Frame Size	Rated Current	No. of phases power supply	Rated Voltage								
MW500	B	06P5	T	4	DB	66	C2	DS	A56	-	-	G2
MW500	A	02P1	T = three-phase									
	B	02P9	S = single-phase									
	C	03P4	2 = 200...240V									
		04P3	4 = 380...480V									
		06P0	DB = braking chopper									
		01P3	66 = IP66 / NEMA 4X									
		01P6	Blank = without RFI filter									
		02P0	C2 = according to category 2 of IEC 61800-3 standard									
		02P6	C3 = according to category 3 of IEC 61800-3 standard									
		04P3	Blank = without Disconnect Switch									
		05P2	DS = disconnect Switch									
		06P5	A56 = 56 mm motor terminal box adaptor									
		10P0	A70 = 56 mm motor terminal box adaptor									
		14P0	Blank = 70 or 110 mm motor terminal box adaptor									
		16P0	H00 = standard hardware (without plug-in module)									
			Blank = standard firmware Sx = special firmware Blank = Generation 1 G2 = Generation 2									

- Dimensions and weight (without packaging):

Frame size	Height (mm)	Width (mm)	Depth * (mm)	Weight (kg)	
A	240	161.5	147.1	4.2	
B	269	190	163.5	5.4	
C	304	220.9	193.6	9.1	

* Depth considering standard version without Disconnect Switch

- Frame sizes x Terminal Boxes (IEC)

IEC Frames	80 / 90 / 100	112 / 132	160 / 180
Terminal Box	56 mm	70 mm	110 mm
A	x	x	-
B	x	x	-
C	-	x	x

- Frame sizes x Terminal Boxes (NEMA)

NEMA Frames	143T/154T	182/184T	213T/215T	254T/256T	284T/286T
Terminal Box	56 mm	70 mm		110 mm	
A	x	x	x	-	-
B	x	x	x	-	-
C	-	x	x	x	x

Variable Speed Drives

MW500 - Standard (without plug-in module) - 200~240V & 380~480V

Part Number	Product	Motor Assembly ⁽¹⁾		Wall Assembly ⁽²⁾		Terminal Box Adaptor	Frame Size	Brake Chopper
		Rated Current	Motor ⁽³⁾	Rated Current	Motor ⁽³⁾			
		A	kW	A	kW			
230V - 1AC								
16178116	MW500 A 02P1 S2 DB66A56H00G2	2.8	0.55	2.1	0.37	56 mm	A	Yes
16179226	MW500 A 02P9 S2 DB66A56H00G2	3.8	0.75	2.9	0.55		A	Yes
16179977	MW500 A 03P4 S2 DB66A56H00G2	4.5	1.1	3.4	0.75		A	Yes
16180161	MW500 A 04P3 S2 DB66A56H00G2	5.7	1.1	4.3	1.1		A	Yes
16181822	MW500 A 06P0 S2 DB66A56H00G2	6	1.5	6	1.5		A	Yes
380V - 3AC								
16183051	MW500 A 01P3 T4 DB66A56H00G2	1.7	0.75	1.3	0.37	56 mm	A	Yes
16184290	MW500 A 01P6 T4 DB66A56H00G2	2.1	0.75	1.6	0.37		A	Yes
16184585	MW500 A 02P0 T4 DB66A56H00G2	2.6	1.1	2	0.75		A	Yes
16186025	MW500 A 02P6 T4 DB66A56H00G2	3.4	1.5	2.6	1.1		A	Yes
16186880	MW500 A 04P3 T4 DB66A56H00G2	5.7	2.2	4.3	1.5		A	Yes
16187279	MW500 B 05P2 T4 DB66A56H00G2	6.9	3	5.2	2.2		B	Yes
16187564	MW500 B 06P5 T4 DB66A56H00G2	8.6	4	6.5	2.2		B	Yes
16188332	MW500 B 10P0 T4 DB66A56H00G2	13.3	5.5	10	4		B	Yes

MW500 - Standard with Disconnect Switch (without plug-in module) - 200~240V & 380~480V

230V - 1AC								
16179198	MW500 A 02P1 S2 DB66DSA56H00G2	2.8	0.55	2.1	0.37	56 mm	A	Yes
16179973	MW500 A 02P9 S2 DB66DSA56H00G2	3.8	0.75	2.9	0.55		A	Yes
16180138	MW500 A 03P4 S2 DB66DSA56H00G2	4.5	1.1	3.4	0.75		A	Yes
16181818	MW500 A 04P3 S2 DB66DSA56H00G2	5.7	1.1	4.3	1.1		A	Yes
16182998	MW500 A 06P0 S2 DB66DSA56H00G2	6	1.5	6	1.5		A	Yes
380V - 3AC								
16183242	MW500 A 01P3 T4 DB66DSA56H00G2	1.7	0.75	1.3	0.37	56 mm	A	Yes
16184545	MW500 A 01P6 T4 DB66DSA56H00G2	2.1	0.75	1.6	0.37		A	Yes
16185940	MW500 A 02P0 T4 DB66DSA56H00G2	2.6	1.1	2	0.75		A	Yes
16186824	MW500 A 02P6 T4 DB66DSA56H00G2	3.4	1.5	2.6	1.1		A	Yes
16187189	MW500 A 04P3 T4 DB66DSA56H00G2	5.7	2.2	4.3	1.5		A	Yes
16187430	MW500 B 05P2 T4 DB66DSA56H00G2	6.9	3	5.2	2.2		B	Yes
16188328	MW500 B 06P5 T4 DB66DSA56H00G2	8.6	4	6.5	2.2		B	Yes
16188942	MW500 B 10P0 T4 DB66DSA56H00G2	13.3	5.5	10	4		B	Yes

(1) Ratings considering the MW500 assembled on the self-ventilated motor frame with maximum 40°C surrounding temperature.

(2) Wall ratings considering wall assembly at 40°C or self-ventilated motor assembly with 50°C.

(3) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

Variable Speed Drives

MW500 - RFI Filter (without plug-in module) - 200~240V & 380~480V

Part Number	Product	Motor Assembly ⁽¹⁾		Wall Assembly ⁽²⁾		Terminal Box Adaptor	Frame Size	Brake Chopper
		Rated Current	Motor ⁽³⁾	Rated Current	Motor ⁽³⁾			
		A	kW	A	kW			
230V - 1AC								
16179122	MW500 A 02P1 S2 DB66C2A56H00G2	2.8	0.55	2.1	0.37	56 mm	A	Yes
16179736	MW500 A 02P9 S2 DB66C2A56H00G2	3.8	0.75	2.9	0.55		A	Yes
16180063	MW500 A 03P4 S2 DB66C2A56H00G2	4.5	1.1	3.4	0.75		A	Yes
16180165	MW500 A 04P3 S2 DB66C2A56H00G2	5.7	1.1	4.3	1.1		A	Yes
16181826	MW500 A 06P0 S2 DB66C2A56H00G2	6	1.5	6	1.5		A	Yes
380V - 3AC								
16183130	MW500 A 01P3 T4 DB66C2A56H00G2	1.7	0.75	1.3	0.37	56 mm	A	Yes
16184306	MW500 A 01P6 T4 DB66C2A56H00G2	2.1	0.75	1.6	0.37		A	Yes
16184709	MW500 A 02P0 T4 DB66C2A56H00G2	2.6	1.1	2	0.75		A	Yes
16186059	MW500 A 02P6 T4 DB66C2A56H00G2	3.4	1.5	2.6	1.1		A	Yes
16186887	MW500 A 04P3 T4 DB66C2A56H00G2	5.7	2.2	4.3	1.5		A	Yes
16187338	MW500 B 05P2 T4 DB66C2A56H00G2	6.9	3	5.2	2.2		B	Yes
16187726	MW500 B 06P5 T4 DB66C2A56H00G2	8.6	4	6.5	2.2		B	Yes
16188336	MW500 B 10P0 T4 DB66C2A56H00G2	13.3	5.5	10	4		B	Yes

MW500 - RFI Filter with Disconnect Switch (without plug-in module) - 200~240V & 380~480V

230V - 1AC								
16179150	MW500 A 02P1 S2 DB66C2DSA56H00G2	2.8	0.55	2.1	0.37	56 mm	A	Yes
16179969	MW500 A 02P9 S2 DB66C2DSA56H00G2	3.8	0.75	2.9	0.55		A	Yes
16180132	MW500 A 03P4 S2 DB66C2DSA56H00G2	4.5	1.1	3.4	0.75		A	Yes
16180284	MW500 A 04P3 S2 DB66C2DSA56H00G2	5.7	1.1	4.3	1.1		A	Yes
16181882	MW500 A 06P0 S2 DB66C2DSA56H00G2	6	1.5	6	1.5		A	Yes
380V - 3AC								
16183162	MW500 A 01P3 T4 DB66C2DSA56H00G2	1.7	0.75	1.3	0.37	56 mm	A	Yes
16184422	MW500 A 01P6 T4 DB66C2DSA56H00G2	2.1	0.75	1.6	0.37		A	Yes
16185511	MW500 A 02P0 T4 DB66C2DSA56H00G2	2.6	1.1	2	0.75		A	Yes
16186727	MW500 A 02P6 T4 DB66C2DSA56H00G2	3.4	1.5	2.6	1.1		A	Yes
16187000	MW500 A 04P3 T4 DB66C2DSA56H00G2	5.7	2.2	4.3	1.5		A	Yes
16187346	MW500 B 05P2 T4 DB66C2DSA56H00G2	6.9	3	5.2	2.2		B	Yes
16187783	MW500 B 06P5 T4 DB66C2DSA56H00G2	8.6	4	6.5	2.2		B	Yes
16188852	MW500 B 10P0 T4 DB66C2DSA56H00G2	13.3	5.5	10	4		B	Yes

(1) Ratings considering the MW500 assembled on the self-ventilated motor frame with maximum 40°C surrounding temperature.

(2) Wall ratings considering wall assembly at 40°C or self-ventilated motor assembly with 50°C.

(3) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

Variable Speed Drives

MW500 - Standard (with IOS plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Motor Assembly ⁽¹⁾		Wall Assembly ⁽²⁾		Terminal Box Adaptor	Frame Size	Brake Chopper
		Rated Current	Motor ⁽³⁾	Rated Current	Motor ⁽³⁾			
		A	kW	A	kW			
230V - 1AC								
16178114	MW500 A 02P1 S2 DB66A56G2	2.8	0.55	2.1	0.37	56 mm	A	Yes
16179223	MW500 A 02P9 S2 DB66A56G2	3.8	0.75	2.9	0.55		A	Yes
16179976	MW500 A 03P4 S2 DB66A56G2	4.5	1.1	3.4	0.75		A	Yes
16180158	MW500 A 04P3 S2 DB66A56G2	5.7	1.1	4.3	1.1		A	Yes
16181821	MW500 A 06P0 S2 DB66A56G2	6	1.5	6	1.5		A	Yes
380V - 3AC								
16183048	MW500 A 01P3 T4 DB66A56G2	1.7	0.75	1.3	0.37	56 mm	A	Yes
16184289	MW500 A 01P6 T4 DB66A56G2	2.1	0.75	1.6	0.37		A	Yes
16184583	MW500 A 02P0 T4 DB66A56G2	2.6	1.1	2	0.75		A	Yes
16186024	MW500 A 02P6 T4 DB66A56G2	3.4	1.5	2.6	1.1		A	Yes
16186879	MW500 A 04P3 T4 DB66A56G2	5.7	2.2	4.3	1.5		A	Yes
16187195	MW500 B 05P2 T4 DB66A56G2	6.9	3	5.2	2.2		B	Yes
16187434	MW500 B 06P5 T4 DB66A56G2	8.6	4	6.5	2.2		B	Yes
16188331	MW500 B 10P0 T4 DB66A56G2	13.3	5.5	10	4		B	Yes

MW500 - Standard with Disconnect Switch (with IOS plug-in module built-in) - 200~240V & 380~480V

230V - 1AC								
16179156	MW500 A 02P1 S2 DB66DSA56G2	2.8	0.55	2.1	0.37	56 mm	A	Yes
16179972	MW500 A 02P9 S2 DB66DSA56G2	3.8	0.75	2.9	0.55		A	Yes
16180137	MW500 A 03P4 S2 DB66DSA56G2	4.5	1.1	3.4	0.75		A	Yes
16180353	MW500 A 04P3 S2 DB66DSA56G2	5.7	1.1	4.3	1.1		A	Yes
16182301	MW500 A 06P0 S2 DB66DSA56G2	6	1.5	6	1.5		A	Yes
380V - 3AC								
16183241	MW500 A 01P3 T4 DB66DSA56G2	1.7	0.75	1.3	0.37	56 mm	A	Yes
16184460	MW500 A 01P6 T4 DB66DSA56G2	2.1	0.75	1.6	0.37		A	Yes
16185938	MW500 A 02P0 T4 DB66DSA56G2	2.6	1.1	2	0.75		A	Yes
16186820	MW500 A 02P6 T4 DB66DSA56G2	3.4	1.5	2.6	1.1		A	Yes
16186917	MW500 A 04P3 T4 DB66DSA56G2	5.7	2.2	4.3	1.5		A	Yes
16187429	MW500 B 05P2 T4 DB66DSA56G2	6.9	3	5.2	2.2		B	Yes
16188177	MW500 B 06P5 T4 DB66DSA56G2	8.6	4	6.5	2.2		B	Yes
16188939	MW500 B 10P0 T4 DB66DSA56G2	13.3	5.5	10	4		B	Yes

(1) Ratings considering the MW500 assembled on the self-ventilated motor frame with maximum 40°C surrounding temperature.

(2) Wall ratings considering wall assembly at 40°C or self-ventilated motor assembly with 50°C.

(3) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

Variable Speed Drives

MW500 - RFI Filter (with IOS plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Motor Assembly ⁽¹⁾		Wall Assembly ⁽²⁾		Terminal Box Adaptor	Frame Size	Brake Chopper
		Rated Current	Motor ⁽³⁾	Rated Current	Motor ⁽³⁾			
		A	kW	A	kW			
230V - 1AC								
16179121	MW500 A 02P1 S2 DB66C2A56G2	2.8	0.55	2.1	0.37	56 mm	A	Yes
16179734	MW500 A 02P9 S2 DB66C2A56G2	3.8	0.75	2.9	0.55		A	Yes
16180061	MW500 A 03P4 S2 DB66C2A56G2	4.5	1.1	3.4	0.75		A	Yes
16180164	MW500 A 04P3 S2 DB66C2A56G2	5.7	1.1	4.3	1.1		A	Yes
16181825	MW500 A 06P0 S2 DB66C2A56G2	6	1.5	6	1.5		A	Yes
380V - 3AC								
16183056	MW500 A 01P3 T4 DB66C2A56G2	1.7	0.75	1.3	0.37	56 mm	A	Yes
16184300	MW500 A 01P6 T4 DB66C2A56G2	2.1	0.75	1.6	0.37		A	Yes
16184644	MW500 A 02P0 T4 DB66C2A56G2	2.6	1.1	2	0.75		A	Yes
16186058	MW500 A 02P6 T4 DB66C2A56G2	3.4	1.5	2.6	1.1		A	Yes
16186885	MW500 A 04P3 T4 DB66C2A56G2	5.7	2.2	4.3	1.5		A	Yes
16187287	MW500 B 05P2 T4 DB66C2A56G2	6.9	3	5.2	2.2		B	Yes
16187724	MW500 B 06P5 T4 DB66C2A56G2	8.6	4	6.5	2.2		B	Yes
16188335	MW500 B 10P0 T4 DB66C2A56G2	13.3	5.5	10	4		B	Yes

MW500 - RFI Filter with Disconnect Switch (with IOS plug-in module built-in) - 200~240V & 380~480V

230V - 1AC								
16179148	MW500 A 02P1 S2 DB66C2DSA56G2	2.8	0.55	2.1	0.37	56 mm	A	Yes
16179897	MW500 A 02P9 S2 DB66C2DSA56G2	3.8	0.75	2.9	0.55		A	Yes
16180129	MW500 A 03P4 S2 DB66C2DSA56G2	4.5	1.1	3.4	0.75		A	Yes
16180281	MW500 A 04P3 S2 DB66C2DSA56G2	5.7	1.1	4.3	1.1		A	Yes
16181881	MW500 A 06P0 S2 DB66C2DSA56G2	6	1.5	6	1.5		A	Yes
380V - 3AC								
16183160	MW500 A 01P3 T4 DB66C2DSA56G2	1.7	0.75	1.3	0.37	56 mm	A	Yes
16184358	MW500 A 01P6 T4 DB66C2DSA56G2	2.1	0.75	1.6	0.37		A	Yes
16184717	MW500 A 02P0 T4 DB66C2DSA56G2	2.6	1.1	2	0.75		A	Yes
16186725	MW500 A 02P6 T4 DB66C2DSA56G2	3.4	1.5	2.6	1.1		A	Yes
16186998	MW500 A 04P3 T4 DB66C2DSA56G2	5.7	2.2	4.3	1.5		A	Yes
16187344	MW500 B 05P2 T4 DB66C2DSA56G2	6.9	3	5.2	2.2		B	Yes
16187782	MW500 B 06P5 T4 DB66C2DSA56G2	8.6	4	6.5	2.2		B	Yes
16188850	MW500 B 10P0 T4 DB66C2DSA56G2	13.3	5.5	10	4		B	Yes

(1) Ratings considering the MW500 assembled on the self-ventilated motor frame with maximum 40°C surrounding temperature.

(2) Wall ratings considering wall assembly at 40°C or self-ventilated motor assembly with 50°C.

(3) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

Variable Speed Drives

MW500 - Standard (without plug-in module) - 200~240V & 380~480V

Part Number	Product	Motor Assembly ⁽¹⁾		Wall Assembly ⁽²⁾		Terminal Box Adaptor	Frame Size	Brake Chopper
		Rated Current	Motor ⁽³⁾	Rated Current	Motor ⁽³⁾			
		A	kW	A	kW			
230V - 1AC								
16179119	MW500 A 02P1 S2 DB66A70H00G2	2.8	0.55	2.1	0.37	70 mm	A	Yes
16179731	MW500 A 02P9 S2 DB66A70H00G2	3.8	0.75	2.9	0.55		A	Yes
16180059	MW500 A 03P4 S2 DB66A70H00G2	4.5	1.1	3.4	0.75		A	Yes
16180163	MW500 A 04P3 S2 DB66A70H00G2	5.7	1.1	4.3	1.1		A	Yes
16181824	MW500 A 06P0 S2 DB66A70H00G2	6	1.5	6	1.5		A	Yes
380V - 1AC								
16183055	MW500 A 01P3 T4 DB66A70H00G2	1.7	0.75	1.3	0.37	70 mm	A	Yes
16184296	MW500 A 01P6 T4 DB66A70H00G2	2.1	0.75	1.6	0.37		A	Yes
16184640	MW500 A 02P0 T4 DB66A70H00G2	2.6	1.1	2	0.75		A	Yes
16186027	MW500 A 02P6 T4 DB66A70H00G2	3.4	1.5	2.6	1.1		A	Yes
16186883	MW500 A 04P3 T4 DB66A70H00G2	5.7	2.2	4.3	1.5		A	Yes
16187286	MW500 B 05P2 T4 DB66A70H00G2	6.9	3	5.2	2.2		B	Yes
16187723	MW500 B 06P5 T4 DB66A70H00G2	8.6	4	6.5	2.2		B	Yes
16188334	MW500 B 10P0 T4 DB66A70H00G2	13.3	5.5	10	4		B	Yes
16189463	MW500 C 14P0 T4 DB66H00G2	16.5	7.5	14	5.5	70 / 110 mm	C	Yes
16189706	MW500 C 16P0 T4 DB66H00G2	19.2	9.2	16	7.5		C	Yes

MW500 - Standard with Disconnect Switch (without plug-in module) - 200~240V & 380~480V

230V - 1AC								
16179207	MW500 A 02P1 S2 DB66DSA70H00G2	2.8	0.55	2.1	0.37	70 mm	A	Yes
16179975	MW500 A 02P9 S2 DB66DSA70H00G2	3.8	0.75	2.9	0.55		A	Yes
16180143	MW500 A 03P4 S2 DB66DSA70H00G2	4.5	1.1	3.4	0.75		A	Yes
16181820	MW500 A 04P3 S2 DB66DSA70H00G2	5.7	1.1	4.3	1.1		A	Yes
16183001	MW500 A 06P0 S2 DB66DSA70H00G2	6	1.5	6	1.5		A	Yes
380V - 1AC								
16183300	MW500 A 01P3 T4 DB66DSA70H00G2	1.7	0.75	1.3	0.37	70 mm	A	Yes
16184582	MW500 A 01P6 T4 DB66DSA70H00G2	2.1	0.75	1.6	0.37		A	Yes
16186022	MW500 A 02P0 T4 DB66DSA70H00G2	2.6	1.1	2	0.75		A	Yes
16186878	MW500 A 02P6 T4 DB66DSA70H00G2	3.4	1.5	2.6	1.1		A	Yes
16187193	MW500 A 04P3 T4 DB66DSA70H00G2	5.7	2.2	4.3	1.5		A	Yes
16187433	MW500 B 05P2 T4 DB66DSA70H00G2	6.9	3	5.2	2.2		B	Yes
16188330	MW500 B 06P5 T4 DB66DSA70H00G2	8.6	4	6.5	2.2		B	Yes
16189093	MW500 B 10P0 T4 DB66DSA70H00G2	13.3	5.5	10	4		B	Yes
16189462	MW500 C 14P0 T4 DB66DSH00G2	16.5	7.5	14	5.5	70 / 110 mm	C	Yes
16189705	MW500 C 16P0 T4 DB66DSH00G2	19.2	9.2	16	7.5		C	Yes

(1) Ratings considering the MW500 assembled on the self-ventilated motor frame with maximum 40°C surrounding temperature.

(2) Wall ratings considering wall assembly at 40°C or self-ventilated motor assembly with 50°C.

(3) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

Variable Speed Drives

MW500 - RFI Filter (without plug-in module) - 200~240V & 380~480V

Part Number	Product	Motor Assembly ⁽¹⁾		Wall Assembly ⁽²⁾		Terminal Box Adaptor	Frame Size	Brake Chopper
		Rated Current	Motor ⁽³⁾	Rated Current	Motor ⁽³⁾			
		A	kW	A	kW			
230V - 1AC								
16179125	MW500 A 02P1 S2 DB66C2A70H00G2	2.8	0.55	2.1	0.37	70 mm	A	Yes
16179896	MW500 A 02P9 S2 DB66C2A70H00G2	3.8	0.75	2.9	0.55		A	Yes
16180128	MW500 A 03P4 S2 DB66C2A70H00G2	4.5	1.1	3.4	0.75		A	Yes
16180280	MW500 A 04P3 S2 DB66C2A70H00G2	5.7	1.1	4.3	1.1		A	Yes
16181880	MW500 A 06P0 S2 DB66C2A70H00G2	6	1.5	6	1.5		A	Yes
380V - 3AC								
16183158	MW500 A 01P3 T4 DB66C2A70H00G2	1.7	0.75	1.3	0.37	70 mm	A	Yes
16184323	MW500 A 01P6 T4 DB66C2A70H00G2	2.1	0.75	1.6	0.37		A	Yes
16184716	MW500 A 02P0 T4 DB66C2A70H00G2	2.6	1.1	2	0.75		A	Yes
16186723	MW500 A 02P6 T4 DB66C2A70H00G2	3.4	1.5	2.6	1.1		A	Yes
16186955	MW500 A 04P3 T4 DB66C2A70H00G2	5.7	2.2	4.3	1.5		A	Yes
16187342	MW500 B 05P2 T4 DB66C2A70H00G2	6.9	3	5.2	2.2		B	Yes
16187780	MW500 B 06P5 T4 DB66C2A70H00G2	8.6	4	6.5	2.2		B	Yes
16188848	MW500 B 10P0 T4 DB66C2A70H00G2	13.3	5.5	10	4		B	Yes
16189459	MW500 C 14P0 T4 DB66C2H00G2	16.5	7.5	14	5.5	70 / 110 mm	C	Yes
16189703	MW500 C 16P0 T4 DB66C2H00G2	19.2	9.2	16	7.5		C	Yes

MW500 - RFI Filter with Disconnect Switch (without plug-in module) - 200~240V & 380~480V

230V - 1AC								
16179154	MW500 A 02P1 S2 DB66C2DSA70H00G2	2.8	0.55	2.1	0.37	70 mm	A	Yes
16179971	MW500 A 02P9 S2 DB66C2DSA70H00G2	3.8	0.75	2.9	0.55		A	Yes
16180135	MW500 A 03P4 S2 DB66C2DSA70H00G2	4.5	1.1	3.4	0.75		A	Yes
16180287	MW500 A 04P3 S2 DB66C2DSA70H00G2	5.7	1.1	4.3	1.1		A	Yes
16182097	MW500 A 06P0 S2 DB66C2DSA70H00G2	6	1.5	6	1.5		A	Yes
380V - 3AC								
16183240	MW500 A 01P3 T4 DB66C2DSA70H00G2	1.7	0.75	1.3	0.37	70 mm	A	Yes
16184459	MW500 A 01P6 T4 DB66C2DSA70H00G2	2.1	0.75	1.6	0.37		A	Yes
16185882	MW500 A 02P0 T4 DB66C2DSA70H00G2	2.6	1.1	2	0.75		A	Yes
16186819	MW500 A 02P6 T4 DB66C2DSA70H00G2	3.4	1.5	2.6	1.1		A	Yes
16186915	MW500 A 04P3 T4 DB66C2DSA70H00G2	5.7	2.2	4.3	1.5		A	Yes
16187428	MW500 B 05P2 T4 DB66C2DSA70H00G2	6.9	3	5.2	2.2		B	Yes
16188175	MW500 B 06P5 T4 DB66C2DSA70H00G2	8.6	4	6.5	2.2		B	Yes
16188938	MW500 B 10P0 T4 DB66C2DSA70H00G2	13.3	5.5	10	4		B	Yes
16189458	MW500 C 14P0 T4 DB66C2DSH00G2	16.5	7.5	14	5.5	70 / 110 mm	C	Yes
16189702	MW500 C 16P0 T4 DB66C2DSH00G2	19.2	9.2	16	7.5		C	Yes

(1) Ratings considering the MW500 assembled on the self-ventilated motor frame with maximum 40°C surrounding temperature.

(2) Wall ratings considering wall assembly at 40°C or self-ventilated motor assembly with 50°C.

(3) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

Variable Speed Drives

MW500 - Standard (with IOS plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Motor Assembly ⁽¹⁾		Wall Assembly ⁽²⁾		Terminal Box Adaptor	Frame Size	Brake Chopper
		Rated Current	Motor ⁽³⁾	Rated Current	Motor ⁽³⁾			
		A	kW	A	kW			
230V - 1AC								
16179076	MW500 A 02P1 S2 DB66A70G2	2.8	0.55	2.1	0.37	70 mm	A	Yes
16179729	MW500 A 02P9 S2 DB66A70G2	3.8	0.75	2.9	0.55		A	Yes
16180058	MW500 A 03P4 S2 DB66A70G2	4.5	1.1	3.4	0.75		A	Yes
16180162	MW500 A 04P3 S2 DB66A70G2	5.7	1.1	4.3	1.1		A	Yes
16181823	MW500 A 06P0 S2 DB66A70G2	6	1.5	6	1.5		A	Yes
380V - 3AC								
16183053	MW500 A 01P3 T4 DB66A70G2	1.7	0.75	1.3	0.37	70 mm	A	Yes
16184292	MW500 A 01P6 T4 DB66A70G2	2.1	0.75	1.6	0.37		A	Yes
16184639	MW500 A 02P0 T4 DB66A70G2	2.6	1.1	2	0.75		A	Yes
16186026	MW500 A 02P6 T4 DB66A70G2	3.4	1.5	2.6	1.1		A	Yes
16186881	MW500 A 04P3 T4 DB66A70G2	5.7	2.2	4.3	1.5		A	Yes
16187282	MW500 B 05P2 T4 DB66A70G2	6.9	3	5.2	2.2		B	Yes
16187721	MW500 B 06P5 T4 DB66A70G2	8.6	4	6.5	2.2		B	Yes
16188333	MW500 B 10P0 T4 DB66A70G2	13.3	5.5	10	4		B	Yes
16189420	MW500 C 14P0 T4 DB66G2	16.5	7.5	14	5.5	70 / 110	C	Yes
16189698	MW500 C 16P0 T4 DB66G2	19.2	9.2	16	7.5	mm	C	Yes

MW500 - Standard with Disconnect Switch (with IOS plug-in module built-in) - 200~240V & 380~480V

230V - 1AC								
16179203	MW500 A 02P1 S2 DB66DSA70G2	2.8	0.55	2.1	0.37	70 mm	A	Yes
16179974	MW500 A 02P9 S2 DB66DSA70G2	3.8	0.75	2.9	0.55		A	Yes
16180140	MW500 A 03P4 S2 DB66DSA70G2	4.5	1.1	3.4	0.75		A	Yes
16181819	MW500 A 04P3 S2 DB66DSA70G2	5.7	1.1	4.3	1.1		A	Yes
16182999	MW500 A 06P0 S2 DB66DSA70G2	6	1.5	6	1.5		A	Yes
380V - 3AC								
16183245	MW500 A 01P3 T4 DB66DSA70G2	1.7	0.75	1.3	0.37	70 mm	A	Yes
16184547	MW500 A 01P6 T4 DB66DSA70G2	2.1	0.75	1.6	0.37		A	Yes
16185943	MW500 A 02P0 T4 DB66DSA70G2	2.6	1.1	2	0.75		A	Yes
16186826	MW500 A 02P6 T4 DB66DSA70G2	3.4	1.5	2.6	1.1		A	Yes
16187191	MW500 A 04P3 T4 DB66DSA70G2	5.7	2.2	4.3	1.5		A	Yes
16187432	MW500 B 05P2 T4 DB66DSA70G2	6.9	3	5.2	2.2		B	Yes
16188329	MW500 B 06P5 T4 DB66DSA70G2	8.6	4	6.5	2.2		B	Yes
16189091	MW500 B 10P0 T4 DB66DSA70G2	13.3	5.5	10	4		B	Yes
16189461	MW500 C 14P0 T4 DB66DSG2	16.5	7.5	14	5.5	70 / 110 mm	C	Yes
16189704	MW500 C 16P0 T4 DB66DSG2	19.2	9.2	16	7.5		C	Yes

(1) Ratings considering the MW500 assembled on the self-ventilated motor frame with maximum 40°C surrounding temperature.

(2) Wall ratings considering wall assembly at 40°C or self-ventilated motor assembly with 50°C.

(3) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

Variable Speed Drives

MW500 - RFI Filter (with IOS plug-in module built-in) - 200~240V & 380~480V

Part Number	Product	Motor Assembly ⁽¹⁾		Wall Assembly ⁽²⁾		Terminal Box Adaptor	Frame Size	Brake Chopper
		Rated Current	Motor ⁽³⁾	Rated Current	Motor ⁽³⁾			
		A	kW	A	kW			
230V - 1AC								
16179123	MW500 A 02P1 S2 DB66C2A70G2	2.8	0.55	2.1	0.37	70 mm	A	Yes
16179890	MW500 A 02P9 S2 DB66C2A70G2	3.8	0.75	2.9	0.55		A	Yes
16180065	MW500 A 03P4 S2 DB66C2A70G2	4.5	1.1	3.4	0.75		A	Yes
16180166	MW500 A 04P3 S2 DB66C2A70G2	5.7	1.1	4.3	1.1		A	Yes
16181878	MW500 A 06P0 S2 DB66C2A70G2	6	1.5	6	1.5		A	Yes
380V - 3AC								
16183135	MW500 A 01P3 T4 DB66C2A70G2	1.7	0.75	1.3	0.37	70 mm	A	Yes
16184320	MW500 A 01P6 T4 DB66C2A70G2	2.1	0.75	1.6	0.37		A	Yes
16184714	MW500 A 02P0 T4 DB66C2A70G2	2.6	1.1	2	0.75		A	Yes
16186061	MW500 A 02P6 T4 DB66C2A70G2	3.4	1.5	2.6	1.1		A	Yes
16186954	MW500 A 04P3 T4 DB66C2A70G2	5.7	2.2	4.3	1.5		A	Yes
16187340	MW500 B 05P2 T4 DB66C2A70G2	6.9	3	5.2	2.2		B	Yes
16187779	MW500 B 06P5 T4 DB66C2A70G2	8.6	4	6.5	2.2		B	Yes
16188827	MW500 B 10P0 T4 DB66C2A70G2	13.3	5.5	10	4		B	Yes
16189426	MW500 C 14P0 T4 DB66C2G2	16.5	7.5	14	5.5	70 / 110 mm	C	Yes
16189700	MW500 C 16P0 T4 DB66C2G2	19.2	9.2	16	7.5		C	Yes

MW500 - RFI Filter with Disconnect Switch (with IOS plug-in module built-in) - 200~240V & 380~480V

230V - 1AC								
16179153	MW500 A 02P1 S2 DB66C2DSA70G2	2.8	0.55	2.1	0.37	70 mm	A	Yes
16179970	MW500 A 02P9 S2 DB66C2DSA70G2	3.8	0.75	2.9	0.55		A	Yes
16180133	MW500 A 03P4 S2 DB66C2DSA70G2	4.5	1.1	3.4	0.75		A	Yes
16180286	MW500 A 04P3 S2 DB66C2DSA70G2	5.7	1.1	4.3	1.1		A	Yes
16181883	MW500 A 06P0 S2 DB66C2DSA70G2	6	1.5	6	1.5		A	Yes
380V - 3AC								
16183165	MW500 A 01P3 T4 DB66C2DSA70G2	1.7	0.75	1.3	0.37	70 mm	A	Yes
16184427	MW500 A 01P6 T4 DB66C2DSA70G2	2.1	0.75	1.6	0.37		A	Yes
16185515	MW500 A 02P0 T4 DB66C2DSA70G2	2.6	1.1	2	0.75		A	Yes
16186818	MW500 A 02P6 T4 DB66C2DSA70G2	3.4	1.5	2.6	1.1		A	Yes
16186913	MW500 A 04P3 T4 DB66C2DSA70G2	5.7	2.2	4.3	1.5		A	Yes
16187347	MW500 B 05P2 T4 DB66C2DSA70G2	6.9	3	5.2	2.2		B	Yes
16188174	MW500 B 06P5 T4 DB66C2DSA70G2	8.6	4	6.5	2.2		B	Yes
16188853	MW500 B 10P0 T4 DB66C2DSA70G2	13.3	5.5	10	4		B	Yes
16189427	MW500 C 14P0 T4 DB66C2DSG2	16.5	7.5	14	5.5	70 / 110 mm	C	Yes
16189701	MW500 C 16P0 T4 DB66C2DSG2	19.2	9.2	16	7.5		C	Yes

(1) Ratings considering the MW500 assembled on the self-ventilated motor frame with maximum 40°C surrounding temperature.

(2) Wall ratings considering wall assembly at 40°C or self-ventilated motor assembly with 50°C.

(3) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

Variable Speed Drives

MW500 - Accessories

Part Number	Product	Description
14741859	CFW500-IOS	IOS standard I/O expansion module
14742006	CFW500-IOD	IOD expansion module
14742129	CFW500-IOAD	IOAD expansion module
14968050	CFW500-IOR-B	IOR expansion module
14742001	CFW500-CUSB	USB communication module + Cable
14741999	CFW500-CCAN	CAN interface module (CANopen/DeviceNet)
14742005	CFW500-CRS232	RS-232 serial communication module (Modbus-RTU)
15353140	CFW500-CRS485-B	RS-485 serial communication module (Modbus-RTU)
12443605	CFW500-CPDP2	Profibus DP & DP-V1 interface module (terminal block connector)
12892815	CFW500-CEMB-TCP	Modbus TCP communication module
12892816	CFW500-CEPN-IO	Profinet/IO communication module
12892814	CFW500-CETH-IP	Ethernet/IP communication module
15560296	CFW500-SFY2	Safety Functions Module - STO and SS1-t (for MW500 G2 version)
11636485	CFW500-MMF	Flash memory module
11833992	CFW500-HMIR	Remote keypad
15578295	HMI-01	Alphanumeric remote HMI for MW500 G2 (for MW500 G2 version)
13929707	MW500-CCHMIR02M	2m (6.6ft) remote keypad cable (M8-DB9 connectors)
12330016	CFW500-CCHMIR01M	1m (3.3ft) remote keypad cable
12330459	CFW500-CCHMIR02M	2m (6.6ft) remote keypad cable
12330460	CFW500-CCHMIR03M	3m (10ft) remote keypad cable
12330461	CFW500-CCHMIR05M	5m (16ft) remote keypad cable
12330462	CFW500-CCHMIR75M	7.5m (25ft) remote keypad cable
12330463	CFW500-CCHMIR10M	10m (33ft) remote keypad cable
13100469	MW500-KCFA-CL56	Wall Mounting Kit - Frame size A - 56mm terminal box
13100470	MW500-KCFA-CL70	Wall Mounting Kit - Frame size A - 70mm terminal box
12362338	MW500-KCFB-CL56	Wall Mounting Kit - Frame size B - 56mm terminal box
13100468	MW500-KCFB-CL70	Wall Mounting Kit - Frame size B - 70mm terminal box
14142303	MW500-KCFC-CL70/110	Wall Mounting Kit - Frame size C
12778122	MW500-KAIM-A56	56mm terminal box Adaptor kit for frame size A
13185989	MW500-KAIM-A70	70mm terminal box Adaptor kit for frame size A
12778123	MW500-KAIM-B56	56mm terminal box Adaptor kit for frame size B
12778124	MW500-KAIM-B70	70mm terminal box Adaptor kit for frame size B

The Soft Starter SSW-07 series has been developed on the matter of achieving the best cost-benefit ratio, the SSW07 applied for heavy duty applications

SSW07 for Heavy Duty Applications

- Stone Crusher
- Centrifuge
- Wood Chipper
- Wood Slicing machine
- Conveyor
- Axial and Centrifugal Fan
- Ball Mill (Ceramic)
- Hammer Mill



- Certifications:  

Technical data:

- Voltage range: 220-575 Vac for three-phase power supply
- Current range/power: up to 412 Amps / 300kW (450HP)
- Power range: up to 110kW @ 230Vac, 220kW @ 400Vac and 300kW @ 525Vac.
- Overload capacity:
 - SSW07:
 - SSW08:
- Degree of protection: IP20 (up to 85A) and IP00 (130A and above)
- Operating temperature: 0 to 55°C
- Altitude: 0 to 1000m
 - up to 4000m with current reduction (1% for every 100m above 1000m)
- Built-in By-pass
- Control features:
 - Pump Control system
 - Voltage Ramp Control
 - Voltage Kick Start
 - Current Limit
- I/O connections:
 - 3 Isolated digital inputs
 - 2 Outputs relays with NO contacts, 240 V / 1 A, programmable functions

- Fieldbus:

RS232 Modbus RTU	RS485 Modbus RTU	Modbus TCP	Profibus DPV1	Profinet	CANopen	DeviceNet	EtherNet/IP	BACnet
KRS-232 SSW07/08	KRS-485 SSW07/08	NA	NA	NA	NA	KFB-DN SSW07/08	NA	NA

Accessories:

- Remote HMI
- IP20 protections
- I/Os Expansions
- PT100 transducer

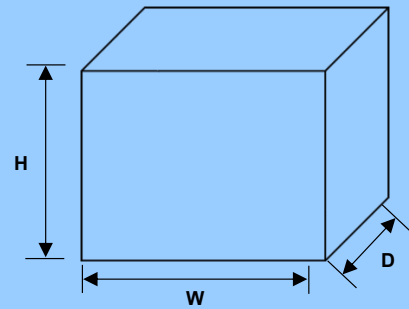
SSW07

General Purpose Soft- Starter

Product and Series	Model Identification					Special hardware version	Special software version	End of code
	Rated current (A)	Power supply	Rated voltage	Product version	Degree of protection			
SSW0x	0085	T	5	S	-	-	-	Z
SSW07 or SSW08	17	T = Three-phase	5 = 220...575Vac					
	24							
	30	S = Standard						
	45	O = with additional option						
	61	Blank = Standard version						
	85	IP = IP20 for models from 130A up to 412A						
	130	Blank = Standard version						
	171	H1 = Electronic Supply 110...130Vac (frame size 4)						
	200	H2 = Electronic Supply 208...240Vac (frame size 4)						
	255	Blank = Standard version						
	312	Sx = Optional version x (S1...Sn)						
	365	Z = End of coding						
	412							

- Dimensions and weight (without packaging):

Frame size	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
1	162	95	157	1.3
2	209	141	202	3.3
3	276	218	220	7.6
4	331	227	242	11.5



Soft Starters

SSW07 - Heavy Duty Starter - 200~575V

Part Number	Product	Rated Current	Motor ⁽¹⁾	Frame Size	Max. ⁽²⁾ Temp.
		A	kW		
230V - 3AC					
10194170	SSW07 0017 T5 SZ	17	4	1	55°C
10194171	SSW07 0024 T5 SZ	24	5.5	1	55°C
10194172	SSW07 0030 T5 SZ	30	7.5	1	55°C
10194173	SSW07 0045 T5 SZ	45	11	2	55°C
10194174	SSW07 0061 T5 SZ	61	15	2	55°C
10194175	SSW07 0085 T5 SZ	85	22	2	55°C
10194176	SSW07 0130 T5 SZ	130	37	3	55°C
10233130	SSW07 0171 T5 SZ	171	45	3	55°C
10233131	SSW07 0200 T5 SZ	200	55	3	55°C
11043354	SSW07 0255 T5 SH1Z*	255	75	4	55°C
11043356	SSW07 0312 T5 SH1Z*	312	90	4	55°C
11043368	SSW07 0365 T5 SH1Z*	365	110	4	55°C
11043370	SSW07 0412 T5 SH1Z*	412	132	4	55°C
11043355	SSW07 0255 T5 SH2Z*	255	75	4	55°C
11043357	SSW07 0312 T5 SH2Z*	312	90	4	55°C
11043369	SSW07 0365 T5 SH2Z*	365	110	4	55°C
11043371	SSW07 0412 T5 SH2Z*	412	132	4	55°C
380V - 3AC					
10194170	SSW07 0017 T5 SZ	17	7.5	1	55°C
10194171	SSW07 0024 T5 SZ	24	11	1	55°C
10194172	SSW07 0030 T5 SZ	30	11	1	55°C
10194173	SSW07 0045 T5 SZ	45	22	2	55°C
10194174	SSW07 0061 T5 SZ	61	30	2	55°C
10194175	SSW07 0085 T5 SZ	85	45	2	55°C
10194176	SSW07 0130 T5 SZ	130	55	3	55°C
10233130	SSW07 0171 T5 SZ	171	90	3	55°C
10233131	SSW07 0200 T5 SZ	200	90	3	55°C
11043354	SSW07 0255 T5 SH1Z*	255	132	4	55°C
11043356	SSW07 0312 T5 SH1Z*	312	150	4	55°C
11043368	SSW07 0365 T5 SH1Z*	365	185	4	55°C
11043370	SSW07 0412 T5 SH1Z*	412	220	4	55°C
11043355	SSW07 0255 T5 SH2Z*	255	132	4	55°C
11043357	SSW07 0312 T5 SH2Z*	312	150	4	55°C
11043369	SSW07 0365 T5 SH2Z*	365	185	4	55°C
11043371	SSW07 0412 T5 SH2Z*	412	220	4	55°C
525V - 3AC					
10194170	SSW07 0017 T5 SZ	17	11	1	55°C
10194171	SSW07 0024 T5 SZ	24	15	1	55°C
10194172	SSW07 0030 T5 SZ	30	18.5	1	55°C
10194173	SSW07 0045 T5 SZ	45	30	2	55°C
10194174	SSW07 0061 T5 SZ	61	37	2	55°C
10194175	SSW07 0085 T5 SZ	85	55	2	55°C
10194176	SSW07 0130 T5 SZ	130	90	3	55°C
10233130	SSW07 0171 T5 SZ	171	110	3	55°C
10233131	SSW07 0200 T5 SZ	200	132	3	55°C
11043354	SSW07 0255 T5 SH1Z*	255	185	4	55°C
11043356	SSW07 0312 T5 SH1Z*	312	220	4	55°C
11043368	SSW07 0365 T5 SH1Z*	365	260	4	55°C
11043370	SSW07 0412 T5 SH1Z*	412	300	4	55°C
11043355	SSW07 0255 T5 SH2Z*	255	185	4	55°C
11043357	SSW07 0312 T5 SH2Z*	312	220	4	55°C
11043369	SSW07 0365 T5 SH2Z*	365	260	4	55°C
11043371	SSW07 0412 T5 SH2Z*	412	300	4	55°C

* H1 = 115V Ventilation / H2 = 230V Ventilation

90~230V Control power supply required

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

Soft Starters

SSW07 Accessories

Part Number	Product	Description
Keypad Accesories		
10935572	HMI - Local - SSW07/08	Keypad
10935649	HMI - Remote - SSW07	Remote Keypad Kit (HMI + MIS) - SSW07
10885878	HMI - Remote - SSW08	Remote Keypad Kit (HMI + MIS) - SSW08
12368331	HMI-SSW07-REM+RS485	Remote Keypad Kit (HMI + RS485) - SSW07
12368332	HMI-SSW08-REM+RS485	Remote Keypad Kit (HMI + RS485) - SSW08
Cables for HMI		
10050268	CAB-RS-1	Cable for Serial Keypad - 1m
10190951	CAB-RS-2	Cable for Serial Keypad - 2m
10211478	CAB-RS-3	Cable for Serial Keypad - 3m
10715777	CAB-RS-5	Cable for Serial Keypad - 5m
10050302	CAB-RS-7.5	Cable for Serial Keypad - 7.5m
10191029	CAB-RS-10	Cable for Serial Keypad - 10m
Communication		
10935578	KRS - 232 - SSW07/08	RS-232 Communication Kit
10935573	KRS - 485 - SSW07/08	RS-485 Communication Kit
10935681	KFB-DN SSW07/08	DeviceNet Communication Kit + Remote HMI Connection
Cables for Communication		
10050328	CAB-RS-3	Cable for Communication RS232 (DB9-DB9) - 3 m
10191117	CAB-RS-10	Cable for Communication RS232 (DB9-DB9) - 10 m
Ventilation Kit		
10935650	Ventilation Kit M2	Ventilation Kit M2 (45 to 85 A)
10935559	Ventilation Kit M3	Ventilation Kit M3 (130 to 200 A)
PTC Kit		
10935663	Kit PTC SSW07/08 Motor	PTC Kit for motor
IP20 Kit		
10935651	SSW0708900-IP20-3C	IP20 Kit for M3 (130 to 200 A)
11059230	SSW0708900-IP20-4D	IP20 Kit for M4 (255 to 412 A)
Front cover Kit for power terminals		
14691775	SSW0708900-PROT-3C	Front cover kit for power terminals for SSW07/08 frame 3 and SSW900 frame C (130 to 200 A)
14691772	SSW0708900-PROT-4D	Front cover kit for power terminals for SSW07/08 frame 4 and SSW900 frame D (255 to 412 A)
Superdrive Kit		
10945062	KSDG2 SSW07/08	Superdrive G2 Kit (KRS-232-SSW07+CAB-RS-3+CD Software)

The SSW900 is designed for Heavy and light duty applications offering a big variety of functions as well as accessories that meet entirely the market demands in all segments. Beyond all great functionalities found on current WEG Softstarters additional flexibility were given to the SSW900 like Modern and easy to use display with embedded USB port, Real Time Clock(RTC), several new communication modules (Profinet IO, Modbus TCP, Ethernet IP) and Soft PLC capability using WPS software.

Applications

- Pumps
- Centrifugal Fans
- Compressors
- Conveyors
- Crushers



- Certifications ⁽¹⁾:  

(1) Check with your sales representative about certification for the 690V models.

SSW900

Soft-Starter

Technical data:

- Voltage range: 220-690 V for three-phase power supply
- Current range: 10 up to 1400 Amps / (2200HP)_575V
- Overload capacity: 300% for 30 seconds, 10 Starts/hour (with ventilation kit) for frame sizes A through D
- Overload capacity: 300% for 30 seconds, 5 Starts/hour for frame size E through G
- Degree of protection: IP20 (10 to 105A) and IP00 (130A and above)
- Operating temperature: 0 to 55°C for frame sizes A to D and 0 to 40°C for frame size E to G.
- Altitude: 0 to 1000m
 - From 1000 to 4000m with current reduction (1% for every 100m)
 - From 2000m up to 4000m with voltage reduction (1.1% for every 100m)
- Humidity: 5 to 90% non-condensing.
- Built-in By-pass
- Graphic Keypad
- Soft PLC Built-in
- USB Built into the keypad
- Three different braking methods
- Standard three wires or inside delta connection (six wires)
- Fire mode
- Real Time Clock
- Thermistor input

- Control features:

Copy function(keypad)	2 slots for IO expansion or communication Modules
Voltage and Current Ramp Control	Help Soft key for programming
Current limitation	Log of events
Torque control	

- I/O connections:

	Std
Digital inputs	5
Digital outputs	-
Relay outputs	3
Analog inputs	-
Analog outputs	1

- Fieldbus:

RS232 Modbus RTU	RS485 Modbus RTU	Modbus TCP	Profibus V1/V0	DP-	Modbus-TCP	Profinet IO	CANopen/DeviceNet	DeviceNet	EtherNet/IP	Profinet S2	BACnet
NA	SSW900-CRS485-W	SSW900-CMB-TCP-N	SSW900-CPDP-N		SSW900-CMB-TCP-N SSW900-CETH-W	SSW900-CPN-IO-N	SSW900-CAN-W	SSW900-CDN-N	SSW900-CETH-IP-N SSW900-CETH-W	SSW900-CPN-S2-N	NA

Accessories:

- Remote keypad kit (frame + cable)
- IP20 kit
- 6 Channels RTD Module
- External Current Acquisition kit
- Ventilation kit
- Touch Protection kit
- Kit with six bars

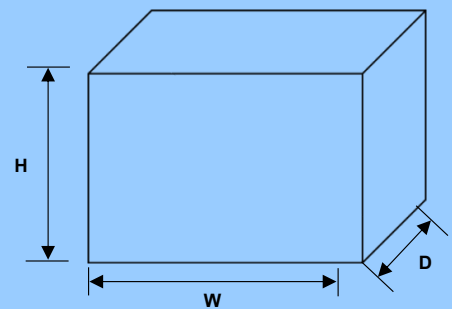
SSW900

Soft-Starter

Product and Series	Model Identification				Special hardware version	Special software version
	Rated current (A)	Power supply	Rated voltage	Control Voltage		
SSW900	0085	T	5	E	-	-
SSW900	0010	T = Three-phase				
	0017	5 = 220...575Vac				
	0024	6 = 380...690Vac				
	0030	E2 = 110~240V				
	0045	E3 = 110~130V				
	0061	E4 = 220~240V				
	0085	Blank = Standard version				
	0105	B = Bluetooth Version				
	0130	Hx = Optional version x (H1...Hn)				
	0171	Blank = Standard version				
	0200	Sx = Optional version x (S1...Sn)				
	0255					
	0312					
	0365					
	0412					
	0255					
	0312					
	0365					
	0412					
	480					
	604					
	670					
	820					
	950					
	1100					
	1400					

- Dimensions and weight (without packaging):

Frame size	Height_H (mm)	Width_W (mm)	Depth_D (mm)	Weight kg(Lbs)
A	200	127	203	1,93 (4,25)
B	208	144	260	4,02 (8,86)
C	276	223	261	6,55 (14,44)
D	331	227	282	12,83 (28,28)
E	575	390	260	38,00 (83,75)
F	800	464	316	75,40 (166,23)
G	914	539	316	107,20 (236,34)



Soft Starters

SSW900 - Standard - 220~575V

Part Number	Product ⁽⁴⁾	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Control Voltage (Vac)
		3 Wires	6 Wires ⁽³⁾	3 Wires	6 Wires ⁽³⁾			
		A		kW				
380V - 3AC								
12955638	SSW900 A 0010 T5 E2	10	-	4	-	A	55°C	110~240
12955639	SSW900 A 0017 T5 E2	17	-	7.5	-	A	55°C	
12956520	SSW900 A 0024 T5 E2	24	-	11	-	A	55°C	
12960992	SSW900 A 0030 T5 E2	30	-	11	-	A	55°C	
12956526	SSW900 B 0045 T5 E2	45	-	22	-	B	55°C	
12960988	SSW900 B 0061 T5 E2	61	-	30	-	B	55°C	
12956628	SSW900 B 0085 T5 E2	85	-	45	-	B	55°C	
12956525	SSW900 B 0105 T5 E2	105	-	55	-	B	55°C	
12956521	SSW900 C 0130 T5 E2	130	225	55	110	C	55°C	
12956523	SSW900 C 0171 T5 E2	171	296	90	150	C	55°C	
12960989	SSW900 C 0200 T5 E2	200	346	90	185	C	55°C	110~130
13256759	SSW900 D 0255 T5 E3	255	442	132	220	D	55°C	
13256762	SSW900 D 0312 T5 E3	312	540	150	260	D	55°C	
13256764	SSW900 D 0365 T5 E3	365	632	185	330	D	55°C	
13256768	SSW900 D 0412 T5 E3	412	714	220	330	D	55°C	
14418578	SSW900 E 0480 T5 E3	480	831	260	450	E	40°C	
14418678	SSW900 E 0604 T5 E3	604	1046	300	560	E	40°C	
14419093	SSW900 E 0670 T5 E3	670	1160	330	630	E	40°C	
14418584	SSW900 F 0820 T5 E3	820	1420	400	710	F	40°C	
14418483	SSW900 F 0950 T5 E3	950	1645	500	900	F	40°C	
14418797	SSW900 G 1100 T5 E3	1100	1905	560	1000	G	40°C	
14419091	SSW900 G 1400 T5 E3	1400	2425	710	1250	G	40°C	
13256760	SSW900 D 0255 T5 E4	255	442	132	220	D	55°C	
13256763	SSW900 D 0312 T5 E4	312	540	150	260	D	55°C	
13256766	SSW900 D 0365 T5 E4	365	632	185	330	D	55°C	
13256770	SSW900 D 0412 T5 E4	412	714	220	330	D	55°C	
14418579	SSW900 E 0480 T5 E4	480	831	260	450	E	40°C	
14418681	SSW900 E 0604 T5 E4	604	1046	300	560	E	40°C	
14419094	SSW900 E 0670 T5 E4	670	1160	330	630	E	40°C	
14418585	SSW900 F 0820 T5 E4	820	1420	400	710	F	40°C	220~240
14419092	SSW900 F 0950 T5 E4	950	1645	500	900	F	40°C	
14419096	SSW900 G 1100 T5 E4	1100	1905	560	1000	G	40°C	
14419119	SSW900 G 1400 T5 E4	1400	2425	710	1250	G	40°C	

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

(3) Maximum motor current with 6 wires connection (inside delta)

Soft Starters

SSW900 - Standard - 380~690V

Part Number	Product ⁽⁵⁾	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Control Voltage (Vac)
		3 Wires	6 Wires ⁽³⁾	3 Wires	6 Wires ⁽³⁾			
		A		kW				
690V - 3AC								
15376129	SSW900 C 0130 T6 E2 ⁽⁴⁾	130		110	-	C	55°C	110~240
15376135	SSW900 C 0171 T6 E2 ⁽⁴⁾	171		150	-	C	55°C	
15376137	SSW900 C 0200 T6 E2 ⁽⁴⁾	200		185	-	C	55°C	
15376169	SSW900 D 0255 T6 E3 ⁽⁴⁾	255		220	-	D	55°C	110~130
15376407	SSW900 D 0312 T6 E3 ⁽⁴⁾	312		300	-	D	55°C	
15376492	SSW900 D 0365 T6 E3 ⁽⁴⁾	365		330	-	D	55°C	
15376494	SSW900 D 0412 T6 E3 ⁽⁴⁾	412		400	-	D	55°C	
15376548	SSW900 E 0480 T6 E3 ⁽⁴⁾	480		450	-	E	40°C	
15376556	SSW900 E 0604 T6 E3 ⁽⁴⁾	604		560	-	E	40°C	
15376554	SSW900 E 0670 T6 E3 ⁽⁴⁾	670		630	-	E	40°C	
15377223	SSW900 F 0820 T6 E3 ⁽⁴⁾	820		800	-	F	40°C	
15377226	SSW900 F 0950 T6 E3 ⁽⁴⁾	950		900	-	F	40°C	
15377450	SSW900 G 1100 T6 E3 ⁽⁴⁾	1100		1000	-	G	40°C	
15377540	SSW900 G 1400 T6 E3 ⁽⁴⁾	1400		1250	-	G	40°C	
15376404	SSW900 D 0255 T6 E4 ⁽⁴⁾	255		220	-	D	55°C	220~240
15376490	SSW900 D 0312 T6 E4 ⁽⁴⁾	312		300	-	D	55°C	
15376493	SSW900 D 0365 T6 E4 ⁽⁴⁾	365		330	-	D	55°C	
15376497	SSW900 D 0412 T6 E4 ⁽⁴⁾	412		400	-	D	55°C	
15376552	SSW900 E 0480 T6 E4 ⁽⁴⁾	480		450	-	E	40°C	
15376550	SSW900 E 0604 T6 E4 ⁽⁴⁾	604		560	-	E	40°C	
15376580	SSW900 E 0670 T6 E4 ⁽⁴⁾	670		630	-	E	40°C	
15377227	SSW900 F 0820 T6 E4 ⁽⁴⁾	820		800	-	F	40°C	
15377449	SSW900 F 0950 T6 E4 ⁽⁴⁾	950		900	-	F	40°C	
15377539	SSW900 G 1100 T6 E4 ⁽⁴⁾	1100		1000	-	G	40°C	
15377541	SSW900 G 1400 T6 E4 ⁽⁴⁾	1400		1250	-	G	40°C	

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

(3) 6 wires connection (inside delta) is not available for 575...690V power supply

(4) T6 units don't carry UL/cUL mark.

Soft Starters

SSW900 - Accessories

Part Number	Modelo	Description
Keypad and Cables for HMI		
13469204	SSW900-KMD-CB01	Remote Keypad Frame + 1m (3.3ft) Cable
13466665	SSW900-KMD-CB02	Remote Keypad Frame + 2m (6.6ft) Cable
13469206	SSW900-KMD-CB03	Remote Keypad Frame + 3m (10ft) Cable
13469207	SSW900-KMD-CB05	Remote Keypad Frame + 5m (16ft) Cable
13469208	SSW900-KMD-CB07	Remote Keypad Frame + 7.5m (26ft) Cable
13469209	SSW900-KMD-CB10	Remote Keypad Frame + 10m (33ft) Cable
13469211	SSW900-KMD-CB20	Remote Keypad Frame + 20m (66ft) Cable
11010298	HMID-01	Blank cover for keypad slot
Ventilation Kits		
10935650	SW07-SSW08-SSW900 KVT-MEC 2/B	Ventilation Kit for SSW07/08 frame 2 and SSW900 frame B (45 to 105 A)
10935559	SW07-SSW08-SSW900 KVT-MEC 3/C	Ventilation Kit for SSW07/08 frame 3 and SSW900 frame C (130 to 200 A)
I/O Expansion Module		
14260747	SSW900-PT100-W	PT100 temperature transducer module (6 inputs)
Communication		
12966003	SSW900-CDN-N	Devicenet Anybus plug-in module
12966102	SSW900-CETH-IP-N	Ethernet/IP Anybus plug-in module
12966038	SSW900-CMB-TCP-N	Modbus-TCP Anybus plug-in module
12966001	SSW900-CPDP-N	Profibus DP Anybus plug-in module
12966099	SSW900-CPN-IO-N	Profinet IO Anybus plug-in module
12966043	SSW900-CRS485-W	RS485 plug-in module
14261364	SSW900-CAN-W	CANopen and DeviceNet plug-in module
14260745	SSW900-CETH-W	Ethernet/IP plug-in module
16708314	SSW900-CPN-S2-N	Profinet S2 Anybus plug-in module
14773867	SSW900-HMI-BLT	HMI with Bluetooth connection ⁽¹⁾
IP20 Kit		
10935651	SSW0708900-IP20-3C	IP20 Kit for SSW07/08 frame 3 and SSW900 frame C (130 to 200 A)
11059230	SSW0708900-IP20-4D	IP20 Kit for SSW07/08 frame 4 and SSW900 frame D (255 to 412 A)
External Current Transformer		
14190553	SSW900-KECA-10	External Current Transformer for SSW900 10A
14197757	SSW900-KECA-17	External Current Transformer for SSW900 17A
14197809	SSW900-KECA-24	External Current Transformer for SSW900 24A
14197811	SSW900-KECA-30	External Current Transformer for SSW900 30A
14197812	SSW900-KECA-45	External Current Transformer for SSW900 45A
14197814	SSW900-KECA-61	External Current Transformer for SSW900 61A
14197815	SSW900-KECA-85	External Current Transformer for SSW900 85A
14197816	SSW900-KECA-105	External Current Transformer for SSW900 105A
14197817	SSW900-KECA-130	External Current Transformer for SSW900 130A
14197838	SSW900-KECA-171	External Current Transformer for SSW900 171A
14197839	SSW900-KECA-200	External Current Transformer for SSW900 200A
14197840	SSW900-KECA-255	External Current Transformer for SSW900 255A
14197841	SSW900-KECA-312	External Current Transformer for SSW900 312A
14197842	SSW900-KECA-365	External Current Transformer for SSW900 365A
14197843	SSW900-KECA-412	External Current Transformer for SSW900 412A
Front cover Kit for power terminals		
14691775	SSW0708900-PROT-3C	Front cover kit for power terminals for SSW07/08 frame 3 and SSW900 frame C (130 to 200 A)
14691772	SSW0708900-PROT-4D	Front cover kit for power terminals for SSW07/08 frame 4 and SSW900 frame D (255 to 412 A)
14691809	SSW900-PROT-E	Front cover kit for power terminals for SSW900 frame E (480 to 670 A)
Busbar Kit		
14691998	SSW900-6BAR-E	Kit with Six busbars for Frame-E for external bypass connection using only compression lugs (e.g. LCAX450-12-6, lug not included in the kit)
15144306	SSW900-6BAR-F	Kit with Six busbars for Frame-F for external bypass connection using only compression lugs (e.g. LCAX650-58-6 OR LCAX750-12-3, lugs not included in the kit)
15144348	SSW900-3BAR-G	Kit with three 45° angled (going downwards) busbars for Frame-G for all top or all bottom cable connections. (e.g. 3x LCAN750-12-6 or 4x LCAN500-12-6 or PBMW-4-750-12 - lugs not included in the kit).

⁽¹⁾ Bluetooth interface certification is available for USA, Europe, Colombia, Ecuador, Australia, New Zealand and South Africa.

The CFW900 is a high-tech VSD for driving and controlling three-phase induction and permanent magnet motors. It offers excellent static and dynamic performance and highly precise torque, speed and position control. It can be used in a wide range of applications due to its high overload capacity.



Technical data:

- Single and three-phase power supply
 - Voltage range: 200-240Vac for single-phase models
200-240Vac, 380-480Vac or 500-600Vac for three-phase models
 - Current / Power range: up to 760Amps / 440kW (600HP)
 - Control mode: scalar (V/Hz), VVW, open loop vector sensorless and closed loop with encoder
 - Switching frequency: from 1 to 16kHz
 - Overload capacity: Normal Duty (ND) = 150% during 3 seconds; 110% during 60 seconds every 5min
Heavy Duty (HD) = 200% during 3 seconds; 150% during 60 seconds every 5min
 - Degree of protection: IP20
 - Operating temperature: -10 to 50°C (14 to 122°F) for frame sizes A,B,C and D
-10 to 45°C (14 to 113°F) for frame sizes E, F, G and H
- Possible to operate on higher temperatures with current derating or using the dual zone rating (check the user's manual)
- Altitude: 0 to 1000m
up to 4000m with current and voltage derating
 - Built-in brake chopper up to frame size C. Optional for frame sizes D and E. Not available for frame sizes F, G and H (*)
 - Built-in DC link choke
 - Built-in Ethernet Dual Port (Modbus TCP and Ethernet/IP)
 - Built-in RS-485 Port (Modbus RTU protocol)
 - Built-in Safety functionalities - Safe Torque Off (STO) and Safe Stop 1 (SS1) in accordance with EN ISO 13849-1 (Cat. 3 / PL e)
 - Built-in RFI Filter
 - External +24Vdc power supply for control board
 - Local graphic keypad with backlight and Help functionality
 - USB Connection
- (*) Frame sizes F, G and H can use DBW03 and DBW04 from CFW11 range

- I/O connections:

	Std	IOAI-01	IOD-01	REL-01
Digital inputs	6	-	8	-
Digital outputs	2	-	8	-
Relay outputs	3 (*)	-	-	3
Analog inputs	2	3	-	-
Analog outputs	2	2	-	-

(*) Output Relays available with 1x CFW900-REL-01 supplied with standard version

- Fieldbus:

Modbus RTU	Modbus TCP	CANopen	DeviceNet	EtherNet/IP	EtherCAT	BACnet	Profibus DP	Profinet	MQTT (IoT Ready)
Built-in	Built-in	CFW900-CCAN-W	CFW900-CCAN-W	Built-in	CFW900-CECAT-N	Coming Soon	CFW900-CPDP-N	CFW900-CPN-IRT-N	Built-in

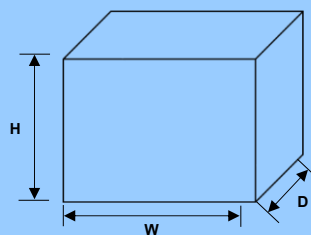
Accessories:

- IP21 / UL Type 1 kits.
- I/O Expansion Modules
- Temperature Transducers Modules (PTC, PT100/1000)
- Encoder Modules
- Communication Modules
- Remote keypad kit

Product and Series	Model Identification				Braking	Degree of Protection	Safety	HMI version	Special Hardware version	Special Software version
	Frame size	Rated current	No. of phases power supply	Rated voltage						
CFW900	A	04P6	T	4	NB	20	Y2	B	Hxx	Sxx
CFW900	A	2P8 = 2,8A	B = single/three-phase							
		3P6 = 3,6A	T = three-phase							
		4P6 = 4,6A								
		4P8 = 4,8A	2 = 200...240V							
		6P0 = 6A	4 = 380...480V							
		6P5 = 6,5A	5 = 500...600V							
		7P5 = 7,5A								
		9P6 = 9,6A	NB = without braking chopper							
		10P0 = 10A	DB = with braking chopper							
		10P6 = 10,6A	20 = IP20							
		13P0 = 13A	21 = IP21							
		14P0 = 14A	N1 = UL Type 1							
		17P0 = 17A								
		19P0 = 19A	Y2 = with STO and SS1 safety function							
	B	26P0 = 26A								
		33P0 = 33A	Blank = HMI without Bluetooth							
		34P0 = 34A	B = HMI with Bluetooth							
		39P0 = 39A	Blank = standard hardware version							
		45P0 = 45A	HEC = with extra coated boards							
	C	50P0 = 50A	Hxx = with a special hardware version							
		56P0 = 56A	Blank = standard software version							
		62P0 = 62A	Sxx = with a special software version							
		70P0 = 70A								
		74P0 = 74A								
	D	80P0 = 80A								
		96P0 = 96A								
		0110 = 110A								
		0124 = 124A								
		0135 = 135A								
	E	0146 = 146A								
		0150 = 150A								
		0172 = 172A								
		0195 = 195A								
		0203 = 203A								
	F	0242 = 242A								
		0250 = 250A								
		0315 = 315A								
	G	0370 = 370A								
		0430 = 430A								
		0480 = 480A								
		0540 = 540A								
	H	0601 = 601A								
		0760 = 760A								

- Dimensions and weight (without packaging):

IP20				
Frame size	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
A	270	145	222	4.5
B	385	166	227	10
C	445	200	294	20.5
D	625	250	294	33.5
E	675	336	358	63.5
F	1034	370	360	101
G	1234	430	360	185
H	1265	535	426	242



Variable Speed Drives

CFW900 - Standard - HMI with Bluetooth - 200~240V ⁽¹⁾

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
230V - 1 or 3AC								
14326148	CFW900A04P6B2DB20Y2B	4.6	4.6	1.1	1.1	A	50°C	Yes
14326149	CFW900A06P0B2DB20Y2B	6	6	1.5	1.5	A	50°C	Yes
14326151	CFW900A07P5B2DB20Y2B	7.5	7.5	1.5	1.5	A	50°C	Yes
14326256	CFW900A10P0B2DB20Y2B	10	10	2.2	2.2	A	50°C	Yes
230V - 3AC								
14326157	CFW900A04P6T2DB20Y2B	4.6	4.6	1.1	1.1	A	50°C	Yes
14326199	CFW900A06P0T2DB20Y2B	6	5	1.5	1.1	A	50°C	Yes
14326202	CFW900A07P5T2DB20Y2B	7.5	6.8	1.5	1.5	A	50°C	Yes
14326207	CFW900A10P6T2DB20Y2B	10.6	9.6	2.2	2.2	A	50°C	Yes
14326252	CFW900A13P0T2DB20Y2B	13	11	3	3	A	50°C	Yes
14326254	CFW900A19P0T2DB20Y2B	19	16	5.5	4	A	50°C	Yes
14959986	CFW900B26P0T2DB20Y2B	26	22	7.5	5.5	B	50°C	Yes
14960028	CFW900B34P0T2DB20Y2B	34	28	9.2	7.5	B	50°C	Yes
14960029	CFW900B45P0T2DB20Y2B	45	35	11	9.2	B	50°C	Yes
15414328	CFW900C56P0T2DB20Y2B	56	47	15	11	C	50°C	Yes
15414329	CFW900C70P0T2DB20Y2B	70	59	22	15	C	50°C	Yes
15414331	CFW900C80P0T2DB20Y2B	80	70	22	18.5	C	50°C	Yes
15686712	CFW900D0110T2NB20Y2B	110	92	30	22	D	50°C	No
15686715	CFW900D0135T2NB20Y2B	135	110	37	30	D	50°C	No
15686716	CFW900D0150T2NB20Y2B	150	124	45	37	D	50°C	No
15697028	CFW900E0172T2NB20Y2B	172	150	55	45	E	45°C	No
15028874	CFW900E0195T2NB20Y2B	195	160	55	45	E	45°C	No
15028918	CFW900E0250T2NB20Y2B	250	211	75	55	E	45°C	No
16695149	CFW900F0315T2NB20Y2B	315	263	90	90	F	45°C	No
16695150	CFW900F0370T2NB20Y2B	370	315	110	90	F	45°C	No

CFW900 - with Optional Brake Chopper - HMI with Bluetooth - 200~240V ⁽³⁾

230V - 3AC								
15686530	CFW900D0110T2DB20Y2B	110	92	30	22	D	50°C	Yes
15686534	CFW900D0135T2DB20Y2B	135	110	37	30	D	50°C	Yes
15686535	CFW900D0150T2DB20Y2B	150	124	45	37	D	50°C	Yes
15696834	CFW900E0172T2DB20Y2B	172	150	55	45	E	45°C	Yes
15005875	CFW900E0195T2DB20Y2B	195	160	55	45	E	45°C	Yes
15006038	CFW900E0250T2DB20Y2B	250	211	75	55	E	45°C	Yes

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature in heatsink with active Intelligent Thermal Management

(3) Check with your sales representative regarding Bluetooth feature, to confirm if the certification is available for your market

Variable Speed Drives

CFW900 - Standard - HMI with Bluetooth - 380~480V ⁽³⁾

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
380V - 3AC								
14326257	CFW900A02P8T4DB20Y2B	2.8	2.4	1.1	0.75	A	50°C	Yes
15697209	CFW900A03P6T4DB20Y2B	3.6	2.8	1.5	1.1	A	50°C	Yes
14326308	CFW900A04P8T4DB20Y2B	4.8	3.9	1.5	1.5	A	50°C	Yes
14326310	CFW900A06P5T4DB20Y2B	6.5	5.3	2.2	2.2	A	50°C	Yes
14326311	CFW900A09P6T4DB20Y2B	9.6	8	4	3	A	50°C	Yes
14326312	CFW900A14P0T4DB20Y2B	14	12	5.5	5.5	A	50°C	Yes
14326313	CFW900A17P0T4DB20Y2B	17	17	7.5	7.5	A	50°C	Yes
14960037	CFW900B26P0T4DB20Y2B	26	21	11	9.2	B	50°C	Yes
14960110	CFW900B33P0T4DB20Y2B	33	28	15	11	B	50°C	Yes
14960113	CFW900B39P0T4DB20Y2B	39	33	18.5	15	B	50°C	Yes
15414333	CFW900C50P0T4DB20Y2B	50	40	22	18.5	C	50°C	Yes
15414335	CFW900C62P0T4DB20Y2B	62	50	30	22	C	50°C	Yes
15414337	CFW900C74P0T4DB20Y2B	74	62	37	30	C	50°C	Yes
15686788	CFW900D96P0T4NB20Y2B	96	75	45	37	D	50°C	No
15686789	CFW900D124T4NB20Y2B	124	103	55	55	D	50°C	No
15686790	CFW900D146T4NB20Y2B	146	124	75	55	D	50°C	No
15697033	CFW900E0172T4NB20Y2B	172	146	90	75	E	45°C	No
15028922	CFW900E0203T4NB20Y2B	203	161	110	75	E	45°C	No
15028939	CFW900E0242T4NB20Y2B	242	190	110	90	E	45°C	No
16695152	CFW900F0315T4NB20Y2B	315	263	160	132	F	45°C	No
16695153	CFW900F0370T4NB20Y2B	370	315	185	160	F	45°C	No
16852445	CFW900G0430T4NB20Y2B	430	370	220	185	G	45°C	No
16852559	CFW900G0480T4NB20Y2B	480	430	260	220	G	45°C	No
16852566	CFW900G0540T4NB20Y2B	540	480	280	260	G	45°C	No
16798716	CFW900G0601T4NB20Y2B	601	515	315	280	G	45°C	No
16852716	CFW900H0760T4NB20Y2B	760	601	355	315	H	45°C	No

CFW900 - with Optional Brake Chopper - HMI with Bluetooth - 380~480V ⁽³⁾

380V - 3AC								
15686536	CFW900D96P0T4DB20Y2B	96	75	45	37	D	50°C	Yes
15686537	CFW900D124T4DB20Y2B	124	103	55	55	D	50°C	Yes
15686709	CFW900D146T4DB20Y2B	146	124	75	55	D	50°C	Yes
15697032	CFW900E0172T4DB20Y2B	172	146	90	75	E	45°C	Yes
15006082	CFW900E0203T4DB20Y2B	203	161	110	75	E	45°C	Yes
15006109	CFW900E0242T4DB20Y2B	242	190	110	90	E	45°C	Yes

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature in heatsink with active Intelligent Thermal Management

(3) Check with your sales representative regarding Bluetooth feature, to confirm if the certification is available for your market

Variable Speed Drives

CFW900 - Standard - HMI without Bluetooth - 200~240V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
230V - 1 or 3AC								
15939499	CFW900A04P6B2DB20Y2	4.6	4.6	1.1	1.1	A	50°C	Yes
15729246	CFW900A06P0B2DB20Y2	6	6	1.5	1.5	A	50°C	Yes
15729335	CFW900A07P5B2DB20Y2	7.5	7.5	1.5	1.5	A	50°C	Yes
15732471	CFW900A10P0B2DB20Y2	10	10	2.2	2.2	A	50°C	Yes
230V - 3AC								
15729337	CFW900A04P6T2DB20Y2	4.6	4.6	1.1	1.1	A	50°C	Yes
15729408	CFW900A06P0T2DB20Y2	6	5	1.5	1.1	A	50°C	Yes
15729410	CFW900A07P5T2DB20Y2	7.5	6.8	1.5	1.5	A	50°C	Yes
15729411	CFW900A10P6T2DB20Y2	10.6	9.6	2.2	2.2	A	50°C	Yes
15729466	CFW900A13P0T2DB20Y2	13	11	3	3	A	50°C	Yes
15732445	CFW900A19P0T2DB20Y2	19	16	5.5	4	A	50°C	Yes
15732637	CFW900B26P0T2DB20Y2	26	22	7.5	5.5	B	50°C	Yes
15732709	CFW900B34P0T2DB20Y2	34	28	9.2	7.5	B	50°C	Yes
15732710	CFW900B45P0T2DB20Y2	45	35	11	9.2	B	50°C	Yes
15734724	CFW900C56P0T2DB20Y2	56	47	15	11	C	50°C	Yes
15735599	CFW900C70P0T2DB20Y2	70	59	22	18.5	C	50°C	Yes
15735600	CFW900C80P0T2DB20Y2	80	70	22	22	C	50°C	Yes
15737608	CFW900D0110T2NB20Y2	110	92	30	22	D	50°C	No
15737609	CFW900D0135T2NB20Y2	135	110	37	30	D	50°C	No
15737611	CFW900D0150T2NB20Y2	150	124	45	37	D	50°C	No
15737832	CFW900E0172T2NB20Y2	172	150	55	45	E	45°C	No
15737835	CFW900E0195T2NB20Y2	195	160	55	45	E	45°C	No
15737837	CFW900E0250T2NB20Y2	250	211	75	55	E	45°C	No
16694955	CFW900F0315T2NB20Y2	315	263	90	90	F	45°C	No
16694956	CFW900F0370T2NB20Y2	370	315	110	90	F	45°C	No

CFW900 - with Optional Brake Chopper - HMI without Bluetooth - 200~240V

230V - 3AC								
15735652	CFW900D0110T2DB20Y2	110	92	30	22	D	50°C	Yes
15735653	CFW900D0135T2DB20Y2	135	110	37	30	D	50°C	Yes
15735654	CFW900D0150T2DB20Y2	150	124	45	37	D	50°C	Yes
15737686	CFW900E0172T2DB20Y2	172	150	55	45	E	45°C	Yes
15737731	CFW900E0195T2DB20Y2	195	160	55	45	E	45°C	Yes
15737734	CFW900E0250T2DB20Y2	250	211	75	55	E	45°C	Yes

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature in heatsink with active Intelligent Thermal Management

Variable Speed Drives

CFW900 - Standard - HMI without Bluetooth - 380~480V

Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
380V - 3AC								
15732476	CFW900A02P8T4DB20Y2	2.8	2.4	1.1	0.75	A	50°C	Yes
15732634	CFW900A03P6T4DB20Y2	3.6	2.8	1.5	1.1	A	50°C	Yes
15732510	CFW900A04P8T4DB20Y2	4.8	3.9	1.5	1.5	A	50°C	Yes
15732609	CFW900A06P5T4DB20Y2	6.5	5.3	2.2	2.2	A	50°C	Yes
15732628	CFW900A09P6T4DB20Y2	9.6	8	4	3	A	50°C	Yes
15732631	CFW900A14P0T4DB20Y2	14	12	5.5	5.5	A	50°C	Yes
15732632	CFW900A17P0T4DB20Y2	17	17	7.5	7.5	A	50°C	Yes
15732711	CFW900B26P0T4DB20Y2	26	21	11	9.2	B	50°C	Yes
15732713	CFW900B33P0T4DB20Y2	33	28	15	11	B	50°C	Yes
15732715	CFW900B39P0T4DB20Y2	39	33	18.5	15	B	50°C	Yes
15735604	CFW900C50P0T4DB20Y2	50	40	22	18.5	C	50°C	Yes
15735605	CFW900C62P0T4DB20Y2	62	50	30	22	C	50°C	Yes
15735607	CFW900C74P0T4DB20Y2	74	62	37	30	C	50°C	Yes
15737612	CFW900D96P0T4NB20Y2	96	75	45	37	D	50°C	No
15737615	CFW900D0124T4NB20Y2	124	103	55	55	D	50°C	No
15737679	CFW900D0146T4NB20Y2	146	124	75	55	D	50°C	No
15737888	CFW900E0172T4NB20Y2	172	146	90	75	E	45°C	No
15737889	CFW900E0203T4NB20Y2	203	161	110	75	E	45°C	No
15737891	CFW900E0242T4NB20Y2	242	190	110	90	E	45°C	No
16694957	CFW900F0315T4NB20Y2	315	263	160	132	F	45°C	No
16695148	CFW900F0370T4NB20Y2	370	315	185	160	F	45°C	No
16852447	CFW900G0430T4NB20Y2	430	370	220	185	G	45°C	No
16852564	CFW900G0480T4NB20Y2	480	430	260	220	G	45°C	No
16852708	CFW900G0540T4NB20Y2	540	480	280	260	G	45°C	No
16798717	CFW900G0601T4NB20Y2	601	515	315	280	G	45°C	No
16852868	CFW900H0760T4NB20Y2	760	601	355	315	H	45°C	No

CFW900 - with Optional Brake Chopper - HMI without Bluetooth - 380~480V

380V - 3AC								
15737501	CFW900D96P0T4DB20Y2	96	75	45	37	D	50°C	Yes
15737504	CFW900D0124T4DB20Y2	124	103	55	55	D	50°C	Yes
15737506	CFW900D0146T4DB20Y2	146	124	75	55	D	50°C	Yes
15737735	CFW900E0172T4DB20Y2	172	146	90	75	E	45°C	Yes
15737737	CFW900E0203T4DB20Y2	203	161	110	75	E	45°C	Yes
15737831	CFW900E0242T4DB20Y2	242	190	110	90	E	45°C	Yes

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature in heatsink with active Intelligent Thermal Management

Variable Speed Drives

CFW900 - Standard - HMI without Bluetooth - 500~600V

Part Number	Product	Rated Current		Motor ⁽²⁾		Frame Size	Max. ⁽³⁾ Temp	Brake Chopper
		ND	HD	ND	HD			
		A		kW				
525V - 3AC								
17327130	CFW900B02P9T5DB20Y2	2.9	2.7	1.5	1.5	B	50°C	Yes
17327131	CFW900B04P2T5DB20Y2	4.2	2.9	2.2	1.5	B	50°C	Yes
17327133	CFW900B07P0T5DB20Y2	7	4.2	4	2.2	B	50°C	Yes
17327134	CFW900B10P0T5DB20Y2	10	7	5.5	4	B	50°C	Yes
17327135	CFW900B12P0T5DB20Y2	12	10	7.5	5.5	B	50°C	Yes
17327136	CFW900B17P0T5DB20Y2	17	12	11	7.5	B	50°C	Yes
17327137	CFW900B22P0T5DB20Y2	22	17	15	11	B	50°C	Yes
17327409	CFW900B27P0T5DB20Y2	27	22	18.5	15	B	50°C	Yes
17327410	CFW900C32P0T5DB20Y2	32	27	22	18.5	C	50°C	Yes
17327412	CFW900C44P0T5DB20Y2	44	32	30	22	C	50°C	Yes
17327413	CFW900C54P0T5DB20Y2	54	44	37	30	C	50°C	Yes

CFW900 - Standard - HMI with Bluetooth - 500~600V ⁽¹⁾

525V - 3AC								
17327414	CFW900B02P9T5DB20Y2B	2.9	2.7	1.5	1.5	B	50°C	Yes
17327559	CFW900B04P2T5DB20Y2B	4.2	2.9	2.2	1.5	B	50°C	Yes
17327560	CFW900B07P0T5DB20Y2B	7	4.2	4	2.2	B	50°C	Yes
17327561	CFW900B10P0T5DB20Y2B	10	7	5.5	4	B	50°C	Yes
17327562	CFW900B12P0T5DB20Y2B	12	10	7.5	5.5	B	50°C	Yes
17327564	CFW900B17P0T5DB20Y2B	17	12	11	7.5	B	50°C	Yes
17328645	CFW900B22P0T5DB20Y2B	22	17	15	11	B	50°C	Yes
17328809	CFW900B27P0T5DB20Y2B	27	22	18.5	15	B	50°C	Yes
17329012	CFW900C32P0T5DB20Y2B	32	27	22	18.5	C	50°C	Yes
17329015	CFW900C44P0T5DB20Y2B	44	32	30	22	C	50°C	Yes
17329125	CFW900C54P0T5DB20Y2B	54	44	37	30	C	50°C	Yes

Overload Capacity:

ND = Normal Duty: 150% during 3 seconds; 110% during 60 seconds.

HD = Heavy Duty: 200% during 3 seconds; 150% during 60 seconds.

(1) Maximum surrounding air temperature in heatsink with active Intelligent Thermal Management

(2) Motor power ratings are based on: WEG - 4 poles - W22 IE3 - 525V/50Hz

(3) Check that the Bluetooth feature certification is available for your market

Variable Speed Drives

CFW900 - Accessories

Part Number	Product	Description
I/O Expansion Modules		
15691117	CFW900-IOAI-01	3 analog inputs and 2 isolated analog outputs
15691249	CFW900-IOD-01	8 isolated digital inputs and 8 isolated digital outputs
15691251	CFW900-REL-01	3 digital relay outputs (one module supplied with standard version)
Temperature Transducers Modules		
15691253	CFW900-TEMP-01	6 isolated inputs for PTC, PT100 or PT1000 sensors
Encoder Modules		
15691256	CFW900-ENC-01	Incremental encoder with a signal up to 310 kHz and repeater
Communication Modules		
15691379	CFW900-CCAN-W	CAN interface module (CANopen / DeviceNet)
17143198	CFW900-CPDP-N	Profibus DP-V1 interface module
17143199	CFW900-CPN-IRT-N	Profinet IRT interface module - 2 Ports
17143201	CFW900-CECAT-N	EtherCAT interface module - 2 Ports
Backplane - Slot for Accessories		
15692737	CFW900-4SLOTS	Backplane with 4 Slots (available in the standard version)
15692736	CFW900-7SLOTS	Backplane with 7 Slots
Keypad Accessories		
15691113	CFW900-HMI-BLT ⁽¹⁾	CFW900 HMI with Bluetooth (available in the version B)
15690771	CFW900-HMI	CFW900 HMI without Bluetooth
15756246	CFW900-RHMIF	Frame for keypad remote assembly, IP66
Memory Card		
16352814	SDC-8GB	Micro SD card - 8GB - Industrial class
Cables for HMI		
15692985	CFW900-CCHMIR01M	1m (3.3ft) Remote Keypad Cable
15693038	CFW900-CCHMIR02M	2m (6.6ft) Remote Keypad Cable
15693040	CFW900-CCHMIR03M	3m (10ft) Remote Keypad Cable
15693042	CFW900-CCHMIR05M	5m (16ft) Remote Keypad Cable
15693044	CFW900-CCHMIR07M	7.5m (25ft) Remote Keypad Cable
15693045	CFW900-CCHMIR10M	10m (33ft) Remote Keypad Cable
Conduit Kit		
15756311	CFW900-KN1A	UL Type 1 - Conduit kit for frame size A
15757498	CFW900-KN1B	UL Type 1 - Conduit kit for frame size B
15757502	CFW900-KN1C	UL Type 1 - Conduit kit for frame size C
15757538	CFW900-KN1D	UL Type 1 - Conduit kit for frame size D
15757540	CFW900-KN1E	UL Type 1 - Conduit kit for frame size E
16240897	CFW900-KIP21A	IP21 - Kit for frame size A (top cover)
16241128	CFW900-KIP21B	IP21 - Kit for frame size B (top cover)
16241129	CFW900-KIP21C	IP21 - Kit for frame size C (top cover)
16241130	CFW900-KIP21D	IP21 - Kit for frame size D (top cover)
15757541	CFW900-KIP21E	IP21 - Kit for frame size E (top cover)
16500977	CFW900-KIP21F	IP21 - Kit for frame size F (top cover)
16773112	CFW900-KIP21G	IP21 - Kit for frame size G (top cover)
16773114	CFW900-KIP21H	IP21 - Kit for frame size H (top cover)
Assembly kit for Ventilation Ducts - Frame sizes E, F, G and H		
17634599	CFW900-KDF-01	Air Intake Assembly
17634601	CFW900-KDF-02	Air Extraction Assembly
Flange mounting kit		
16451365	CFW900-KMFA	Flange mounting kit for frame size A
16451438	CFW900-KMFB	Flange mounting kit for frame size B
16451440	CFW900-KMFC	Flange mounting kit for frame size C
16451445	CFW900-KMFD	Flange mounting kit for frame size D
16451447	CFW900-KMFE	Flange mounting kit for frame size E
16852713	CFW900-KMFF	Flange mounting kit for frame size F
16852714	CFW900-KMFG	Flange mounting kit for frame size G
16852715	CFW900-KMFH	Flange mounting kit for frame size H

(1) Check with your sales representative regarding Bluetooth feature, to confirm if the certification is available for your market

The ADV200 is a high end system drive with outstanding performance recommended for applications where torque control at different speeds (zero inclusive) is required. With several options of encoder reading boards for incremental and absolute encoder versions, the unit brings capacity to control positioning which is often demanded in fields such as hoisting, metal and paper and material handling plants.



- Certifications:



ADV200

Field Oriented Vector Drive

Technical data:

- Three-phase power supply.
- Voltage range: 380-480Vac and 500-690Vac for three-phase models.
450-750Vdc and 600-1120Vdc DC supply models.
- Current / Power range: up to 3080 Amps / 1800 kW (2500 HP)
- Control mode: scalar (V/Hz), open loop vector control, closed loop vector control
- Overload capacity (asynchronous motor): ND = Normal Duty: 110% during 60s every 300s.
HD = Heavy Duty: 200% during 3 seconds; 160% during 60s every 300s.
- Overload capacity (synchronous motor): ND = Normal Duty: 110% during 60s every 300s.
HD = Heavy Duty: 180% during 0,5 seconds; 150% during 60s every 300s.
- Degree of protection: IP20.
- Operating temperature: -10 to 40°C (derating to be considered from 40°C to 50°C)
- Altitude: 0 to 1000m up to 4000m with current derating (1,2% for every 100m above 1000m)
- Humidity: 5 to 85% non-condensing.
- Integrated brake chopper on frames 1 to 5 - larger frames, required the use of external braking unit - BUy.
- Built in DC choke up to size 6
- 24Vdc output and 24Vdc input as standard
- Built in RS-485 communication
- Integrated RFI (EMI) Filter built in (except of DC and IT versions)

- I/O connections:

	STD	EXP-IO-D5R8-ADV	EXP-IO-D6A4R1-ADV
Digital inputs	5	4	4
Digital outputs	2	1	2
Enable Input	1	-	-
Relay Outputs	2	8	-
Analog inputs	2	-	2
Analog outputs	2	-	2
Electronic Potentiometer	1	-	-
Double Contact Relay	-	-	2

- Fieldbus:

Profibus DP	Profinet	CANopen DeviceNet	EtherNet	EtherCat
EXP-PDP-ADV	EXP-ETH-PN-ADV	EXP-CAN-ADV	EXP-ETH-IP-ADV200	EXP-ETH-Ca-ADV200

- Encoder

Model	Enc. Input	Enc. Output	Freeze Channels	Description
EXP-DE-I1R1F2-ADV	1	1	2	TTL/HTL digital incremental
EXP-DE-I2R1F2-ADV	2	1	2	TTL/HTL digital incremental
EXP-SE-I1R1F2-ADV	1	1	2	Sinusoidal incremental
EXP-SESC-I1R1F2-ADV	1	1	2	SinCos Incremental
EXP-EN/SSI-I1R1F2-ADV	1	1	2	Absolute EnDa/SS
EXP-HIP-I1R1F2-ADV	1	1	2	Absolute hipurface
EXP-ASC-I1-ADV	1	-	-	Absolute SinCos
EXP-RES-I1R1-ADV	1 (resolver input)	1 (resolver repetition output)	-	Resolver expansion card

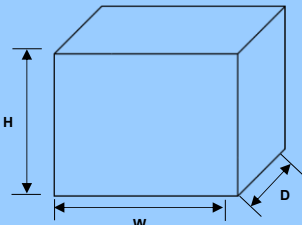
Accessories:

- Remote HMI
- Fast Link Communication kits
- PT100 and KTY modules
- Version HC by installing the dedicated application to the ADV200 unit.

ADV200

Field Oriented Vector Drive

Product and Series	Model Identifaion				Software	Raed Voltage	Parallel Version	DC Bus Power Supply	Safety Card	IT Network Configuraion
	Frame Size	Power [kW]	Keypad	Braking						
ADV200	1	007	K	B	X	4	XXYY	DC	SI	IT
ADV200	1	007 = 0.75	X = non included							
	2	015 = 1.5	K = included							
	3	022 = 2.2	X = non included							
	4	030 = 3.0	B = included							
	5	040 = 4.0	X = Standard							
	6	055 = 5.5	4 = 400 Vac							
	7	075 = 7.5	4A = 460 Vac							
		110 = 11.0	Blank = Standard							
		150 = 15.0	XX: MS = MASTER							
		185 = 18.5	XX: SL = SLAVE							
		220 = 22.0	YY: 04 = 400.0 kW							
		300 = 30.0	YY: 05 = 500.0 kW							
		370 = 37.0	YY: 06 = 600.0 kW							
		450 = 45.0	YY: 07 = 700.0 kW							
		550 = 55.0	YY: 09 = 900.0 kW							
		750 = 75.0	YY: 10 = 1000.0 kW							
		900 = 90.0	YY: 14 = 1350.0 kW							
		1100 = 110.0	YY: 17 = 1650.0 kW							
		1320 = 132.0	Blank = Standard							
		1600 = 160.0	DC = DC bus power supply							
		2000 = 200.0	Blank = Standard							
		2500 = 250.0	SI = EXP-STF-ADV included							
		3150 = 315.0	Blank = Standard							
		3550 = 355.0	IT = IT network configuraion							

- Dimensions and weight (without packaging):					
ADV200-4					
Frame size	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)	
1	322	118	235	5.8	
2	392	150	250	10.2	
3	517	180	250	16.4	
4	616	268	270	32.0	
5	767	311	325	60.0	
6	878	422	360	90.0	
7	1407	417	485	150.0	
ADV200-DC					
3	517	180	250	18.0	
4	616	268	270	24.0	
5	801	311	325	40.0	
6	924.5	421	360	68.0	
7	1407	417	485	140.0	
ADV200-6					
7	1407	417	485	155.0	

Field Oriented Vector Drive

ADV200 - Standard (with RFI)

Part Number	WAE Part Number	Product	Raed Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
			ND	HD	ND	HD			
			A		kW				
380V - 3AC									
16994816	S9O01	ADV-1007-KBX-4	4.3	2.5	1.5	1.1	1	40°C	Yes
16994817	S9O02	ADV-1015-KBX-4	5.8	4.3	2.2	1.5	1	40°C	Yes
17065920	S9O03	ADV-1022-KBX-4	7.6	5.8	3	2.2	1	40°C	Yes
16994819	S9O04	ADV-1030-KBX-4	9.5	7.6	4	3	1	40°C	Yes
16994820	S9O05	ADV-1040-KBX-4	13	9.5	5.5	4	1	40°C	Yes
16994821	S9O06	ADV-2055-KBX-4	16.5	13	7.5	5.5	2	40°C	Yes
16994822	S9O07	ADV-2075-KBX-4	23	16.5	11	7.5	2	40°C	Yes
17095382	S9O08	ADV-2110-KBX-4	31	23	15	11	2	40°C	Yes
16994824	S9O09	ADV-3150-KBX-4	38	31	18.5	15	3	40°C	Yes
17065921	S9O10	ADV-3185-KBX-4	46	38	22	18.5	3	40°C	Yes
17065922	S9O11	ADV-3220-KBX-4	62	46	30	22	3	40°C	Yes
16994827	S9O13	ADV-4300-KBX-4	75	62	37	30	4	40°C	Yes
16994839	S9O15	ADV-4370-KBX-4	87	75	45	37	4	40°C	Yes
17095383	S9O17	ADV-4450-KBX-4	105	87	55	45	4	40°C	Yes
17095384	S9O19	ADV-5550-KBX-4	150	105	75	55	5	40°C	Yes
16994826	S9O12	ADV-4300-KXX-4	75	62	37	30	4	40°C	No
17095386	S9O14	ADV-4370-KXX-4	87	75	45	37	4	40°C	No
17095387	S9O16	ADV-4450-KXX-4	105	87	55	45	4	40°C	No
17095478	S9O18	ADV-5550-KXX-4	150	105	75	55	5	40°C	No
16994840	S9O20	ADV-5750-KXX-4	180	150	90	55	5	40°C	No
17095479	S9O21	ADV-5900-KXX-4	210	180	110	90	5	40°C	No
16994841	S9O22	ADV-61100-KXX-4	250	210	132	110	6	40°C	No
16994843	S9O23	ADV-61320-KXX-4	300	250	160	132	6	40°C	No
17095480	S9O24	ADV-71600-KXX-4	385	300	200	160	7	40°C	No
17095481	S9O25	ADV-72000-KXX-4	460	385	260	200	7	40°C	No
17021689	S9O26	ADV-72500-KXX-4	590	460	330	260	7	40°C	No
17095482	S9O27	ADV-73150-KXX-4	650	590	355	330	7	40°C	No
17095484	S9O32	ADV-73551-KXX-4	730	650	400	355	7	40°C	No

ADV200 - Standard DC

Part Number	WAE Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
			ND	HD	ND	HD			
			A		kW				
380V - DC									
17095485	S9O10DC	ADV-3185-KXX-4-DC	46	38	22	18.5	3	40°C	No
17095486	S9O11DC	ADV-3220-KXX-4-DC	62	46	30	22	3	40°C	No
17095538	S9O12DC	ADV-4300-KXX-4-DC	75	62	37	30	4	40°C	No
17095541	S9O13DC	ADV-4370-KXX-4-DC	87	75	45	37	4	40°C	No
17095542	S9O14DC	ADV-4450-KXX-4-DC	105	87	55	45	4	40°C	No
17095544	S9O15DC	ADV-5550-KXX-4-DC	150	105	75	55	5	40°C	No
17095545	S9O16DC	ADV-5750-KXX-4-DC	180	150	90	75	5	40°C	No
17095547	S9O17DC	ADV-5900-KXX-4-DC	210	180	110	90	5	40°C	No
17095578	S9O18DC	ADV-61100-KXX-4-DC	250	210	132	110	6	40°C	No
17095579	S9O19DC	ADV-61320-KXX-4-DC	300	250	160	132	6	40°C	No
17095580	S9O20DC	ADV-71600-KXX-4-DC	385	300	200	160	7	40°C	No
17095582	S9O21DC	ADV-72000-KXX-4-DC	460	385	260	200	7	40°C	No
16994842	S9O22DC	ADV-72500-KXX-4-DC	590	460	330	260	7	40°C	No
17095583	S9O23DC	ADV-73150-KXX-4-DC	650	590	355	330	7	40°C	No
17095584	S9O32DC	ADV-73551-KXX-4-DC	730	650	400	355	7	40°C	No

Overload Capacity:

ND = Normal Duty: 150% during 3s; 110% during 60s every 300s.

HD = Heavy Duty: 180% during 0,5s; 150% during 60s every 300s.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

Frame size "7" does not have built-in DC-link Inductor. Input reactor MUST be used.

Field Oriented Vector Drive

ADV200 - STO + RFI

Part Number	WAE Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
			ND	HD	ND	HD			
			A		kW				
380V - 3AC									
17036925	S9O01SI	ADV-1007-KBX-4+SI	4.3	2.5	1.5	1.1	1	40°C	Yes
17036926	S9O02SI	ADV-1015-KBX-4+SI	5.8	4.3	2.2	1.5	1	40°C	Yes
17037018	S9O03SI	ADV-1022-KBX-4+SI	7.6	5.8	3	2.2	1	40°C	Yes
17095767	S9O04SI	ADV-1030-KBX-4+SI	9.5	7.6	4	3	1	40°C	Yes
17037019	S9O05SI	ADV-1040-KBX-4+SI	13	9.5	5.5	4	1	40°C	Yes
17095788	S9O06SI	ADV-2055-KBX-4+SI	16.5	13	7.5	5.5	2	40°C	Yes
17095789	S9O07SI	ADV-2075-KBX-4+SI	23	16.5	11	7.5	2	40°C	Yes
17095791	S9O08SI	ADV-2110-KBX-4+SI	31	23	15	11	2	40°C	Yes
17095792	S9O09SI	ADV-3150-KBX-4+SI	38	31	18.5	15	3	40°C	Yes
17037020	S9O10SI	ADV-3185-KBX-4+SI	46	38	22	18.5	3	40°C	Yes
17037022	S9O11SI	ADV-3220-KBX-4+SI	62	46	30	22	3	40°C	Yes
17037023	S9O13SI	ADV-4300-KBX-4+SI	75	62	37	30	4	40°C	Yes
17037024	S9O15SI	ADV-4370-KBX-4+SI	87	75	45	37	4	40°C	Yes
17037025	S9O17SI	ADV-4450-KBX-4+SI	105	87	55	45	4	40°C	Yes
17095793	S9O19SI	ADV-5550-KBX-4+SI	150	105	75	55	5	40°C	Yes
17095794	S9O12SI	ADV-4300-KXX-4+SI	75	62	37	30	4	40°C	No
17095795	S9O14SI	ADV-4370-KXX-4+SI	87	75	45	37	4	40°C	No
17095796	S9O16SI	ADV-4450-KXX-4+SI	105	87	55	45	4	40°C	No
17095797	S9O18SI	ADV-5550-KXX-4+SI	150	105	75	55	5	40°C	No
17095868	S9O20SI	ADV-5750-KXX-4+SI	180	150	90	75	5	40°C	No
17095869	S9O21SI	ADV-5900-KXX-4+SI	210	180	110	90	5	40°C	No
17095870	S9O22SI	ADV-61100-KXX-4+SI	250	210	132	110	6	40°C	No
17095871	S9O23SI	ADV-61320-KXX-4+SI	300	250	160	132	6	40°C	No
17095872	S9O24SI	ADV-71600-KXX-4+SI	385	300	200	160	7	40°C	No
17095873	S9O25SI	ADV-72000-KXX-4+SI	460	385	260	200	7	40°C	No
17095874	S9O26SI	ADV-72500-KXX-4+SI	590	460	330	260	7	40°C	No
17095875	S9O27SI	ADV-73150-KXX-4+SI	650	590	355	330	7	40°C	No
17095876	S9O32SI	ADV-73551-KXX-4+SI	730	650	400	355	7	40°C	No

ADV200 - DC - STO

Part Number	WAE Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
			ND	HD	ND	HD			
			A		kW				
380V - DC									
17095888	S9O10DS	ADV-3185-KXX-4-DC+SI	46	38	22	18.5	3	40°C	No
17095889	S9O11DS	ADV-3220-KXX-4-DC+SI	62	46	30	22	3	40°C	No
17095890	S9O12DS	ADV-4300-KXX-4-DC+SI	75	62	37	30	4	40°C	No
17095892	S9O13DS	ADV-4370-KXX-4-DC+SI	87	75	45	37	4	40°C	No
17095893	S9O14DS	ADV-4450-KXX-4-DC+SI	105	87	55	45	4	40°C	No
17095894	S9O15DS	ADV-5550-KXX-4-DC+SI	150	105	75	55	5	40°C	No
17095895	S9O16DS	ADV-5750-KXX-4-DC+SI	180	150	90	75	5	40°C	No
17095896	S9O17DS	ADV-5900-KXX-4-DC+SI	210	180	110	90	5	40°C	No
17095897	S9O18DS	ADV-61100-KXX-4-DC+SI	250	210	132	110	6	40°C	No
17095938	S9O19DS	ADV-61320-KXX-4-DC+SI	300	250	160	132	6	40°C	No
17095939	S9O20DS	ADV-71600-KXX-4-DC+SI	385	300	200	160	7	40°C	No
17095940	S9O21DS	ADV-72000-KXX-4-DC+SI	460	385	260	200	7	40°C	No
17095941	S9O22DS	ADV-72500-KXX-4-DC+SI	590	460	330	260	7	40°C	No
17095942	S9O23DS	ADV-73150-KXX-4-DC+SI	650	590	355	330	7	40°C	No
17095943	S9O32DS	ADV-73551-KXX-4-DC+SI	730	650	400	355	7	40°C	No

Overload Capacity:

ND = Normal Duty: 150% during 3s; 110% during 60s every 300s.

HD = Heavy Duty: 180% during 0,5s; 150% during 60s every 300s.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

Frame size "7" does not have built-in DC-link Inductor. Input reactor MUST be used.

Field Oriented Vector Drive

ADV200 - For IT Network ⁽³⁾

Part Number	WAE Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
			ND	HD	ND	HD			
			A		kW				
380V - 3AC									
17095585	S9O01IT	ADV-1007-KBX-4-IT	4.3	2.5	1.5	1.1	1	40°C	Yes
17095587	S9O02IT	ADV-1015-KBX-4-IT	5.8	4.3	2.2	1.5	1	40°C	Yes
17095628	S9O03IT	ADV-1022-KBX-4-IT	7.6	5.8	3	2.2	1	40°C	Yes
17095629	S9O04IT	ADV-1030-KBX-4-IT	9.5	7.6	4	3	1	40°C	Yes
17095630	S9O05IT	ADV-1040-KBX-4-IT	13	9.5	5.5	4	1	40°C	Yes
17095632	S9O06IT	ADV-2055-KBX-4-IT	16.5	13	7.5	5.5	2	40°C	Yes
17095633	S9O07IT	ADV-2075-KBX-4-IT	23	16.5	11	7.5	2	40°C	Yes
17095634	S9O08IT	ADV-2110-KBX-4-IT	31	23	15	11	2	40°C	Yes
17095635	S9O09IT	ADV-3150-KBX-4-IT	38	31	18.5	15	3	40°C	Yes
17095636	S9O10IT	ADV-3185-KBX-4-IT	46	38	22	18.5	3	40°C	Yes
17095678	S9O11IT	ADV-3220-KBX-4-IT	62	46	30	22	3	40°C	Yes
17095679	S9O13IT	ADV-4300-KBX-4-IT	75	62	37	30	4	40°C	Yes
17095680	S9O15IT	ADV-4370-KBX-4-IT	87	75	45	37	4	40°C	Yes
17095681	S9O17IT	ADV-4450-KBX-4-IT	105	87	55	45	4	40°C	Yes
17095682	S9O19IT	ADV-5550-KBX-4-IT	150	105	75	55	5	40°C	Yes
17095683	S9O12IT	ADV-4300-KXX-4-IT	75	62	37	30	4	40°C	No
17095684	S9O14IT	ADV-4370-KXX-4-IT	87	75	45	37	4	40°C	No
17095685	S9O16IT	ADV-4450-KXX-4-IT	105	87	55	45	4	40°C	No
17095686	S9O18IT	ADV-5550-KXX-4-IT	150	105	75	55	5	40°C	No
17095687	S9O20IT	ADV-5750-KXX-4-IT	180	150	90	75	5	40°C	No
17095758	S9O21IT	ADV-5900-KXX-4-IT	210	180	110	90	5	40°C	No
17095759	S9O22IT	ADV-61100-KXX-4-IT	250	210	132	110	6	40°C	No
17095760	S9O23IT	ADV-61320-KXX-4-IT	300	250	160	132	6	40°C	No
18447824	S9O24IT	ADV-71600-KXX-4-IT	385	300	200	160	7	40°C	No
18447471	S9O25IT	ADV-72000-KXX-4-IT	460	385	260	200	7	40°C	No
17095764	S9O26IT	ADV-72500-KXX-4-IT	590	460	330	260	7	40°C	No
18447971	S9O27IT	ADV-73150-KXX-4-IT	650	590	355	330	7	40°C	No
17095766	S9O32IT	ADV-73551-KXX-4-IT	730	650	400	355	7	40°C	No

Overload Capacity:

ND = Normal Duty: 150% during 3s; 110% during 60s every 300s.

HD = Heavy Duty: 180% during 0,5s; 150% during 60s every 300s.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

(3) No cUL mark

Frame size "7" does not have built-in DC-link Inductor. Input reactor MUST be used.

Field Oriented Vector Drive

ADV200 - Standard +RFI - 690V

Part Number	WAE Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
			ND	HD	ND	HD			
			A		kW				
690V - 3AC									
17098619	S9O75	ADV-71600-KXX-6	210	170	200	160	7	40°C	No
17098620	S9O76	ADV-72000-KXX-6	265	210	260	200	7	40°C	No
17098621	S9O77	ADV-72500-KXX-6	330	265	315	260	7	40°C	No
18447974	S9O78IN	ADV-73150-KXX-6	375	330	355	315	7	40°C	No
17888996	S9O79IN	ADV-73550-KXX-6	415	375	400	355	7	40°C	No

ADV200 DC - Standard - 690V

Part Number	WAE Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
			ND	HD	ND	HD			
			A		kW				
690V - DC									
17098624	S9O82	ADV-71600-KXX-6-DC	210	170	200	160	7	40°C	No
17098625	S9O83	ADV-72000-KXX-6-DC	265	210	260	200	7	40°C	No
17098626	S9O84	ADV-72500-KXX-6-DC	330	265	315	260	7	40°C	No
18447265	S9O85IN	ADV-73150-KXX-6-DC	375	330	355	315	7	40°C	No
17891072	S9O86IN	ADV-73550-KXX-6-DC	415	375	400	355	7	40°C	No

Overload Capacity:

ND = Normal Duty: 150% during 3s; 110% during 60s every 300s.

HD = Heavy Duty: 180% during 0,5s; 150% during 60s every 300s.

Units does not have built-in DC-link Inductor. Input reactor MUST be used.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

Field Oriented Vector Drive

ADV200 - Standard +STO +RFI - 690V

Part Number	WAE Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
			ND	HD	ND	HD			
			A		kW				
690V - 3AC									
17099041	S9O75SI	ADV-71600-KXX-6-SI	210	170	200	160	7	40°C	No
17099042	S9O76SI	ADV-72000-KXX-6-SI	265	210	260	200	7	40°C	No
17099043	S9O77SI	ADV-72500-KXX-6-SI	330	265	315	260	7	40°C	No
18448039	S9O78SIIN	ADV-73150-KXX-6-SI	375	330	355	315	7	40°C	No
17889362	S9O79SIIN	ADV-73550-KXX-6-SI	415	375	400	355	7	40°C	No

ADV200 DC - Standard +STO - 690V

Part Number	WAE Part Number	Product	Rated Current		Motor ⁽¹⁾		Frame Size	Max. ⁽²⁾ Temp.	Brake Chopper
			ND	HD	ND	HD			
			A		kW				
690V - DC									
17099047	S9O82SI	ADV-71600-KXX-6-DC-SI	210	170	200	160	7	40°C	No
17099088	S9O83SI	ADV-72000-KXX-6-DC-SI	265	210	260	200	7	40°C	No
17099089	S9O84SI	ADV-72500-KXX-6-DC-SI	330	265	315	260	7	40°C	No
18447329	S9O85SIIN	ADV-73150-KXX-6-DC-SI	375	330	355	315	7	40°C	No
17891073	S9O86SIIN	ADV-73550-KXX-6-DC-SI	415	375	400	355	7	40°C	No

Overload Capacity:

ND = Normal Duty: 150% during 3s; 110% during 60s every 300s.

HD = Heavy Duty: 180% during 0,5s; 150% during 60s every 300s.

Units does not have built-in DC-link Inductor. Input reactor MUST be used.

(1) Motor power ratings are based on: WEG - 50Hz - W22 IE3 Premium Efficiency - 4Poles

(2) Maximum surrounding air temperature without current derating

Front End Units

AFE200 - +RFI

Part Number	WAE Part Number	Product	Rated Output DC Current		Frame Size	Max. ⁽¹⁾ Temp.	Brake Chopper
			ND	HD			
			A				
690V - 3AC (3)							
17103212	S9AF50	AFE200-71600-KXX-6	210	165	7	40°C	No
17103213	S9AF51	AFE200-72000-KXX-6	265	210	7	40°C	No
17103214	S9AF52	AFE200-72500-KXX-6	330	265	7	40°C	No
18528019	S9AF53IN	AFE200-73150-KXX-6	375	330	7	40°C	No
17103216	S9AF54	AFE200-73550-KXX-6	420	375	7	35°C	No
17103217	S9AF51M	AFE200-72000-KXX-6-MS 04	500	396	7	40°C	No
17103228	S9AF51S	AFE200-72000-XXX-6-SL					
17103229	S9AF52M	AFE200-72500-KXX-6-MS 05	627	500	7	40°C	No
17103230	S9AF52S	AFE200-72500-XXX-6-SL					
18528020	S9AF53MIN	AFE200-73150-KXX-6-MS 06	1129	1012	7	40°C	No
18528021	S9AF53SIN	AFE200-73150-XXX-6-SL					
17103233	S9AF54M	AFE200-73550-KXX-6-MS 07	792	711	7	40°C	No
17103234	S9AF54S	AFE200-73550-XXX-6-SL					
18528022	S9AF53M1IN	AFE200-73150-KXX-6-MS 09	1598	1492	7	40°C	No
18528021	S9AF53SIN	AFE200-73150-XXX-6-SL					
18528021	S9AF53SIN	AFE200-73150-XXX-6-SL					
17103236	S9AF54M1	AFE200-73550-KXX-6-MS 10	1155	1012	7	35°C	No
17103234	S9AF54S	AFE200-73550-XXX-6-SL					
17103234	S9AF54S	AFE200-73550-XXX-6-SL					
17103237	S9AF54M4	AFE200-73550-KXX-6-MS 14	1485	1320	7	35°C	No
17103234	S9AF54S	AFE200-73550-XXX-6-SL					
17103234	S9AF54S	AFE200-73550-XXX-6-SL					
17103248	S9AF54S2	AFE200-73550-XXX-6-SL2					
17103249	S9AF54M5	AFE200-73550-KXX-6-MS 17	1810	1615	7	35°C	No
17103234	S9AF54S	AFE200-73550-XXX-6-SL					
17103234	S9AF54S	AFE200-73550-XXX-6-SL					
17103248	S9AF54S2	AFE200-73550-XXX-6-SL2					
17103248	S9AF54S2	AFE200-73550-XXX-6-SL2					

Overload Capacity:

ND = Normal Duty: 150% during 3s; 110% during 60s every 300s.

HD = Heavy Duty: 180% during 0,5s; 150% during 60s every 300s.

(1) Maximum surrounding air temperature without current derating

(3) No cUL mark

Front End Units

AFE - Precharging Kit ⁽¹⁾

Part Number	WAE Part Number	Model	Models	Power Rating
400Vac - 3AC				
17126514	S728286	PRE-CHARGE KIT-AFE-11-4	AFE200	Precharging kit for AFE200 160kW...710KW
17375365	S72828	PRE-CHARGE KIT-AFE-22/45-4	AFE200	Precharging kit for AFE200 900kW...1650KW
17126516	S728281	PRE-CHARGE KIT-AFE-90/132-4	AFE200	Precharging kit for AFE200 11kW
17064302	S728282	PRE-CHARGE KIT-AFE-160/710-4	AFE200	Precharging kit for AFE200 22kW...45KW
17126517	S728284	PRE-CHARGE KIT-AFE-900/1650-4	AFE200	Precharging kit for AFE200 90kW...132KW
690Vac - 3AC				
17126658	S728283	PRE-CHARGE KIT-AFE-160/710-6	AFE200	Precharging kit for AFE200-6 from 900kW up to1650kW (1800kW Light Duty)
17126659	S728285	PRE-CHARGE KIT-AFE-900/1650-6	AFE200	Precharging kit for AFE200-6 from 160kW up to 710kW (800kW Light Duty)

FFE200 - Input Reactors

Part Number	WAE Part Number	Model	Models	Power Rating
400Vac - 3AC				
17126742	S7ALF04	LR3-4-FFE-550	FFE200	FFE200-550-4FFE200-550-4+PRC
17126744	S7ALF05	LR3-4-FFE-730	FFE200	FFE200-730-4FFE200-730-4+PRC
17126745	S7ALF06	LR3-4-FFE-880	FFE200	FFE200-880-4FFE200-880-4+PRC
17126746	S7ALF10	LR3-4-PRC	FFE200	FFE200-550-4+PRCFFE200-730-4+PRCFFE200-880-4+PRC
690Vac - 3AC				
17126747	S7ALF01	LR3-6-FFE-500	FFE200	FFE200-500-6FFE200-500-6+PRC
17126778	S7ALF02	LR3-6-FFE-690	FFE200	FFE200-690-6FFE200-690-6+PRC
17126779	S7ALF03	LR3-6-FFE-760	FFE200	FFE200-760-6FFE200-760-6+PRC
17126780	S7ALF11	LR3-6-PRC	FFE200	FFE200-500-6+PRCFFE200-690-6+PRCFFE200-760-6+PRC

(1) No cUL Mark

Field Oriented Vector Drive

Accessories

Part Number	WAE Part Number	Model	Models	Description
I/O Expansion Modules				
16993193	S526L	EXP-IO-D6A4R1-ADV	ADV200 ADV200WA	2xDO 2xAI 2xAO 2xRelays double contact
16993321	S5L38	EXP-IO-D5R8-ADV	ADV200 WA	4xDI 1xDO 8xRelays single contact (or 4xRelays double contact)
16993322	S5L40	EXP-IO-SENS-100-ADV	ADV200 ADV200WA	2xPT100 2xAI 1xPTC-KTY84
16993320	S5L37	EXP-IO-SENS-1000-ADV	ADV200 ADV200WA	2xPTC1000 / NI1000 2xAI 1xPTC-KTY84
Encoders Modules				
16993306	S5L30	EXP-DE-I1R1F2-ADV	ADV200	Digital Encoder TTL / HTL: 1 Encoder input - 1 Encoder output - 2 Channels freeze
17127269	S5L31	EXP-SE-I1R1F2-ADV	ADV200	Sinusoidal Encoder : 1 Encoder Input - 1 Encoder output - 2 Channels freeze
17127270	S5L32	EXP-SESC-I1R1F2-ADV	ADV200	Absolute Sinusoidal Encoder SINCOS: 1 Encoder Input - 1 Encoder output - 2 Channels freeze
17127271	S5L42	EXP-ASC-I1-ADV	ADV200	Absolute Encoder SINCOS: 1 Encoder Input]
16993307	S5L33	EXP-EN/SSI-I1R1F2-ADV	ADV200	Absolute Encoder ENDAT/SSI: 1 Encoder Input - 1 Encoder output - 2 Channels freeze
17127272	S5L34	EXP-HIP-I1R1F2-ADV	ADV200	Absolute Encoder HIPERFACE: 1 Encoder Input - 1 Encoder output - 2 Channels freeze
16993318	S5L35	EXP-DE-I2R1F2-ADV	ADV200	Digital Encoder TTL / HTL: 2 Encoder Inputs - 1 Encoder output - 2 Channels freeze
16993323	S5L43	EXP-RES-I1R1-ADV	ADV200	Resolver interface: 1 Input - 1 Resolver Repeater (Required FW6.0.4 and higher)
17127273	S5L44	EXP-RES-I1R1-F-ADV	ADV200	Resolver interface: 1 Input - 1 Resolver Repeater (Required FW6.0.4 and higher) Not removable terminals version
Communication Modules				
17127276	S527L	EXP-CAN-ADV	ADV200	CANOpen - DeviceNet
17070814	S530L	EXP-PDP-ADV	ADV200	Profibus_DP
16993304	S5L09	EXP-ETH-CAT-ADV	ADV200	ETHERCAT protocol - Use only for replacements / existing application
17127277	S5L19	EXP-ETH-IP-ADV200	ADV200	Industrial Ethernet protocol - Use only for replacements / existing application
17127289	S5L60	EXP-ETH-PN-ADV200	ADV200	ETHERNET ProfiNETprotocol - Use only for replacements / existing application
18485271	S5L93	EXP-ETH2-PN-ADV200	ADV200	ETH2 ProfiNETprotocol
18485273	S5L92	EXP-ETH2-IP-ADV200	ADV200	ETH2 Ethernet protocol - Dual Port
18528269	S5L91	EXP-ETH2-CAT-ADV200	ADV200	ETH2 Ethercat protocol
17127290	S5L41	EXP-FL-XCAN-ADV	ADV200	Master CAN controller & Fast Link (ADV200 Fw6.X and higher)
Motor Sensor Interface				
17127330	S577L	KTY84-D01	ADV200 ADV200WA	KTY84 sensor interface
17127331	S576L	PTC-D01	ADV200 ADV200WA	PTC Sensor interface
Programming Keypads				
17010428	S5TT0	KB-ADV Remoting Kit 5m	ADV200 ADV200WA	Remoting Kit for KB-ADV with 5m cable
17127310	S5TT1	KB-ADV Remoting Kit 10m	ADV200 ADV200WA	Remoting Kit for KB-ADV with 10m cable
17070809	S5P3T	KB-ADV100	ADP200	Programming Keypad with internal memor
17127005	S72644	KIT KEY SD-CARD	ADV200 ADV200WA	Hardware key for data storage
Firmware and Software for Application				
On request	1S3A00	MDPIc 5.88.3	ADV200 ADV200WA	MDPLC 5.1 programming environment
On request	1S3E37	CD CESOIA VOLANTE ADV200	ADV200	ADV200 Application SW for Flying Shear
On request	1S3E64	CD APPL.ROLL FORM. FLYING SHEAR	ADV200	ADV200 Application SW for Flying Shear for Roll Forming machines

Accessories

Part Number	WAE Part Number	Model	Models	Description
Serial Connection				
17127006	8S864C	Cable-PCI485MF-9S 4,5m	ADV200 ADV200WA ADL200	D-SUB 9 PIN M/F 1/1 cable, length 4,5mt
17127007	8S874C	Cable-PCI485MF-9S 10m	ADV200 ADV200WA ADL200	D-SUB 9 PIN M/F 1/1 cable, length 10mt
17064281	S560T	PCI COM	ADV200 ADV200WA ADL200	Serial converter RS232 / RS485 (to be used with Cable for Serial Interface 8S864C)
17127312	8S8F64	USB-RS485 Converter	ADV200 ADV200WA ADL200	Serial converter USB / RS485 (length 5 mt)
17064278	8S8F62	USB-RS232 Converter	ADV200 ADV200WA ADL200	Serial converter USB / RS232 (length 1,2 mt)
16993194	S533L	OPT – RS485 – ADV	ADV200 ADV200WA ADL200	Optocoupler for RS485 in Multidrop connections
17127316	S7QK7	Fastlink cable 65cm	ADV200	Fastlink cable 65cm
17127317	S7QK8	Fastlink cable 115cm	ADV200	Fastlink cable 115cm
17127318	S72795	CAN cable 3M	ADV200	CAN Cable 3 Meters for EXP-FL-XCAN-ADV card
17127319	S728081	ADV FastLink cable 1M	ADV200	1 mt Interface cable - Plastic cable (Simplex) not reinforced
17127320	S728082	ADV FastLink cable 2M	ADV200	2 mt Interface cable - Plastic cable (Simplex) not reinforced
17127321	S728083	ADV FastLink cable 3M	ADV200	3 mt Interface cable - Plastic cable (Simplex) not reinforced
17127322	S728084	ADV FastLink cable 5M	ADV200	5 mt Interface cable - Plastic cable (Simplex) reinforced
17127323	S7280811	ADV FastLink cable 10M	ADV200	10 mt Interface cable - Plastic cable (Simplex) reinforced
17127324	S728089	ADV FastLink cable 20M	ADV200	20 mt Interface cable - Plastic cable (Simplex) reinforced
17127325	S7280812	ADV FastLink cable 25M	ADV200	25 mt Interface cable - Plastic cable (Simplex) reinforced
Internal Fuses ADV200 DC				
17127333	S8B21BF	PWR-XC-500A-690V	ADV200DC	Fusibles Internos Lado DC Link para ADV200-DC at 400Vac - 160kW
17127334	S8B22BF	PWR-XC-630A-690V	ADV200DC	Fusibles Internos Lado DC Link para ADV200-DC at 400Vac - 200kW
17127335	S8B23BF	PWR-XC-800A-690V	ADV200DC	Fusibles Internos Lado DC Link para ADV200-DC at 400Vac - 250kW
17127336	S8B24BF	PWR-XC-1000A-690V	ADV200DC	Fusibles Internos Lado DC Link para ADV200-DC at 400Vac - 315kW
17127336	S8B24BF	PWR-XC-1000A-690V	ADV200DC	Fusibles Internos Lado DC Link para ADV200-DC at 400Vac - 355kW
17127337	S85C13	PWR-XC-400A-1250V	ADV200DC	Fusibles Internos Lado DC Link para ADV200-DC at 690Vac - 160kW
17127348	S85C14	PWR-XC-500A-1250V	ADV200DC	Fusibles Internos Lado DC Link para ADV200-DC at 690Vac - 200kW
17127349	S85C15	PWR-XC-630A-1250V	ADV200DC	Fusibles Internos Lado DC Link para ADV200-DC at 690Vac - 250kW
17127350	S85C16	PWR-XC-700A-1250V	ADV200DC	Fusibles Internos Lado DC Link para ADV200-DC at 690Vac - 315kW
17127351	S85C17	PWR-XC-800A-1250V	ADV200DC	Fusibles Internos Lado DC Link para ADV200-DC at 690Vac - 355kW

Front End Units

AFE - LCL Input Filters ⁽¹⁾

Part Number	WAE Part Number	Model	Models	Power Rating
690Vac - 3AC - Normal Duty				
17127165	S7LC20	LCL-Kit-AFE-6-160-LD	AFE200	1x (160kW)
17127162	S7LC12	LCL-Kit-AFE-6-200-LD/250-HD	AFE200	1x (200kW) 2x (400kW)
17127163	S7LC13	LCL-Kit-AFE-6-250-LD/315-HD	AFE200	1x (250kW) 2x (500kW)
17127164	S7LC14	LCL-Kit-AFE-6-315-LD/355-HD	AFE200	1x (315kW) 2x (630kW) 3x (900kW)
17127166	S7LC21	LCL-Kit-AFE-6-355-LD	AFE200	1x (355kW) 2x (710kW) 3x (1000kW) 4x (1350kW) 5x (1650kW)
690Vac - 3AC - Heavy Duty				
17127160	S7LC10	LCL-Kit-AFE-6-160-HD	AFE200	1x (160kW)
17127161	S7LC11	LCL-Kit-AFE-6-200-HD	AFE200	1x (200kW) 2x (400kW)
17127162	S7LC12	LCL-Kit-AFE-6-200-LD/250-HD	AFE200	1x (250kW) 2x (500kW)
17127163	S7LC13	LCL-Kit-AFE-6-250-LD/315-HD	AFE200	1x (315kW) 2x (630kW) 3x (900kW)
17127164	S7LC14	LCL-Kit-AFE-6-315-LD/355-HD	AFE200	1x (355kW) 2x (710kW) 3x (1000kW) 4x (1350kW) 5x (1650kW)

(1) No cUL Mark

Front End Units

Accessories - RFI Filter Second Environment Restricted Distribution - C3 / 50m

Part Number	WAE Part Number	Model	Models	Power Rating
400Vac - 3AC - Normal Duty				
17127109	S7GHE	EMI-FN3120H-480V-25A	AFE200	1x (11kW)
17375538	S73EE	EMI FN3120 - 480 - 80	AFE200	1x (22kW)
17127115	S7DGZ	EMI FN3120 - 480 - 110	AFE200	1x (45kW)
17127112	S74EE	EMI FN3120 - 480 - 230	AFE200	1x (90kW)
17127113	S7GOH	EMI FN3359 - 480 - 320	AFE200	1x (132kW)
17127114	S7GHY	EMI FN3359 - 480 - 400	AFE200	1x (160kW - 200kW) 2x (400kW)
17126781	S7GHW	EMI FN3359 - 480 - 600	AFE200	1x (250kW - 315kW - 355kW) 2x (600kW - 630kW - 710kW) 3x (900kW - 1000kW) 4x (1350kW) 5x (1650kW)
400Vac - 3AC - Heavy Duty				
17127109	S7GHE	EMI-FN3120H-480V-25A	AFE200	1x (11kW)
17127110	S7DGV	EMI FN3120 - 480 - 50	AFE200	1x (22kW)
17375538	S73EE	EMI FN3120 - 480 - 80	AFE200	1x (45kW)
17127112	S74EE	EMI FN3120 - 480 - 230	AFE200	1x (90kW)
17127113	S7GOH	EMI FN3359 - 480 - 320	AFE200	1x (132kW)
17127114	S7GHY	EMI FN3359 - 480 - 400	AFE200	1x (160kW - 200kW) 2x (400kW)
17126781	S7GHW	EMI FN3359 - 480 - 600	AFE200	1x (250kW - 315kW - 355kW) 2x (600kW - 630kW - 710kW) 3x (900kW - 1000kW) 4x (1350kW) 5x (1650kW)
690Vac - 3AC - Normal Duty				
18528229	S7EMI14	EMI-FN3359HV-690-180	AFE200	1x (160kW)
18528230	S7EMI15	EMI-FN3359HV-690-250	AFE200	1x (200kW) 2x (400kW)
18528231	S7EMI16	EMI-FN3359HV-690-320	AFE200	1x (250kW - 315kW) 2x (500kW - 630kW) 3x (900kW)
18528233	S7EMI17	EMI-FN3359HV-690-400	AFE200	1x (355kW) 2x (710kW) 3x (1000kW) 4x (1350kW) 5x (1650kW)
690Vac - 3AC - Heavy Duty				
18528228	S7EMI13	EMI-FN3359HV-690-150	AFE200	1x (160kW)
18528229	S7EMI14	EMI-FN3359HV-690-180	AFE200	1x (200kW) 2x (400kW)
18528230	S7EMI15	EMI-FN3359HV-690-250	AFE200	1x (250kW) 2x (500kW)
18528231	S7EMI16	EMI-FN3359HV-690-320	AFE200	1x (315kW - 355kW) 2x (630kW - 710kW) 3x (900kW - 1000kW) 4x (1350kW) 5x (1650kW)