



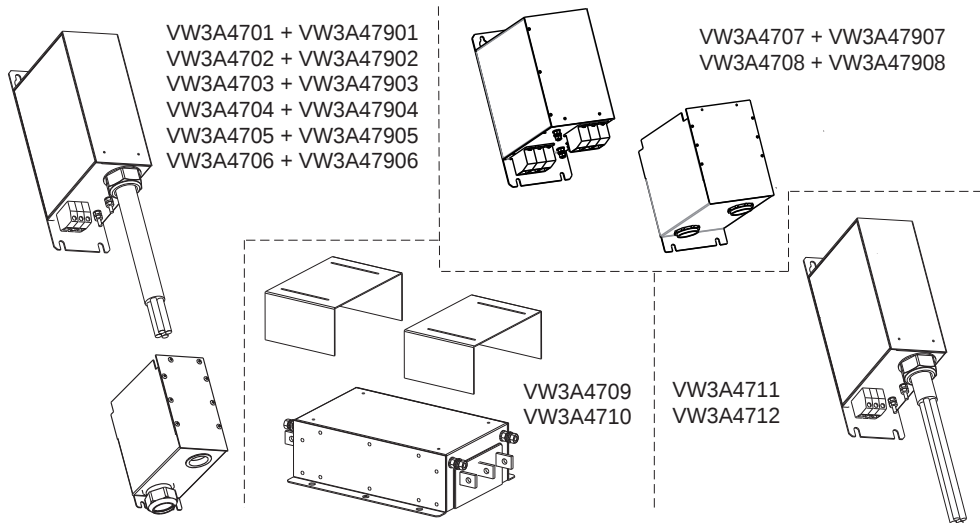
NHA1112104

Input EMC Filters

Metal kit IP21

VW3A4701 ... 12

VW3A47901 ... 908



⚠ ⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

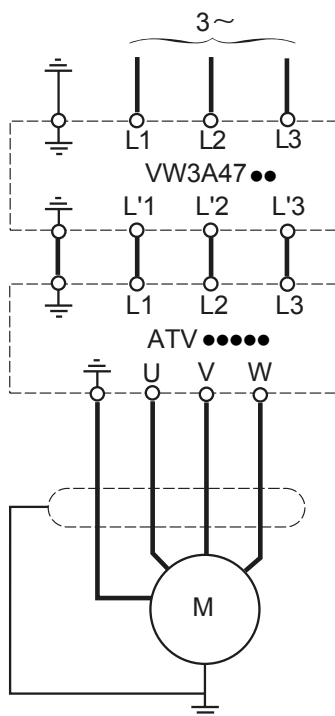
- Only appropriately trained persons who are familiar with and understand the contents of this manual and all other pertinent product documentation and who have received safety training to recognize and avoid hazards involved are authorized to work on and with this drive system. Installation, adjustment, repair, and maintenance must be performed by qualified personnel.
- The system integrator is responsible for compliance with all local and national electrical code requirements as well as all other applicable regulations with respect to grounding of all equipment.
- Many components of the product, including the printed circuit boards, operate with mains voltage. Do not touch. Use only electrically insulated tools.
- Do not touch unshielded components or terminals with voltage present.
- Motors can generate voltage when the shaft is rotated. Prior to performing any type of work on the drive system, block the motor shaft to prevent rotation.
- AC voltage can couple voltage to unused conductors in the motor cable. Insulate both ends of unused conductors of the motor cable.
- Do not short across the DC bus terminals or the DC bus capacitors or the braking resistor terminals.
- Before performing work on the drive system:
 - Disconnect all power, including external control power that may be present.
 - Place a "Do Not Turn On" label on all power switches.
 - Lock all power switches in the open position.
 - Wait 15 minutes to allow the DC bus capacitors to discharge. The DC bus LED is not an indicator of the absence of DC bus voltage that can exceed 800 Vdc.
 - Measure the voltage on the DC bus between the DC bus terminals (PA/+ and PC/-) using a properly rated voltmeter to verify that the voltage is <42 Vdc.
 - If the DC bus capacitors do not discharge properly, contact your local Schneider Electric representative. Do not repair or operate the product.
- Install and close all covers before applying voltage.

Failure to follow these instructions will result in death or serious injury.

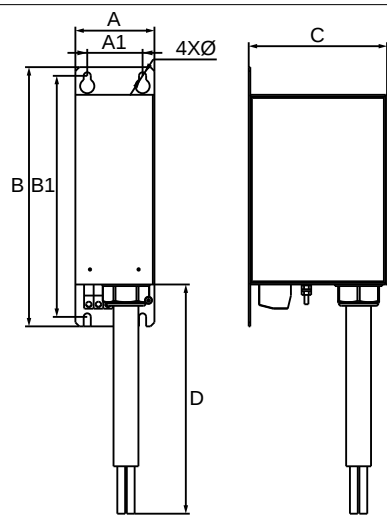
Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this product.

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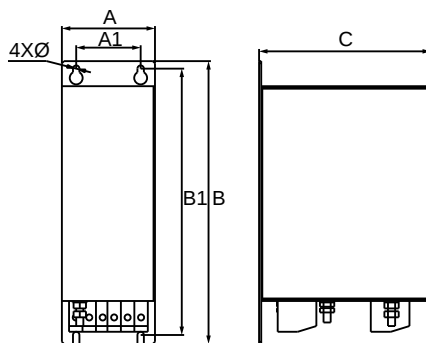
INPUT EMC FILTERS		METAL KIT IP21
VW3A4701	8A	VW3A47901
VW3A4702	15A	VW3A47902
VW3A4703	35A	VW3A47903
VW3A4704	50A	VW3A47904
VW3A4705	70A	VW3A47905
VW3A4706	100A	VW3A47906
VW3A4707	160A	VW3A47907
VW3A4708	200A	VW3A47908
VW3A4709	240A	-
VW3A4710	320A	-
VW3A4711	50A	-
VW3A4712	70A	-



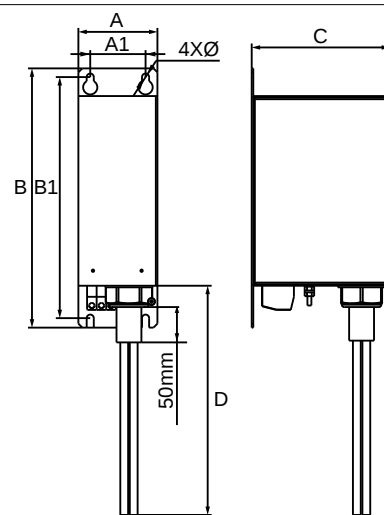
www.schneider-electric.com



VW3A4701 ... 06

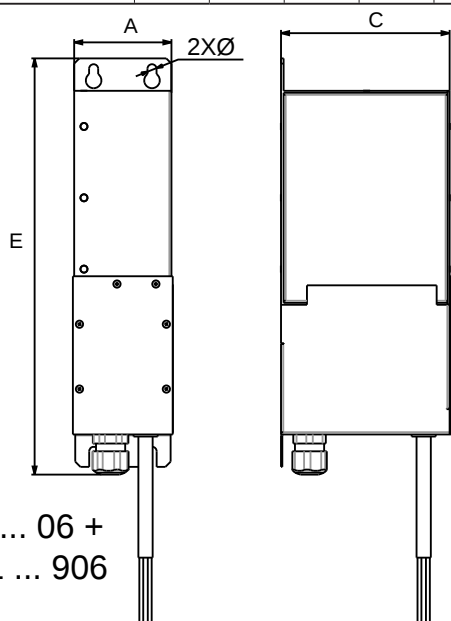


VW3A4707
VW3A4708

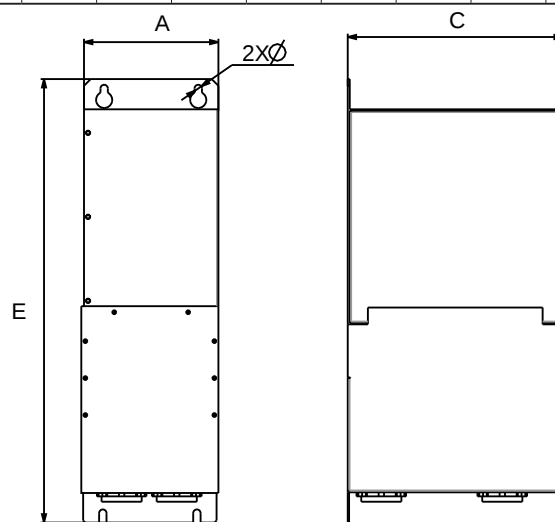


VW3A4711 ... 12

INPUT EMC FILTERS	A		B		C		D		A1		B1		Ø	
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
VW3A4701	75	3.0	220	8.7	130	5.1	500	19.7	45	1.8	200	7.9	7	0.28
VW3A4702	75	3.0	240	9.4	140	5.5	500	19.7	45	1.8	220	8.7	7	0.28
VW3A4703	80	3.2	302	11.9	155	6.1	750	29.5	50	2.0	282	11.1	7	0.28
VW3A4704	90	3.5	283	11.1	165	6.5	950	37.4	70	2.8	268	10.6	5.5	0.22
VW3A4705	100	3.9	328	12.9	175	6.9	1000	39.4	70	2.8	305	12	9	0.35
VW3A4706	120	4.7	340	13.4	180	7.1	1300	51.2	80	3.1	322	12.7	7	0.28
VW3A4707	130	5.1	395	15.6	240	9.4	-	-	90	3.5	372	14.6	9	0.35
VW3A4708	200	7.9	445	17.5	320	12.6	-	-	140	5.5	415	16.3	11	0.43
VW3A4711	90	3.5	283	11.1	165	6.5	950	37.4	70	2.8	268	10.6	5.5	0.22
VW3A4712	100	3.9	328	12.9	175	6.9	1000	39.4	70	2.8	305	12	9	0.35

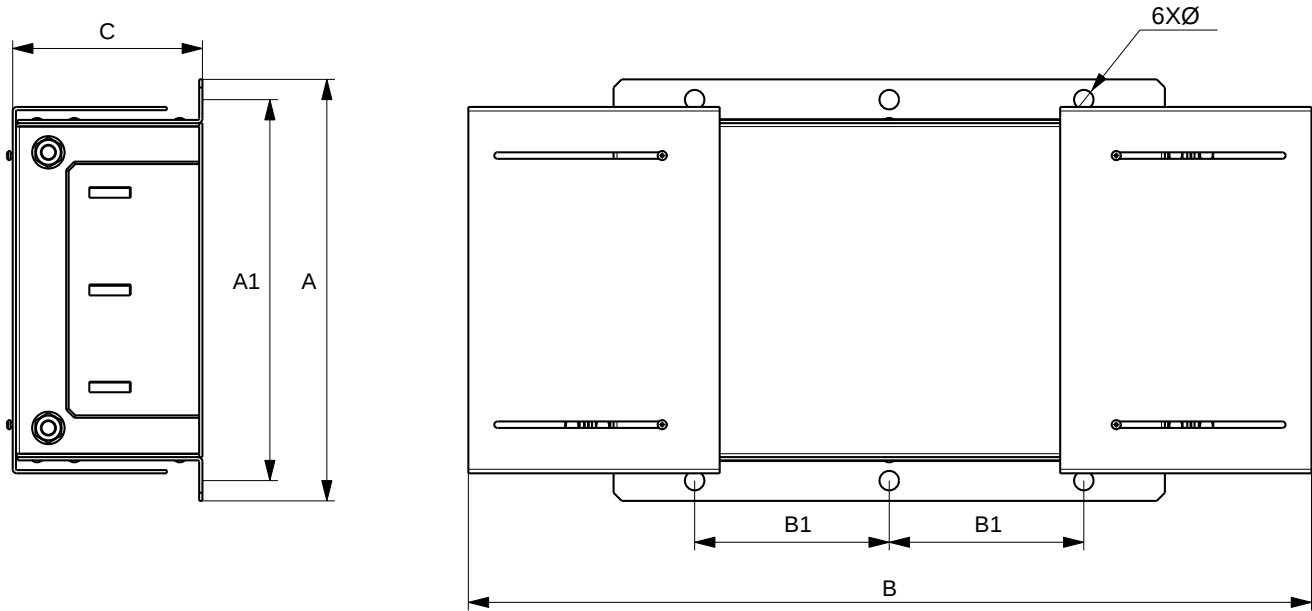


VW3A4701 ... 06 +
VW3A47901 ... 906

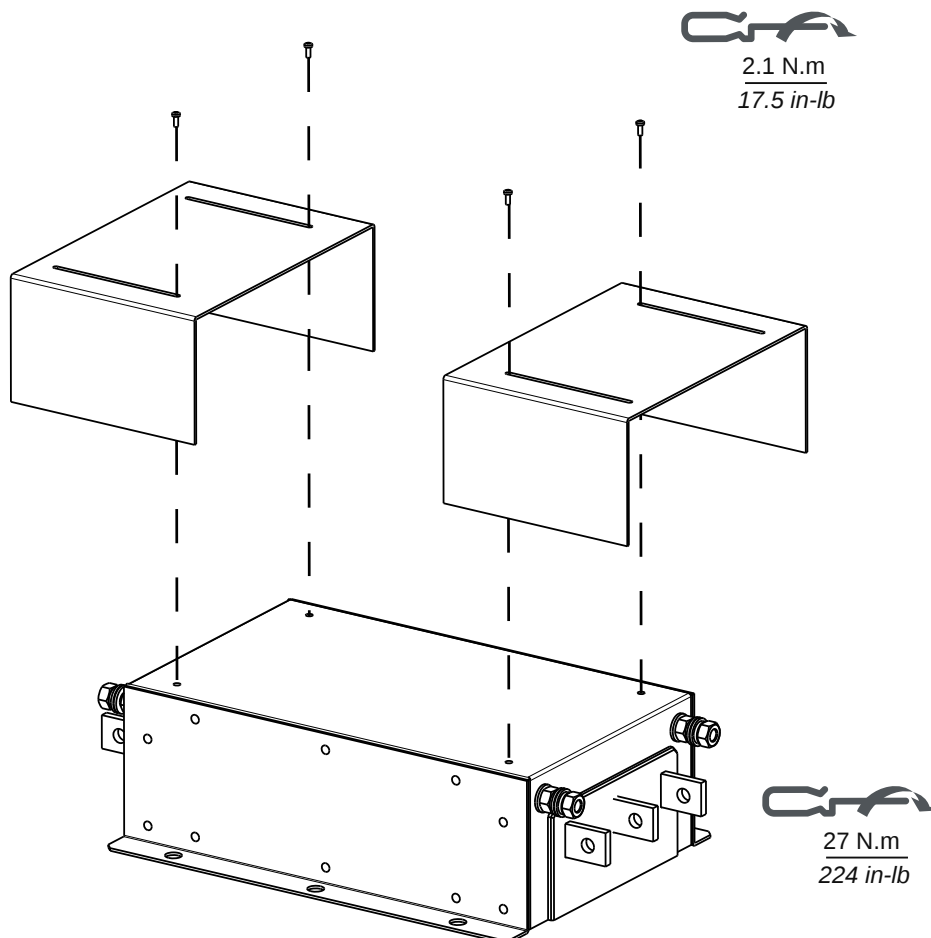


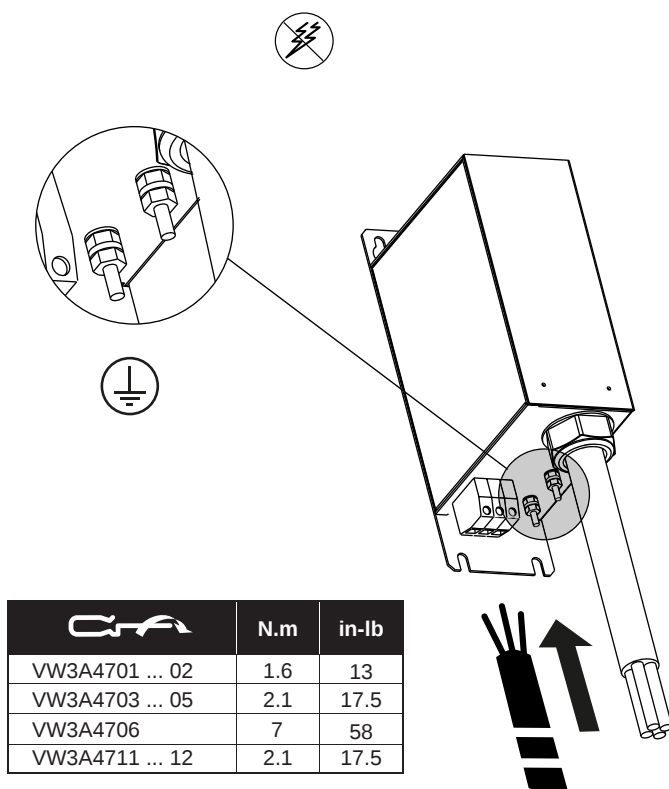
VW3A4707 + VW3A47907
VW3A4708 + VW3A47908

INPUT EMC FILTERS	A		C		E		Ø	
	mm	in	mm	in	mm	in	mm	in
VW3A4701 + VW3A47901	77	3	132	5.2	321	12.6	7	0.28
VW3A4702 + VW3A47902	77	3	142	5.6	341	13.4	7	0.28
VW3A4703 + VW3A47903	83	3.3	157	6.2	397	15.6	7	0.28
VW3A4704 + VW3A47904	93	3.7	167	6.6	428	16.9	5.5	0.22
VW3A4705 + VW3A47905	103	4.0	177	7	470	18.5	9	0.35
VW3A4706 + VW3A47906	123	4.8	182	7.2	515	20.3	7	0.28
VW3A4707 + VW3A47907	134	5.3	242	9.5	615	24.2	9	0.35
VW3A4708 + VW3A47908	204	8	322	12.7	660	26.0	11	0.43

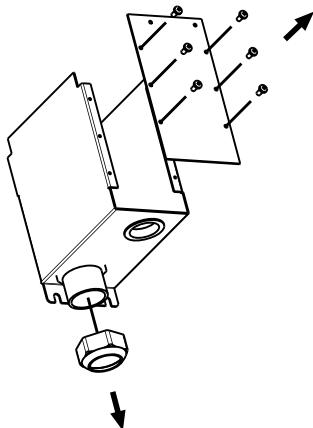


INPUT EMC FILTERS	A		B		C		A1		B1		Ø	
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
VW3A4709	260	10.2	520	20.4	117	4.6	235	9.3	120	4.7	12	0.47
VW3A4710	260	10.2	520	20.4	117	4.6	235	9.3	120	4.7	12	0.47





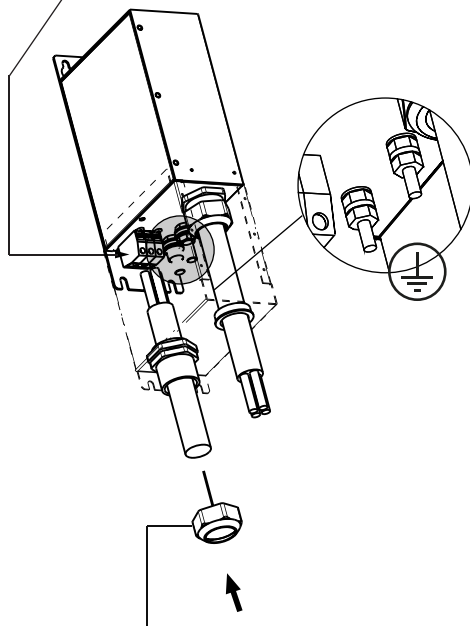
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2

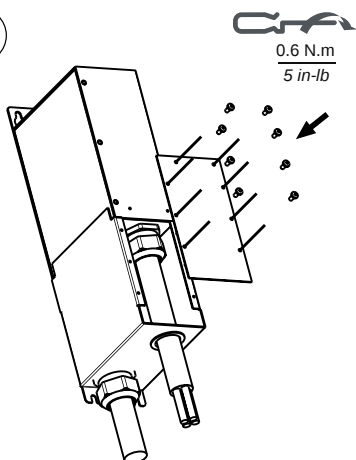


	N.m	in-lb
VW3A4701 ... 02	1.6	13
VW3A4703 ... 05	2.1	17.5
VW3A4706	7	58

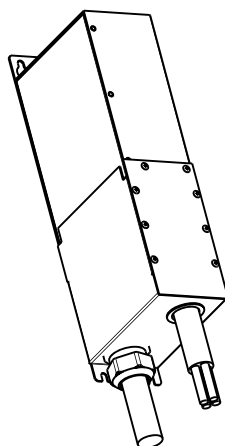


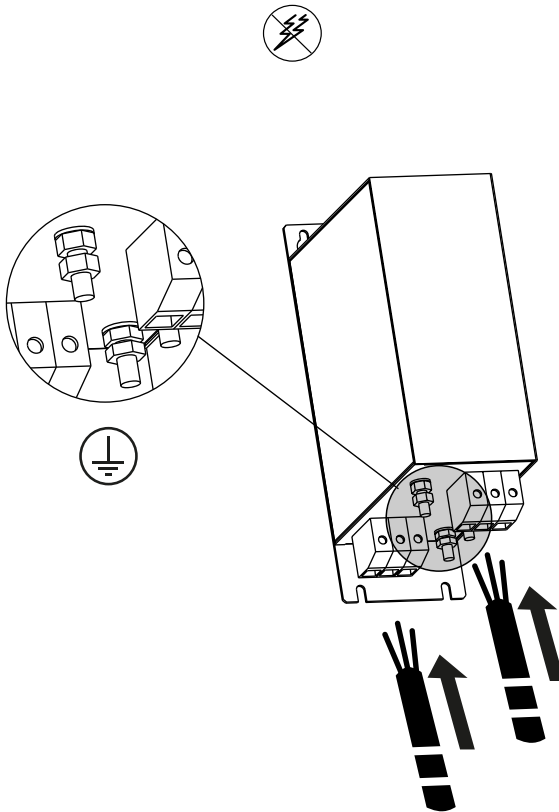
	N.m	in-lb
VW3A4701 ... 02	3.3	27.6
VW3A4703 ... 06	5	41.5

3



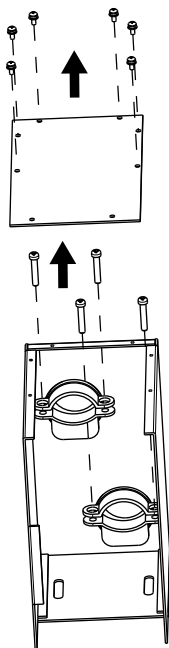
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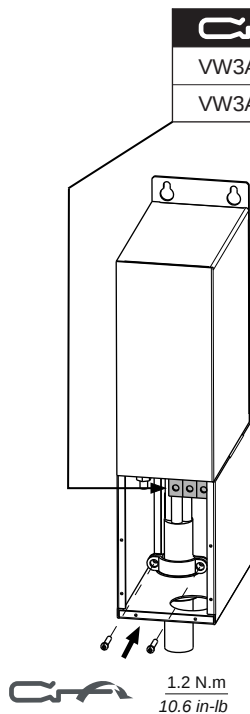


	N.m	in-lb
VW3A4707	7	58
VW3A4708	27	224

1



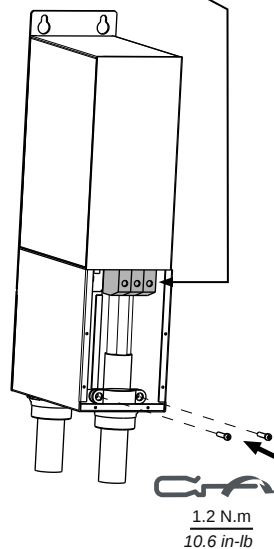
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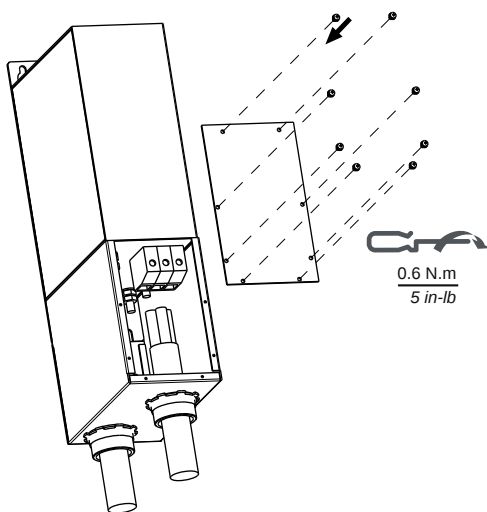
3



CFA	N.m	in.-lb
VW3A47907	7	58
VW3A47908	27	224



4



5

