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ПРИВОДЫ ПЕРЕМЕННОГО ТОКА НИЗКОВОЛЬТНЫЕ

Техническое описание на преобразователи ACS550-PC/PD



Technical Data

Ratings (Supplement to ACS550-01/U1 User's Manual)

Note! The ratings listed below are exceptions to the ratings listed in the ACS550-01/U1 User's Manual.

Ratings, 480 Volt Drives

Type Code	Valid up to 40°C (104 °F)				Frame Size
	Normal Use		Heavy-Duty Use		
	I_{2N} A	P_N HP	I_{2hd} A	P_{hd} HP	
ACS550-Px-see below					
-316A-4	316	250	240	200	R8
-368A-4	368	300	302	250	R8
-414A-4	414	350	368	300	R8
-486A-4	486	400	414	350	R8
-526A-4	526	450	477	400	R8
-602A-4	602	500	515	450	R8
-645A-4	645	550	590	500	R8

Input Power Connections (Supplement to ACS550-01/U1 User's Manual)

Fuses

Note! Although fuses listed are similar in functional characteristics to fuses listed in the ACS550-UH User's Manual, physical characteristics may differ. Fuses from other manufacturers can be used if they meet the functional characteristics of those in these tables.

208/240 Volt, Fuses

208/240 Volt		Frame Size	Drive Input Fuse Ratings	
HP	Type Code ¹		Amps (600V)	Bussmann Type
1	ACS550-Px-04A6-2	R1	15	KTK-R-15
1.5	ACS550-Px-06A6-2	R1	15	KTK-R-15
2	ACS550-Px-07A5-2	R1	15	KTK-R-15
3	ACS550-Px-012A-2	R1	15	KTK-R-15
5	ACS550-Px-017A-2	R1	30	KTK-R-30
7.5	ACS550-Px-024A-2	R2	30	KTK-R-30
10	ACS550-Px-031A-2	R2	60	JJS-60
15	ACS550-Px-046A-2	R3	100	JJS-100
20	ACS550-Px-059A-2	R3	100	JJS-100
25	ACS550-Px-075A-2	R4	100	JJS-100
30	ACS550-Px-088A-2	R4	200	170M1370
40	ACS550-Px-114A-2	R4	200	170M1370
50	ACS550-Px-143A-2	R6	200	170M1370
60	ACS550-Px-178A-2	R6	315	170M1372
75	ACS550-Px-221A-2	R6	315	170M1372
100	ACS550-Px-248A-2	R6	315	170M1372

1. "Px" represents both PC and PD.

ACS550-PC/PD Packaged Drive with Disconnect

480 Volt, Fuses

480 Volt		Frame Size	Drive Input Fuse Ratings	
HP	Type Code ¹		Amps (600V)	Bussmann Type
1/1.5	ACS550-Px-03A3-4	R1	15	KTK-R-15
2	ACS550-Px-04A1-4	R1	15	KTK-R-15
3	ACS550-Px-06A9-4	R1	15	KTK-R-15
5	ACS550-Px-08A8-4	R1	15	KTK-R-15
7.5	ACS550-Px-012A-4	R1	15	KTK-R-15
10	ACS550-Px-015A-4	R2	30	KTK-R-30
15	ACS550-Px-023A-4	R2	30	KTK-R-30
20	ACS550-Px-031A-4	R3	60	JJS-60
25	ACS550-Px-038A-4	R3	60	JJS-60
30	ACS550-Px-045A-4	R3	100	JJS-100
30	ACS550-Px-044A-4	R4	100	JJS-100
40	ACS550-Px-059A-4	R4	100	JJS-100
50	ACS550-Px-072A-4	R4	100	JJS-100
60	ACS550-Px-078A-4	R4	100	JJS-100
75	ACS550-Px-097A-4	R4	200	170M1370
60	ACS550-Px-077A-4	R5	125	170M1368
75	ACS550-Px-096A-4	R5	125	170M1368
100	ACS550-Px-125A-4	R5	200	170M1370
100	ACS550-Px-124A-4	R6	160	170M1369
125	ACS550-Px-157A-4	R6	200	170M1370
150	ACS550-Px180A-4	R6	315	170M1372
200	ACS550-Px-246A-4	R6	315	170M1372
200	ACS550-Px-245A-4	R7	400	JJS-400
250	ACS550-Px-316A-4	R8	400	JJS-400
300	ACS550-Px-368A-4	R8	400	JJS-400
350	ACS550-Px-414A-4	R8	600	JJS-600
400	ACS550-Px-486A-4	R8	600	JJS-600
450	ACS550-Px-526A-4	R8	800	JJS-800
500	ACS550-Px-602A-4	R8	800	JJS-800
550	ACS550-Px-645A-4	R8	800	JJS-800

1. "Px" represents both PC and PD.

600 Volt, Fuses

600 Volt		Frame Size	Drive Input Fuse Ratings	
HP	Type Code ¹		Amps (600V)	Bussmann Type
2	ACS550-Px-02A7-6	R2	15	KTK-R-15
3	ACS550-Px-03A9-6	R2	15	KTK-R-15
5	ACS550-Px-06A1-6	R2	15	KTK-R-15
7.5	ACS550-Px-09A0-6	R2	15	KTK-R-15
10	ACS550-Px-011A-6	R2	30	KTK-R-30
15	ACS550-Px-017A-6	R2	30	KTK-R-30
20	ACS550-Px-022A-6	R3	60	JJS-60
25	ACS550-Px-027A-6	R3	60	JJS-60
30	ACS550-Px-032A-6	R4	100	JJS-100
40	ACS550-Px-041A-6	R4	100	JJS-100
50	ACS550-Px-052A-6	R4	100	JJS-100
60	ACS550-Px-062A-6	R4	100	JJS-100
75	ACS550-Px-077A-6	R6	200	170M1370
100	ACS550-Px-099A-6	R6	200	170M1370
125	ACS550-Px-125A-6	R6	200	170M1370
150	ACS550-Px-144A-6	R6	200	170M1370

1. "Px" represents both PC and PD.

Drive's Power Connection Terminals (Supplement to ACS550-01/U1 User's Manual)

The following tables show maximum wire size and required tightening torque for incoming power, motor, and grounding terminals.

208/240 Volt, Terminals

208/240 Volt			Maximum Power Wiring Data ²						
HP	Type Code ¹	Base Drive Frame Size	Circuit Breaker UL Type/ NEMA 1 &12	Circuit Breaker UL Type/ NEMA 3R	Disconnect Switch UL Type/ NEMA 1&12	Disconnect Switch UL Type/ NEMA 3R	Motor Terminals	Ground Lugs UL Type/ NEMA 1&12	Ground Lugs UL Type/ NEMA 3R
1	ACS550-Px-04A6-2	R1	#10 35 in-lbs	#10 35 in-lbs	#10 7 in-lbs	#10 7 in-lbs	Refer to Drive's power connection terminals	#10 35 in-lbs	#10 35 in-lbs
1.5	ACS550-Px-06A6-2	R1							
2	ACS550-Px-07A5-2	R1							
3	ACS550-Px-012A-2	R1							
5	ACS550-Px-017A-2	R1							
7.5	ACS550-Px-024A-2	R2	#6 45 in-lbs	#6 45 in-lbs	#8 7 in-lbs	#8 7 in-lbs		#6 35 in-lbs	#6 35 in-lbs
10	ACS550-Px-031A-2	R2	#3 50 in-lbs	#3 50 in-lbs	#4 18 in-lbs	#4 18 in-lbs		#3 50 in-lbs	#3 50 in-lbs
15	ACS550-Px-046A-2	R3							
20	ACS550-Px-059A-2	R3							
25	ACS550-Px-075A-2	R4	#1 50 in-lbs	#1 50 in-lbs	#1 55 in-lbs	#1 55 in-lbs		#2 50 in-lbs	#2 50 in-lbs
30	ACS550-Px-088A-2	R4	350 MCM 274 in-lbs	300 MCM 200 in-lbs	#1/0 70 in-lbs	#1/0 70 in-lbs			
40	ACS550-Px-114A-2	R4			300 MCM 275 in-lbs	300 MCM 200 in-lbs			
50	ACS550-Px-143A-2	R6							
60	ACS550-Px-178A-2	R6			2 x 500 MCM 274 in-lbs	2 x 500 MCM 274 in-lbs	2 x 500 MCM 274 in-lbs	2 x 500 MCM 274 in-lbs	3 x #3/0 250 in-lbs
75	ACS550-Px-221A-2	R6							
100	ACS550-Px-248A-2	R6	350 MCM 100 in-lbs						

1. "Px" represents both PC and PD.

2. Torque values shown relate to current production. Check component labels on previously installed units for required tightening torque.

480 Volt, Terminals

480 Volt			Maximum Power Wiring Data ²							
HP	Type Code ¹	Base Drive Frame Size	Circuit Breaker UL Type/ NEMA 1 & 12	Circuit Breaker UL Type/ NEMA 3R	Disconnect Switch UL Type/ NEMA 1&12	Disconnect Switch UL Type/ NEMA 3R	Motor Terminals	Ground Lugs UL Type/ NEMA 1&12	Ground Lugs UL Type/ NEMA 3R	
1/1.5	ACS550-Px-03A3-4	R1	#10 35 in-lbs	#10 35 in-lbs	#10 7 in-lbs	#10 7 in-lbs	Refer to Drive's power connection terminals	#10 35 in-lbs	#10 35 in-lbs	
2	ACS550-Px-04A1-4	R1								
3	ACS550-Px-06A9-4	R1								
5	ACS550-Px-08A8-4	R1								
7.5	ACS550-Px-012A-4	R1								
10	ACS550-Px-015A-4	R2	#6 45 in-lbs	#6 45 in-lbs	#8 7 in-lbs	#8 7 in-lbs		#6 35 in-lbs	#6 35 in-lbs	
15	ACS550-Px-023A-4	R2	#3 50 in-lbs	#3 50 in-lbs	#4 18 in-lbs	#4 18 in-lbs		#3 50 in-lbs	#3 50 in-lbs	
20	ACS550-Px-031A-4	R3								
25	ACS550-Px-038A-4	R3								
30	ACS550-Px-045A-4	R3	#1 50 in-lbs	#1 50 in-lbs	#4 18 in-lbs	#4 18 in-lbs		#1 50 in-lbs	#1 50 in-lbs	
40	ACS550-Px-059A-4	R4								
50	ACS550-Px-072A-4	R4								
60	ACS550-Px-078A-4	R4	350 MCM 274 in-lbs	300 MCM 200 in-lbs	#1 50 in-lbs	#1 62 in-lbs		3 x #3/0 250 in-lbs	#1 50 in-lbs	#1 50 in-lbs
75	ACS550-Px-097A-4	R4								
100	ACS550-Px-125A-4	R5								
125	ACS550-Px-157A-4	R6	2 x 500 MCM 274 in-lbs	2 x 500 MCM 274 in-lbs	#1/0 70 in-lbs	#1/0 70 in-lbs	5 Bus Bar Holes (13/32")	#2 50 in-lbs	#2/0 375 in-lbs	
150	ACS550-Px-180A-4	R6								
200	ACS550-Px-246A-4	R6	2 x 500 MCM 274 in-lbs	2 x 500 MCM 274 in-lbs	300 MCM 275 in-lbs	300 MCM 200 in-lbs	3 x #3/0 250 in-lbs	#1 50 in-lbs	#1 50 in-lbs	
250	ACS550-Px-316A-4	R8								
300	ACS550-Px-368A-4	R8								
350	ACS550-Px-414A-4	R8								
400	ACS550-Px-486A-4	R8								
450	ACS550-Px-526A-4	R8	3 x 400 MCM 375 in-lbs	3 x 400 MCM 375 in-lbs	3 x 400 MCM 375 in-lbs	3 x 400 MCM 375 in-lbs	5 Bus Bar Holes (13/32")	#1 50 in-lbs	#1 50 in-lbs	
500	ACS550-Px-602A-4	R8								
550	ACS550-Px-645A-4	R8								

1. "Px" represents both PC and PD.
2. Torque values shown relate to current production. Check component labels on previously installed units for required tightening torque.

600 Volt, Terminals

600 Volt		Frame Size	Maximum Power Wiring Data ²						
HP	Type Code ¹		Circuit Breaker UL Type/ NEMA 1 & 12	Circuit Breaker UL Type/ NEMA 3R	Disconnect Switch UL Type/ NEMA 1&12	Disconnect Switch UL Type/ NEMA 3R	Motor Terminals	Ground Lugs UL Type/ NEMA 1&12	Ground Lugs UL Type/ NEMA 3R
2	ACS550-Px-02A7-6	R2	#6 62 in-lbs	#6 62 in-lbs	#8 7 in-lbs	#8 7 in-lbs	Refer to Drive's power connection terminals	#6 35 in-lbs	#6 35 in-lbs
3	ACS550-Px-03A9-6	R2							
5	ACS550-Px-06A1-6	R2							
7.5	ACS550-Px-09A0-6	R2							
10	ACS550-Px-011A-6	R2							
15	ACS550-Px-017A-6	R2	#3 62 in-lbs	#3 62 in-lbs	#4 18 in-lbs	#4 18 in-lbs		#3 50 in-lbs	#3 50 in-lbs
20	ACS550-Px-022A-6	R3							
25	ACS550-Px-027A-6	R3	#1 62 in-lbs	#1 62 in-lbs	#1 55 in-lbs	#1 55 in-lbs		#2 50 in-lbs	#2 50 in-lbs
30	ACS550-Px-032A-6	R4							
40	ACS550-Px-041A-6	R4							
50	ACS550-Px-052A-6	R4			#1 62 in-lbs	#1 62 in-lbs	#1/0 70 in-lbs		
60	ACS550-Px-062A-6	R4							
75	ACS550-Px-077A-6	R6	350 MCM 274 in-lbs	300 MCM 275 in-lbs	300 MCM 275 in-lbs	300 MCM 200 in-lbs			
100	ACS550-Px-099A-6	R6							
125	ACS550-Px-125A-6	R6							
150	ACS550-Px-144A-6	R6							

1. "Px" represents both PC and PD.
2. Torque values shown relate to current production. Check component labels on previously installed units for required tightening torque.

Motor Connections

Motor Connection Specifications – R7/R8

Motor Connection Specifications			
Maximum Motor Cable Length	Frame Size	Max. Motor Cable Length*	
		$f_{sw} = 1 \text{ or } 4 \text{ kHz}$	$f_{sw} = 8 \text{ kHz or } 12 \text{ kHz}$
	R7...R8	300 m	980 ft



* **Warning!** Using a motor cable longer than specified in the chart above may cause permanent damage to the drive.

Cooling – R7/R8

Cooling Specifications	
Method	Internal fan, flow direction from bottom to top.
Requirement	<ul style="list-style-type: none"> • R7/R8: Free space in front of enclosure: 152 mm (6 in). • R7/R8: Free space above enclosure: None required for cooling. • R7/R8: Free space at sides of enclosure: None required for cooling. • R7/R8: Also see “Additional Free Space Recommendations” on page 37.

Air Flow, 480 Volt Drives – R7/R8

The following table lists heat loss and air flow data for 480 Volt drives.

Drive		Heat Loss		Air Flow	
ACS550-xx-	Frame Size	W	BTU/Hr	m ³ /h	ft ³ /min
-245A-4	R7	3850	13000	300	540
-316A-4	R8	5300	18000	700	1220
-368A-4	R8	6850	23000	700	1220
-414A-4	R8	7000	24000	700	1220
-486A-4	R8	7600	26000	700	1220
-526A-4	R8	7800	27000	700	1220
-602A-4	R8	8100	28000	700	1220
-645A-4	R8	9100	31000	700	1220

Dimensional References

The following tables contain dimensional references that identify the dimensional information applying to a given type code.

208/240V Drive with Disconnect

HP	Type Code ¹	AMP	Base Drive Frame	UL Type / NEMA 1 Dim. Ref. Page 34	(+B055) UL Type / NEMA 12 Dim. Ref. Page 35	(+B058) UL Type / NEMA 3R Dim. Ref. Page 36
1	ACS550-Px-04A6-2	4.6	R1	PX1-1	PX12-1	PX3R-1
1.5	ACS550-Px-06A6-2	6.6	R1	PX1-1	PX12-1	PX3R-1
2	ACS550-Px-07A5-2	7.5	R1	PX1-1	PX12-1	PX3R-1
3	ACS550-Px-012A-4	11.8	R1	PX1-1	PX12-1	PX3R-1
5	ACS550-Px-017A-2	16.7	R1	PX1-1	PX12-1	PX3R-1
7.5	ACS550-Px-024A-2	24.2	R2	PX1-2	PX12-2	PX3R-2
10	ACS550-Px-031A-2	30.8	R2	PX1-2	PX12-2	PX3R-3
15	ACS550-Px-046A-2	46.2	R3	PX1-3	PX12-3	PX3R-3
20	ACS550-Px-059A-2	59.4	R3	PX1-3	PX12-3	PX3R-3
25	ACS550-Px-075A-2	74.8	R4	PX1-4	PX12-4	PX3R-4
30	ACS550-Px-088A-2	88	R4	PX1-5	PX12-5	PX3R-5
40	ACS550-Px-114A-2	114	R4	PX1-5	PX12-5	PX3R-5
50	ACS550-Px-143A-2	143	R6	PX1-6	PX12-6	PX3R-6
60	ACS550-Px-178A-2	178	R6	PX1-6	PX12-6	PX3R-6
75	ACS550-Px-221A-2	221	R6	PX1-6	PX12-6	PX3R-6
100	ACS550-Px-248A-2	248	R6	PX1-6	PX12-6	PX3R-6

1. "Px" represents both PC and PD.

480V Drive with Disconnect

HP	Type Code ¹	AMP	Base Drive Frame	UL Type / NEMA 1 Dim. Ref. Page 34	(+B055) UL Type / NEMA 12 Dim. Ref. Page 35	(+B058) UL Type / NEMA 3R Dim. Ref. Page 36
1.5	ACS550-Px-03A3-4	3.3	R1	PX1-1	PX12-1	PX3R-1
2	ACS550-Px-04A1-4	4.1	R1	PX1-1	PX12-1	PX3R-1
3	ACS550-Px-06A9-4	6.9	R1	PX1-1	PX12-1	PX3R-1
5	ACS550-Px-08A8-4	8.8	R1	PX1-1	PX12-1	PX3R-1
7.5	ACS550-Px-012A-4	11.9	R1	PX1-1	PX12-1	PX3R-1
10	ACS550-Px-015A-4	15.4	R2	PX1-2	PX12-2	PX3R-2
15	ACS550-Px-023A-4	23	R2	PX1-2	PX12-2	PX3R-2
20	ACS550-Px-031A-4	31	R3	PX1-3	PX12-3	PX3R-3
25	ACS550-Px-038A-4	38	R3	PX1-3	PX12-3	PX3R-3
30	ACS550-Px-045A-4	44	R3	PX1-3	PX12-3	PX3R-3
40	ACS550-Px-059A-4	59	R4	PX1-4	PX12-4	PX3R-4
50	ACS550-Px-072A-4	72	R4	PX1-4	PX12-4	PX3R-4
60	ACS550-Px-078A-4	77	R4	PX1-4	PX12-4	PX3R-4
75	ACS550-Px-097A-4	96	R4	PX1-5	PX12-5	PX3R-5
100	ACS550-Px-125A-4	124	R5	PX1-5	PX12-5	PX3R-6
125	ACS550-Px-157A-4	157	R6	PX1-6	PX12-6	PX3R-6
150	ACS550-Px-180A-4	180	R6	PX1-6	PX12-6	PX3R-6
200	ACS550-Px-246A-4	245	R6	PX1-6	PX12-6	PX3R-6
250	ACS550-PC-316A-4	316	R8	PX1-8	PX12-8	
300	ACS550-PC-368A-4	368	R8	PX1-8	PX12-8	
350	ACS550-PC-414A-4	414	R8	PX1-8	PX12-8	
400	ACS550-PC-486A-4	486	R8	PX1-8	PX12-8	
450	ACS550-PC-526A-4	526	R8	PX1-8	PX12-8	
500	ACS550-PC-602A-4	602	R8	PX1-8	PX12-8	
550	ACS550-PC-645A-4	645	R8	PX1-8	PX12-8	

1. "Px" represents both PC and PD.

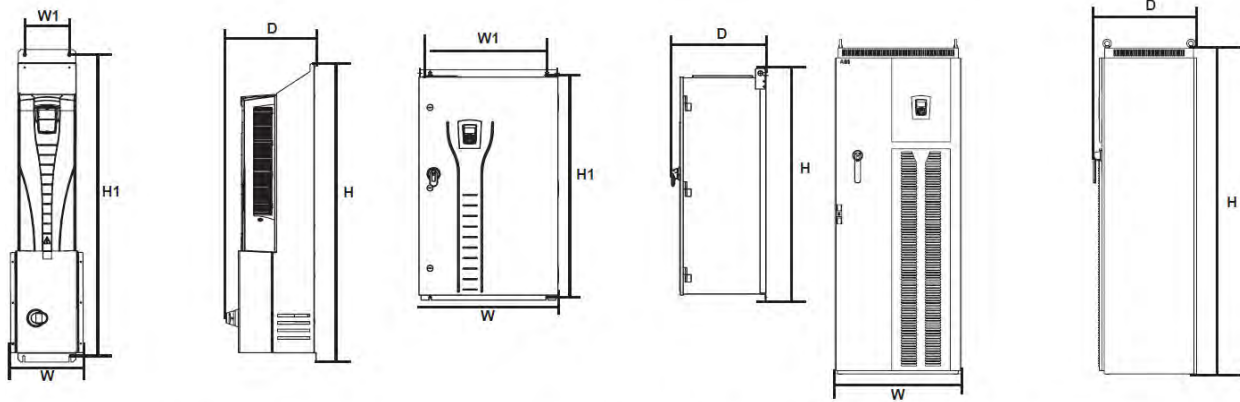
600V Drive with Disconnect

HP	Type Code ¹	AMP	Base Drive Frame	UL Type / NEMA 1 Dim. Ref. Page 34	(+B055) UL Type / NEMA 12 Dim. Ref. Page 35	(+B058) UL Type / NEMA 3R Dim. Ref. Page 36
2	ACS550-Px-02A7-6	2.7	R2	PX1-2	PX12-2	PX3R-2
3	ACS550-Px-03A9-6	3.9	R2	PX1-2	PX12-2	PX3R-2
5	ACS550-Px-06A1-6	6.1	R2	PX1-2	PX12-2	PX3R-2
7.5	ACS550-Px-09A0-6	9	R2	PX1-2	PX12-2	PX3R-2
10	ACS550-Px-011A-6	11	R2	PX1-2	PX12-2	PX3R-2
15	ACS550-Px-017A-6	17	R2	PX1-2	PX12-2	PX3R-2
20	ACS550-Px-022A-6	22	R3	PX1-3	PX12-3	PX3R-3
25	ACS550-Px-027A-6	27	R3	PX1-3	PX12-3	PX3R-3
30	ACS550-Px-032A-6	32	R4	PX1-4	PX12-4	PX3R-4
40	ACS550-Px-041A-6	41	R4	PX1-4	PX12-4	PX3R-4
50	ACS550-Px-052A-6	52	R4	PX1-4	PX12-4	PX3R-4
60	ACS550-Px-062A-6	62	R4	PX1-4	PX12-4	PX3R-4
75	ACS550-Px-077A-6	77	R6	PX1-6	PX12-6	PX3R-6
100	ACS550-Px-099A-6	99	R6	PX1-6	PX12-6	PX3R-6
125	ACS550-Px-125A-6	125	R6	PX1-6	PX12-6	PX3R-6
150	ACS550-Px-144A-6	144	R6	PX1-6	PX12-6	PX3R-6

1. "Px" represents both PC and PD.

Dimensions and Weights (Supplement to ACS550-01/U1 User's Manual)

Dimensions: ACS550-Px UL Type / NEMA 1



Wall Mount (PX1-1 - PX1-4)

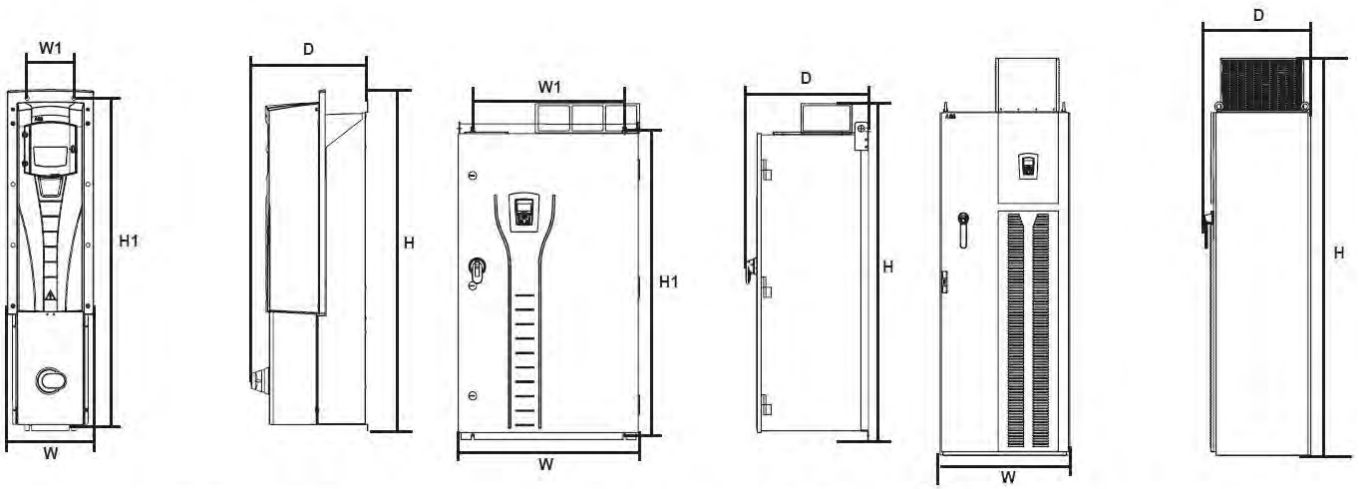
Wall Mount (PX1-5 - PX1-6)

Floor Mount (PX1-8)

Dimension Reference	UL Type / NEMA 1 Mounting Dimensions mm [inches]			UL Type / NEMA 1 Dimensions and Weights mm kg [inches] [lbs]				
	H1	W1	Mounting Hardware	Height (H)	Width (W)	Depth (D)	Weight	Dimension Drawing
PX1-1	712 [28]	98 [3.9]	M6 [0.25]	729 [28.7]	198 [7.8]	283 [11.2]	15 [33]	3AUA000008216 Sheet 1
PX1-2	812 [32]	98 [3.9]	M6 [0.25]	829 [32.6]	198 [7.8]	295 [11.6]	19 [42]	3AUA000008218 Sheet 1
PX1-3	983 [38.7]	160 [6.3]	M6 [0.25]	1013 [39.9]	260 [10.2]	304 [11.9]	34 [75]	3AUA000008220 Sheet 1
PX1-4	1117 [44]	160 [6.3]	M6 [0.25]	1147 [45.2]	260 [10.2]	332 [13.1]	43 [95]	3AUA000008221 Sheet 1
PX1-5	1175 [46.3]	600 [23.6]	M10 [0.375]	1212 [47.7]	713 [28.1]	483 [19]	121 [267]	3AUA000021148 Sheet 1
PX1-6	1175 [46.3]	600 [23.6]	M10 [0.375]	1212 [47.7]	713 [28.1]	483 [19]	163 [359]	3AUA000021148 Sheet 1
PX1-8 ¹	Free Standing		Ø16 [Ø0.63]	2125 [83.7]	806 [31.7]	659 [25.9]	360 [794]	3AUA000021152 Sheet 1

1. See page 37 for mounting dimension details and additional free space recommendations.

Dimensions: ACS550-Px UL Type / NEMA 12



Wall Mount (PX12-1 - PX12-4)

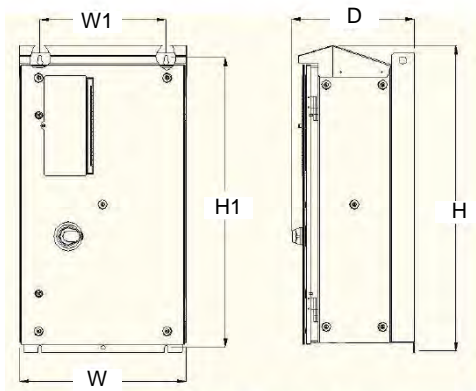
Wall Mount (PX12-5 - PX12-6)

Floor Mount (PX12-8)

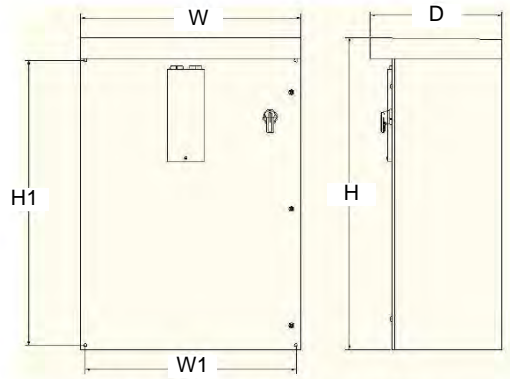
Dimension Reference	UL Type / NEMA 12 Mounting Dimensions mm [inches]			UL Type / NEMA 12 Dimensions and Weights mm kg [inches] [lbs]				
	H1	W1	Mounting Hardware	Height (H)	Width (W)	Depth (D)	Weight	Dimension Drawing
PX12-1	712 [28]	98 [3.9]	M6 [0.25]	744 [29.3]	221 [8.7]	283 [11.2]	17 [37]	3AUA000008216 Sheet 2
PX12-2	812 [32]	98 [3.9]	M6 [0.25]	844 [33.2]	221 [8.7]	295 [11.6]	21 [46]	3AUA000008218 Sheet 2
PX12-3	983 [38.7]	160 [6.3]	M6 [0.25]	1030 [40.6]	267 [10.5]	304 [11.9]	36 [79]	3AUA000008220 Sheet 2
PX12-4	1117 [44]	160 [6.3]	M6 [0.25]	1163 [45.8]	267 [10.5]	332 [13.1]	45 [99]	3AUA000008221 Sheet 2
PX12-5	1175 [46.3]	600 [23.6]	M10 [0.375]	1380 [54.3]	713 [28.1]	483 [19]	121 [267]	3AUA0000021149 Sheet 1
PX12-6	1175 [46.3]	600 [23.6]	M10 [0.375]	1380 [54.3]	713 [28.1]	483 [19]	163 [359]	3AUA0000021149 Sheet 1
PX12-8 ¹	Free Standing		Ø16 [Ø0.63]	2377 [93.6]	806 [31.7]	659 [25.9]	380 [838]	3AUA0000021153 Sheet 1

1. See page 37 for mounting dimension details and additional free space recommendations.

Dimensions: ACS550-Px UL Type / NEMA 3R



Wall Mount (PX3R-1 - PX3R-4)



Wall Mount (PX3R-5 - PX3R-6)

Dimension Reference	UL Type / NEMA 3R Mounting Dimensions mm [inches]			UL Type / NEMA 3R Dimensions and Weights mm kg [inches] [lbs]				
	H1	W1	Mounting Hardware	Height (H)	Width (W)	Depth (D)	Weight	Dimension Drawing
PX3R-1	810 [31.9]	320 [12.6]	M10 [0.375]	865 [34]	452 [17.8]	343 [13.5]	58 [128]	3AUA0000016377 Sheet 1
PX3R-2	810 [31.9]	320 [12.6]	M10 [0.375]	865 [34]	452 [17.8]	343 [13.5]	61 [134]	3AUA0000016377 Sheet 1
PX3R-3	918 [36.1]	400 [15.7]	M10 [0.375]	968 [38.1]	530 [20.9]	389 [15.3]	80 [176]	3AUA0000016380 Sheet 1
PX3R-4	918 [36.1]	400 [15.7]	M10 [0.375]	968 [38.1]	530 [20.9]	389 [15.3]	88 [194]	3AUA0000016380 Sheet 1
PX3R-5	876 [34.5]	724 [28.5]	M10 [0.375]	991 [39]	762 [30]	394 [15.5]	92.3 [203]	3AUA0000060123 Sheet 2
PX3R-6	1181 [46.5]	876 [34.5]	M10 [0.375]	1295 [51]	914 [36]	546 [21.5]	179.1 [395]	3AUA0000060124 Sheet 2

Note! UL Type 3R, PX3R-1, PX3R-2, PX3R-3 & PX3R-4 enclosures are designed to be mounted on a wall. Mounting these 3R enclosures on an open rack system requires the use of the supplied 3R enclosure back plates to maintain 3R integrity. See document #3AUA0000113577 for more details.

UL Type/NEMA 1 & 2, Floor Mount Enclosure Mounting Dimensions

UL Type/NEMA 1 & 12 – Floor Mount Enclosure Mounting Dimensions			
Ref.	R7 & R8		Top View
	mm	in	
W	806	31.7	
D	659	25.9	
a	675	26.6	
b	474.5	18.7	
c	61	2.4	
d	65.5	2.6	
Mounting Hardware			
	11 mm	13/32	

- 800 mm (31.5 in) in front of UL Type / NEMA 1&12 floor mount enclosures – room for the cabinet door to swing open.
- 305 mm (12 in) above UL Type 12 / NEMA 12 floor mount enclosures – room for fan replacement.

In addition to the free space requirements for cooling (“Cooling - R7/R8”), allow:

Additional Free Space Recommendations

По вопросам продаж и поддержки обращайтесь:

Самары (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48

Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курган (3522)50-90-47
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Ноябрьск (3496)41-32-12

Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саранск (8342)22-96-24
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35

Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Улан-Удэ (3012)59-97-51
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

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