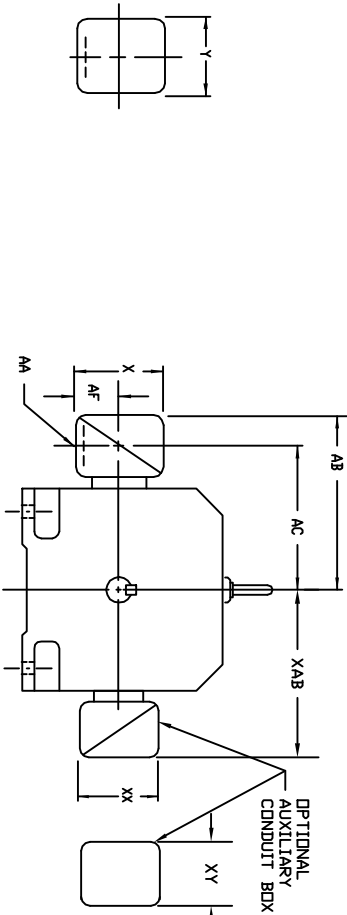


INDUSTRIAL DIRECT CURRENT MOTORS
AND GENERATORS – RPM III
TERMINAL BOX DIMENSIONS
STANDARD SIZE AND ONE SIZE LARGER
FRAMES C2113ATZ THRU C2815ATZ



DIMENSIONS ARE IN INCHES

STEEL TERMINAL BOX DIMENSIONS																	
FRAME SIZE	MAX. AMPS	STANDARD SIZE						PART NUMBER			ONE SIZE LARGER				PART NUMBER		
		AA(1)	AB	AC	AF	X	Y			AA(1)	AB	AC	AF	X	Y		
C2113ATZ	40	3/4 & 1"	8.97	7.47	1.94	4.38	5.00	705028-1-R		1-1/4 & 1-1/2	10.03	8.03	2.50	5.50	6.12	705029-1-R	
C2115ATZ	96	1-1/4 & 1-1/2	10.03	8.03	2.50	5.50	6.12	705029-1-R		2" & 2-1/2	11.16	8.41	3.19	7.00	7.62	705030-1-R	
(C2)	208	2" & 2-1/2	11.16	8.41	3.19	7.00	7.62	705030-1-R		2" & 2-1/2	11.16	8.41	3.19	7.00	7.62	705030-1-R	
C2512ATZ	40	3/4 & 1"	10.03	8.53	1.94	4.38	5.00	705028-1-R		1-1/4 & 1-1/2	11.09	9.09	2.50	5.50	6.12	705029-1-R	
C2514ATZ	96	1-1/4 & 1-1/2	11.09	9.09	2.50	5.50	6.12	705029-1-R		2" & 2-1/2	12.22	9.47	3.19	7.00	7.62	705030-1-R	
C2515ATZ	208	2" & 2-1/2	12.22	9.47	3.19	7.00	7.62	705030-1-R		2" & 2-1/2	12.22	9.47	3.19	7.00	7.62	705030-1-R	
(C2)	208	2" & 2-1/2	12.22	9.47	3.19	7.00	7.62	705030-1-R		2" & 2-1/2	12.22	9.47	3.19	7.00	7.62	705030-1-R	
C2812ATZ	128	2"	14.03	10.53	4.25	8.44	7.25	74874-R		3"	14.47	11.22	4.25	8.44	7.25	74874-R	
C2813ATZ	185	3"	14.47	11.22	4.25	8.44	7.25	74874-R		4"	15.91	11.84	5.38	10.56	9.00	703008-3-R	
C2815ATZ	269	4"	15.91	11.84	5.38	10.56	9.00	703008-3-R		5" (4)	18.72	13.47	7.00	12.75	15.00	702658-1-C	

CAST IRON TERMINAL BOX DIMENSIONS																			
FRAME SIZE	MAX. AMPS	STANDARD SIZE					PART NUMBER			ONE SIZE LARGER					PART NUMBER				
		AA(3)	AB	AC	AF	X	Y			AA(3)	AB	AC	AF	X	Y				
C2113ATZ	18	3/4	10.03	8.03	2.50	5.00	5.75	705028-2-S			1"	10.03	8.03	2.50	5.00	5.75	705028-2-T		
C2113ATZ	40	1"	10.03	8.03	2.50	5.00	5.75	705028-2-T			1-1/2	10.97	8.53	3.00	6.00	7.00	705029-2-R		
C2115ATZ	96	1-1/2	10.97	8.53	3.00	6.00	7.00	705029-2-R			2"	10.97	8.53	3.00	6.00	7.00	705029-2-S		
	208	2"	10.97	8.53	3.00	6.00	7.00	705029-2-S			2-1/2	12.66	8.91	3.62	7.88	9.25	705030-2-R		
	18	3/4	11.09	9.09	2.50	5.00	5.75	705028-2-T			1"	11.09	9.09	2.50	5.00	5.75	705028-2-T		
C2512ATZ	40	1"	11.09	9.09	2.50	5.00	5.75	705028-2-T			1-1/2	12.03	9.59	3.00	6.00	7.00	705029-2-R		
C2514ATZ	96	1-1/2	12.03	9.59	3.00	6.00	7.00	705029-2-R			2"	12.03	9.59	3.00	6.00	7.00	705029-2-S		
C2515ATZ	208	2"	12.03	9.59	3.00	6.00	7.00	705029-2-S			2-1/2	13.72	9.97	3.62	7.88	9.25	705030-2-R		
C2812ATZ	128	2"	12.78	10.34	3.00	6.00	7.00	75460-T			3"	14.47	10.72	3.62	7.88	9.25	76700-R		
C2813ATZ	185	3"	14.47	10.72	3.62	7.88	9.25	76700-R			4"	15.78	11.59	4.12	9.50	10.50	76700-R		
C2815ATZ	269	4"	15.78	11.59	4.12	9.50	10.50	76700-R			5" (4)	18.59	13.34	7.00	12.75	15.00	76870-S		

CONDUIT BOX DIMENSIONS WITH TERMINAL BOARDS (IEC TYPE BOX)											
STANDARD SIZE											
FRAME SIZE	AMPS	AB	AC	AF	X	AA	Y	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
C210	100	10.71	8.98	2.72	7.48	--	7.48	706310-56-A	706310-225-R	706310-225-R	706310-225-R
	200	11.26	9.25	3.35	8.82	--	8.82	706310-56-B	706310-226-R	706310-226-R	706310-226-R
	100	11.30	9.57	2.72	7.48	--	7.48	706310-56-A	706310-225-R	706310-225-R	706310-225-R
C250	200	11.85	9.84	3.35	8.82	--	8.82	706310-56-B	706310-226-R	706310-226-R	706310-226-R
	400	17.48	12.75	6.20	14.39	--	14.39	706310-63-B & 706310-63G	706310-63-B & 706310-63G	706310-63-B & 706310-63G	706310-63-B & 706310-63G
	800	17.48	12.75	6.20	14.39	--	14.39	706310-63-B & 706310-63G	706310-63-B & 706310-63G	706310-63-B & 706310-63G	706310-63-B & 706310-63G
C280	200	12.60	10.59	3.76	8.82	--	8.82	706310-56-B	706310-226-R	706310-226-R	706310-226-R
	400	18.27	13.54	6.20	14.39	--	14.39	706310-63-B & 706310-63G	706310-63-B & 706310-63G	706310-63-B & 706310-63G	706310-63-B & 706310-63G
	800	18.27	13.54	6.20	14.39	--	14.39	706310-63-B & 706310-63G	706310-63-B & 706310-63G	706310-63-B & 706310-63G	706310-63-B & 706310-63G
	1600	18.27	13.54	7.68	15.35	--	15.35	706310-63-C	706310-63-C	706310-63-C	706310-63-C

OPTIONAL AUXILIARY CONDUIT BOX DIMENSIONS (MAXIMUM)							
FRAME SIZE	XAB	XY	PART NUMBER	FRAME SIZE	XAB	XY	PART NUMBER
C210	7.38	4.25	602007-26-A	C210	10.88	8.00	706310-3-B
C250	8.44	4.25	602007-26-A	C250	11.88	8.00	706310-3-B
C280	9.12	4.25	602007-26-A	C280	12.62	8.00	706310-3-B

- (1) 'AA' CONDUIT.
(2) STEEL TERMINAL BOX FOR C2113ATZ AND C2512ATZ.
(3) 'AM' PIPE TAP.
(4) TERMINAL BOX 76870-S AND 76870-96 EXTENDS BELOW MOTOR FEET.
TERMINAL BOX CAN BE ROTATED FOR LEAD OUTLET AT TOP, SIDE OR BOTTOM.
TERMINAL BOX LOCATED ON OPPOSITE SIDE WHEN F-2, V-1, W-4, W-5, W-7,
OR C-1 MOUNTING IS SPECIFIED. BOX LOCATED ON TOP WHEN SPECIFIED.
FOR 'X/P' TERMINAL BOX DIMENSIONS SEE 609959-2.
FOR MILL TYPE TERMINAL BOX DIMENSIONS SEE 609959-3.

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: ADD 706310-63G C/BOX TO C250 AND C280 FRAMES

REV. LTR: A

VERSION: 01

TDR: 000000816512

FILE: \RGG\00021\153

REVISED: 03: 09: 09 09/06/2013

MTL: -

BY: RGGWT

BALDOR

DIMENSION SHEET

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