

ABB standard drive

ACS510 - 01, 1.1 kW - 160 kW

Reference number				
Ratings			Type code	Frame size
S_N KVA	P_N kW	I_{2N} A		
2.3	1.1	3.3	ACS510-01-03A3-4	R1
3	1.5	4.1	ACS510-01-04A1-4	R1
4	2.2	5.6	ACS510-01-05A6-4	R1
5	3	7.2	ACS510-01-07A2-4	R1
6	4	9.4	ACS510-01-09A4-4	R1
9	5.5	11.9	ACS510-01-012A-4	R1
11	7.5	17	ACS510-01-017A-4	R2
16	11	25	ACS510-01-025A-4	R2
20	15	31	ACS510-01-031A-4	R3
25	18.5	38	ACS510-01-038A-4	R3
30	22	46	ACS510-01-046A-4	R3
41	30	60	ACS510-01-060A-4	R4
50	37	72	ACS510-01-072A-4	R4
60	45	88	ACS510-01-088A-4	R4
70	55	125	ACS510-01-125A-4	R5
100	75	157	ACS510-01-157A-4	R6
120	90	180	ACS510-01-180A-4	R6
140	110	205	ACS510-01-195A-4	R6
170	132	245	ACS510-01-246A-4	R6
200	160	290	ACS510-01-290A-4	R6

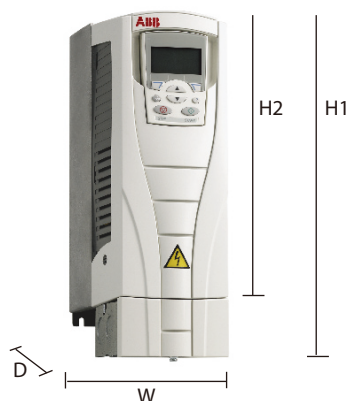
S_N = Typical motor apparent output power in 400 V at normal use

P_N = Typical motor power in 400 V at normal use

Voltages: ACS510 -01 is available in the following voltage range: 4 = 380 - 480 V

Wall-mounted drives

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H1 = Height with cable connection box
H2 = Height without cable connection box
W = Width
D = Depth

Frame size	Dimensions and weights									
	IP21 / UL type 1					IP54 / UL type 12				
	H1 mm	H2 mm	W mm	D mm	Weight kg	H mm	W mm	D mm	Weight kg	
R1	369	330	125	212	6.5	449	213	234	8.2	
R2	469	430	125	222	9	549	213	245	11.2	
R3	583	490	203	231	16	611	257	253	18.5	
R4	689	596	203	262	24	742	257	284	26.5	
R5	739	602	265	286	34	776	369	309	38.5	
R6	880	700	300	400	69	924	410	423	80	
R6 ¹⁾	986	700	302	400	73	1119	410	423	84	

¹⁾ The demensions and weights apply to ACS510-01-246A-4 and ACS510-01-290A-4.