

APPENDIX A - FIGURES ANEXO A - FIGURAS

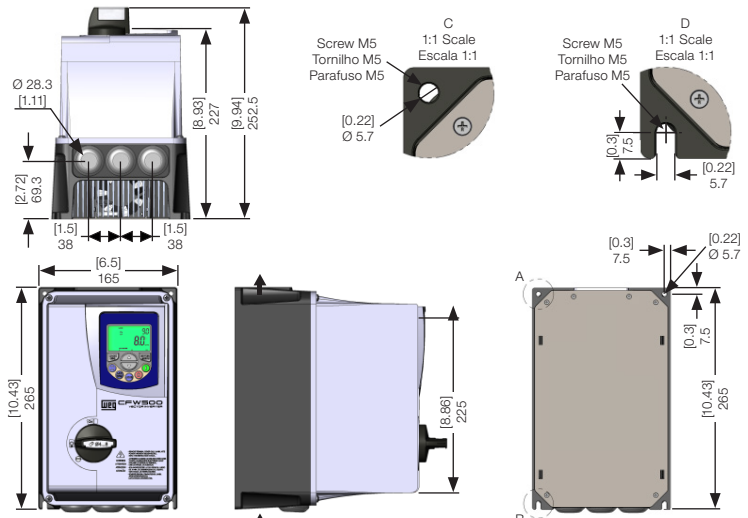


Figure A.1: Dimensions of the CFW500 IP66 frame size A

Figura A.1: Dimensiones CFW500 IP66 tamaño A

Figura A.1: Dimensões CFW500 IP66 mecânica A

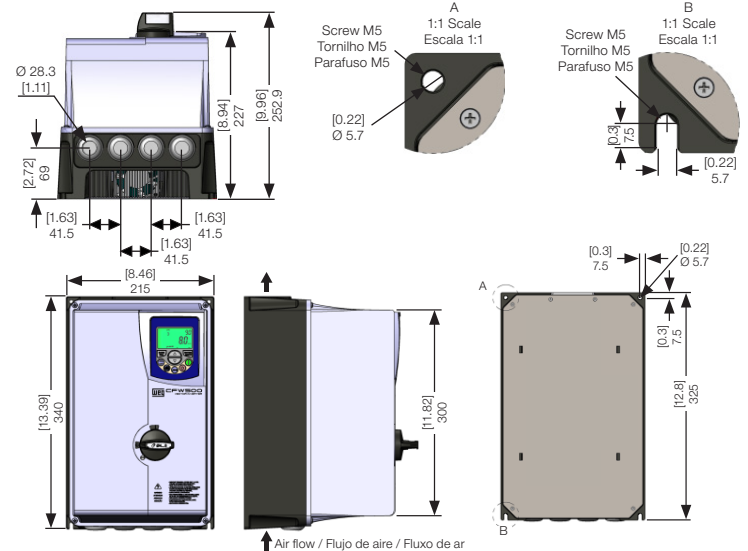


Figure A.2: Dimensions of the CFW500 IP66 frame size B

Figura A.2: Dimensiones CFW500 IP66 tamaño B

Figura A.2: Dimensões CFW500 IP66 mecânica B

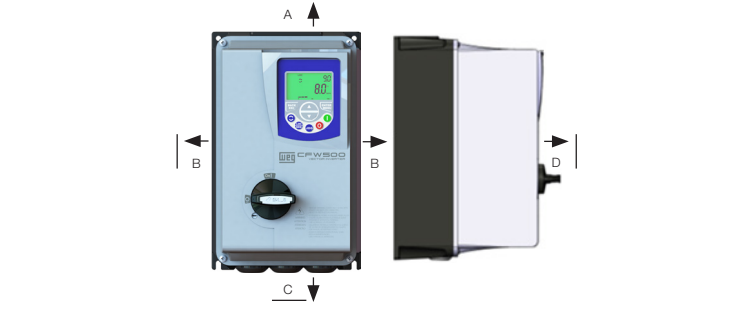


Figure A.3: Minimum ventilation free spaces

Figura A.3: Espacios libres mínimos para ventilación

Figura A.3: Espaços livres mínimos para ventilação

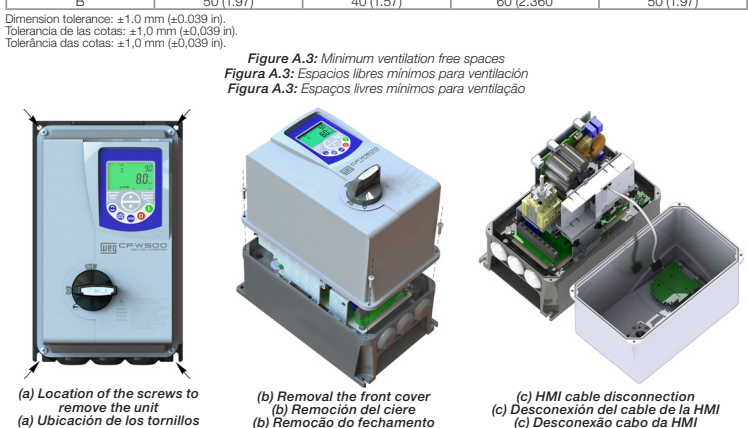


Figure A.4: (a) to (c) Procedure to remove the CFW500 IP66 front cover

Figura A.4: (a) a (c) Procedimiento de remoción del cierre frontal del CFW500 IP66

Figura A.4: (a) a (c) Procedimento de remoção do fechamento frontal do CFW500 IP66

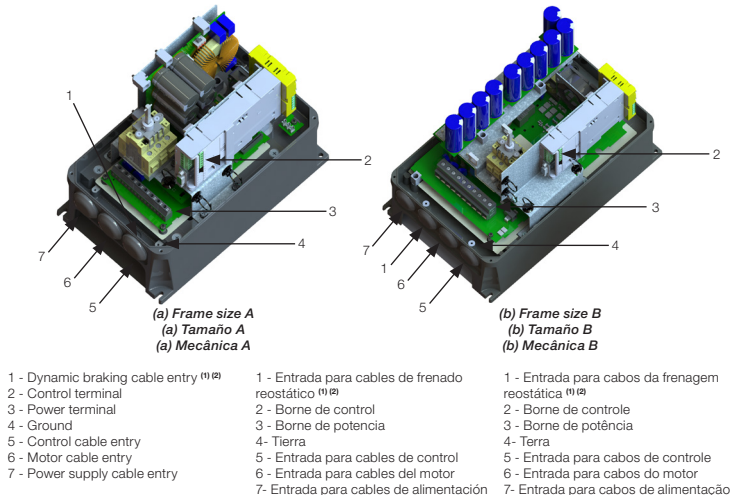


Figure A.5: (a) and (b) Locations of the power, grounding and control connections

Figura A.5: (a) y (b) Ubicaciones de las conexiones de potencia, puesta a tierra y control

Figura A.5: (a) e (b) Localizações das conexões de potência, aterramento e controle

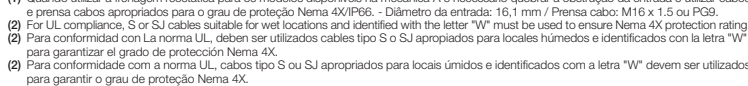


Figure A.6: CFW500-IO5 plug-in module connector signals

Figura A.6: Señales del conector del módulo plug-in CFW500-IO5

Figura A.6: Sinais do conector do módulo plug-in CFW500-IO5

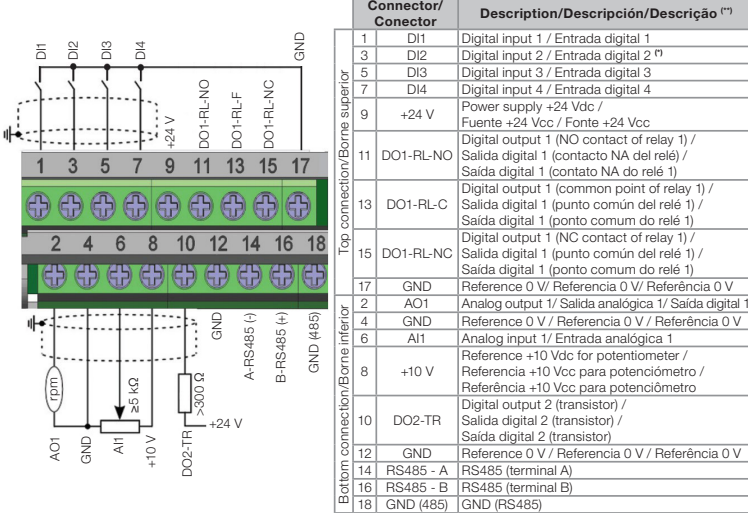


Figure A.7: (a) and (b) Product closing

Figura A.7: (a) y (b) Cierre del producto

Figura A.7: (a) e (b) Fechamento do produto



Figure A.8: HMI of the CFW500 Nema 4X/IP66

Figura A.8: HMI del CFW500 Nema 4X/IP66

Figura A.8: HMI do CFW500 Nema 4X/IP66

APPENDIX B - TECHNICAL SPECIFICATIONS ANEXO B - ESPECIFICACIONES TÉCNICAS ANEXO B - ESPECIFICAÇÕES TÉCNICAS

Table B.1: List of models of IP66 series, main electrical specifications Tabla B.1: Relación de modelos de línea IP66, especificaciones eléctricas principales Tabela B.1: Relação de modelos da linha IP66, especificações elétricas principais										
Inverter Convertidor Inversor	Number of Input Phases N° de Fases de Alimentación Tensão Nominal de Alimentação	Power Supply Rated Voltage Tensión Nominal de Alimentación Frame Size / Tamanho / Mecânica	Output Rated Current Corriente Salida Nominal Corrente Nominal de Saída	Maximum Motor Motor Máximo	Power Wire Size Calibre de los Cables de Potencia Bitola dos Cabos de Potência	Grounding Wire Size Calibre del Cable de Aterramiento Bitola do Cabo de Aterramento	Dynamic Braking Frenado Reostático Frenagem Reostática			
							Maximum Current Corriente Máxima Corrente Máxima	Recommended Resistor Resistor Recomendado	Braking rms Current Corriente Eficaz de Frenado Corrente Eficaz de Frenagem	Power Wire Size for DC+UD Calibre dos Cabos DC+UD +UD e BR
	[Vrms]	[Arms]	[HP/ kW]	mm²	mm²	[lmax] [A]	[Ω]	[A]	mm²	
1	A	220 ... 240	1.6	0.25/0.18	1.5	2.5	6	127	4.5	1.5
			2.6	0.5/0.37	1.5	2.5	6	127	4.5	1.5
			4.3	1.0/75	1.5	2.5	6	127	4.5	1.5
			7.3	2.1/5	4.0	4.0	10	39	7	2.5
			10	3/2	4.0	4.0	15	27	11	2.5
			1.6	0.25/0.18	1.5	2.5	6	127	4.5	1.5
			2.6	0.5/0.37	1.5	2.5	6	127	4.5	1.5
			4.3	1.0/75	1.5	2.5	6	127	4.5	1.5
			7.3	2.1/5	2.5/1.5 ^(a)	4.0	10	39	7	2.5
			10	3/2	4.0/2.5 ^(a)	4.0	15	27	11	2.5
			16	5/3.7	4.0	4.0	20	20	14	4.0
			24	7.5/5.6	6.0	4.0	26	15	13	6.0
3	B	380 ... 480	28	10/7.5	6.0	6.0	38	10	18	6.0
			33	12.5/9.2	6.0	6.0	45	8.6	22	6.0
			1.0	0.25/0.18	1.5	2.5	6	127	4.5	1.5
			1.6	0.5/0.37	1.5	2.5	6	127	4.5	1.5
			2.6	1.5/1.1	1.5	2.5	6	127	4.5	1.5
			4.3	2/1.5	1.5	2.5	6	127	4.5	1.5
			6.5	3/2	1.5	2.5	8	100	5.7	2.5
			10	5/3.7	2.5	2.5	16	47	11.5	2.5
			14	7.5/5.5	4.0	4.0	24	33	14	6
			16	10/7.5	4.0	4.0	24	33	14	6
			24	15/11	6.0	6.0	34	22	21	6.0
			31	20/15	6.0	6.0	48	18	27	6.0
500... 600	B	500... 600	1.7	10/7.5	1.5	2.5	12	825	0.6	1.5
			3.0	2/1.5	1.5	2.5	2.6	392	1.3	1.5
			4.3	3/2	1.5	2.5	4	249	2	1.5
			7.0	5/3.7	2.5	2.5	6	165	3	1.5
			10	7.5/5.5	2.5	2.5	9	110	4.5	1.5
			12	10/7.5	2.5	2.5	12.2	82	6.1	1.5

(1) The first number refers to the single-phase and the second to the three-phase supply.
(2) El primer número se refiere a la alimentación monofásica y el segundo número a la alimentación trifásica.
(3) O primeiro número refere-se à alimentação monofásica e o segundo número à alimentação trifásica.

Table B.2: Fuses and circuit breaker specifications according to UL standard Tabla B.2: Especificaciones de fusibles y disyuntores conforme la norma UL Tabela B.2: Especificações de fusíveis e disjuntores conforme norma UL									
Inverter Convertidor Inversor	Recommended Fuse Fusible Recomendado Fusível Recomendado			Circuit Breaker Disyuntor Disjuntor					
	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]	[A]
CFW500A01P6S2DB66	450	40/25	FNH00-40K-A	5.5	MPW18-3-D063	5.5	MPW18-3-D063	5.5	MPW18-3-D063
CFW500A02P6S2DB66	450	40/25	FNH00-40K-A	9.0	MPW18-3-U010	9.0	MPW18-3-U010	9.0	MPW18-3-U010
CFW500A04P3S2DB66	450	40/25	FNH00-40K-A	13.5	MPW18-3-U016	13.5	MPW18-3-U016	13.5	MPW18-3-U016
CFW500A07P3S2DB66	450	40/25	FNH00-40K-A	25	MPW40-3-U025	25	MPW40-3-U025	25	MPW40-3-U025
CFW500A10P0S2DB66	450	63/25	FNH00-40K-A	25	MPW40-3-U025	25	MPW40-3-U025	25	MPW40-3-U025
CFW500A1P6B2DB66	450	40/20	FNH00-40K-A	5.5/2.5	MPW18-3-D063	5.5/2.5	MPW18-3-D063	5.5/2.5	MPW18-3-D063
CFW500A02P6B2DB66	450	40/20	FNH00-40K-A	9.0/4.0	MPW18-3-U010	9.0/4.0	MPW18-3-U010	9.0/4.0	MPW18-3-U010
CFW500A04P3B2DB66	450	40/20	FNH00-40K-A	14/6.3	MPW18-3-U016	14/6.3	MPW18-3-U016	14/6.3	MPW18-3-U016
CFW500A07P3B2DB66	450	40/20	FNH00-40K-A	25/12	MPW40-3-U025	25/12	MPW40-3-U025	25/12	MPW40-3-U025
CFW500A10P0B2DB66	450	63/25	FNH00-40K-A	32/16	MPW18-3-U016	32/16	MPW18-3-U016	32/16	MPW18-3-U016
CFW500A16P0T2DB66	1000	40	FNH00-40K-A	25	MPW40-3-U025	25	MPW40-3-U025	25	MPW40-3-U025
CFW500B28P0T2DB66	2750	63	FNH00-63K-A	40	MPW40-3-U040	40	MPW40-3-U040	40	MPW40-3-U040
CFW500B33P0T2DB66	2750	80	FNH00-80K-A	50	MPW65-3-U050	50	MPW65-3-U050	50	MPW65-3-U050
CFW500A01P0T4DB66	450	20	FNH00-20K-A	1.6	MPW18-3-D016	1.6	MPW18-3-D016	1.6	MPW18-3-D016
CFW500A01P6T4DB66	450	20	FNH00-20K-A	2.5	MPW18-3-D025	2.5	MPW18-3-D025	2.5	MPW18-3-D025
CFW500A02P6T4DB66	450	20	FNH00-20K-A	4.0	MPW18-3-U004	4.0	MPW18-3-U004	4.0	MPW18-3-U004
CFW500A04P3T4DB66	450	20	FNH00-20K-A	6.3	MPW18-3-U063	6.3	MPW18-3-U063	6.3	MPW18-3-U063
CFW500A06P5T4DB66	450	20	FNH00-20K-A	10	MPW18-3-U010	10	MPW18-3-U010	10	MPW18-3-U010
CFW500A10P0T4DB66	1000	25	FNH00-25K-A	16	MPW18-3-U016	16	MPW18-3-U016	16	MPW18-3-U016
CFW500B14P0T4DB66	1000	35	FNH00-35K-A	20	MPW40-3-U020	20	MPW40-3-U020	20	MPW40-3-U020
CFW500B16P0T4DB66	1000	35	FNH00-35K-A	25	MPW40-3-U025	25	MPW40-3-U025	25	MPW40-3-U025
CFW500B24P0T4DB66	1800	60	FNH00-63K-A	40	MPW65-3-U040	40	MPW65-3-U040	40	MPW65-3-U040
CFW500B31P0T4DB66	1800	60	FNH00-63K-A	50	MPW65-3-U050	50	MPW65-3-U050	50	MPW65-3-U050
CFW500B01P7T5DB66	495	20	FNH00-20K-A	2.5	MPW18-3-U025	2.5	MPW18-3-U025	2.5	MPW18-3-U025
CFW500B04P3T5DB66	495	20	FNH00-20K-A	4	MPW18-3-U004	4	MPW18-3-U004	4	MPW18-3-U004
CFW500B07P0T5DB66	495	20	FNH00-20K-A	6.3	MPW18-3-U063	6.3	MPW18-3-U063	6.3	MPW18-3-U063
CFW500B10P0T5DB66	495	25	FNH00-25K-A	10	MPW18-3-U010	10	MPW18-3-U010	10	MPW18-3-U010
CFW500B12P0T5DB66	495	25	FNH00-25K-A	16	MPW18-3-U016	16	MPW18-3-U016	16	MPW18-3-U016

(1) The first number refers to the single-phase and the second to the three-phase supply.
(2) El primer número se refiere a la alimentación monofásica y el segundo número a la alimentación trifásica.
(3) O primeiro número refere-se à alimentação monofásica e o segundo número à alimentação trifásica.

Convertidor Inversor	Fusível Recomendado					Disyuntor	
	[A] [A²s]	Current Corriente Corrente [A]	Recommended WEG aR Fuse Fusible aR WEG Recomendado		[A]	WEG	
CFW500A01P6S2DB66	450	40 (a)	FNH00-40K-A		5.5	MPW18-3-D063	
CFW500A01P6S2DB66	450	40 (a)	FNH00-40K-A		9.0	MPW18-3-U010	
CFW500A04P3S2DB66	450	40 (a)	FNH00-40K-A		13.5	MPW18-3-U016	
CFW500A07P3S2DB66	450	40 (a)	FNH00-40K-A		25	MPW40-3-U025	
CFW500A01P0S2DB66	450	63 (a)	FNH00-40K-A		25	MPW40-3-U025	
CFW500A01P6B2DB66	450	40/20 (a) (a)	FNH00-40K-A/ FNH00-20K-A (a)		5.5/2.5 (a)	MPW18-3-D063/ MPW18-3-D025 (a)	
CFW500A02P6B2DB66	450	40/20 (a) (a)	FNH00-40K-A/ FNH00-20K-A		9.0/4.0 (a)	MPW18-3-U010/ MPW18-3-U040 (a)	
CFW500A04P3B2DB66	450	40/20 (a) (a)	FNH00-40K-A/ FNH00-20K-A		14/6.3 (a)	MPW18-3-U016/ MPW18-3-D063 (a)	
CFW500A07P3B2DB66	450	40/20 (a) (a)	FNH00-40K-A/ FNH00-20K-A (a)		25/12 (a)	MPW40-3-U025/ MPW18-3-U016 (a)	
CFW500A01P0B2DB66	450	63/25 (a) (a)	FNH1-63K-A/ FNH00-25K-A		32/16 (a)	MPW40-3-U032/ MPW18-3-U016 (a)	
CFW500A16P0T2DB66	1000	40 (a)	FNH00-40K-A		25	MPW40-3-U025	
CFW500B24P0T2DB66	1000	63 (a)	FNH00-63K-A		40	MPW40-3-U040	
CFW500B28P0T2DB66	2750	63 (a)	FNH00-63K-A		40	MPW65-3-U040	
CFW500B33P0T2DB66	2750	80 (a)	FNH00-80K-A		50	MPW65-3-U050	
CFW500A01P0T4DB66	450	20 (a)	FNH00-20K-A		1.6	MPW18-3-U016	
CFW500A01P6T4DB66	450	20 (a)	FNH00-20K-A		2.5	MPW18-3-U025	
CFW500A02P6T4DB66	450	20 (a)	FNH00-20K-A		4.0	MPW18-3-U034	
CFW500A04P3T4DB66	450	20 (a)	FNH00-20K-A		6.3	MPW18-3-U063	
CFW500A06P5T4DB66	450	20 (a)	FNH00-20K-A		10	MPW18-3-U010	
CFW500A010P0T4DB66	1000	25 (a)	FNH00-25K-A		16	MPW18-3-U016	
CFW500B14P0T4DB66	1000	35 (a)	FNH00-35K-A		20	MPW40-3-U020	
CFW500B16P0T4DB66	1000	35 (a)	FNH00-35K-A		25	MPW40-3-U025	
CFW500B24P0T4DB66	1800	60 (a)	FNH00-63K-A		40	MPW65-3-U040	
CFW500B31P0T4DB66	1800	60 (a)	FNH00-63K-A		50	MPW65-3-U050	
CFW500B7P0T5DB66	495	20 (a)	FNH00-20K-A		2.5	MPW18-3-U025	
CFW500B30P0T5DB66	495	20 (a)	FNH00-20K-A		4.4	MPW18-3-U034	
CFW500A04P3T5DB66	495	20 (a)	FNH00-20K-A		6.3	MPW18-3-U063	
CFW500B07P0T5DB66	495	20 (a)	FNH00-20K-A		10	MPW18-3-U010	
CFW500B10P0T5DB66	495	25 (a)	FNH00-25K-A		16	MPW18-3-U016	
CFW500B12P0T5DB66	495	25 (a)	FNH00-25K-A		16	MPW18-3-U016	
(1) The first number refers to the single-phase and the second to the three-phase supply.							