

SD1 Ratings & Specifications

Single Phase 220Vac					
Model	Frame Size	Output Power	Input Current	Output Current	
SD1-2.5A-21	1	0.4kW	0.5HP	6.5A	2.5A
SD1-4.2A-21	1	0.75kW	1.0HP	9.3A	4.2A
SD1-7.5A-21	2	1.5kW	2.0HP	15.7A	7.5A
SD1-10A-21	2	2.2kW	3.0HP	24.0A	10.0A

Three Phase 220Vac					
Model	Frame Size	Output Power	Input Current	Output Current	
SD1-2.5A-23	2	0.4kW	0.5HP	3.7A	2.5A
SD1-4.2A-23	2	0.75kW	1.0HP	5.0A	4.2A
SD1-7.5A-23	3	1.5kW	2.0HP	7.7A	7.5A
SD1-10A-23	3	2.2kW	3.0HP	11.0A	10.0A
SD1-16A-23	3	4.0kW	4.5HP	17.0A	16.0A
SD1-20A-23	4	5.5kW	7.5HP	21.0A	20.0A
SD1-30A-23	4	7.5kW	10.0HP	31.0A	30.0A

Three Phase 380Vac					
Model	Frame Size	Output Power	Input Current	Output Current	
SD1-2.5A-43	2	0.75kW	1.0HP	3.4A	2.5A
SD1-4.2A-43	2	1.5kW	2.0HP	5.0A	4.2A
SD1-5.5A-43	2	2.2kW	3.0HP	5.8A	5.5A
SD1-9.5A-43	3	4.0kW	5.5HP	13.5A	9.5A
SD1-14A-43	3	5.5kW	7.5HP	19.5A	14.0A
SD1-18.5A-43	4	7.5kW	10.0HP	25.0A	18.5A
SD1-25A-43	4	11.0kW	15.0HP	32.0A	25.0A
SD1-32A-43	4	15.0kW	20.0HP	40.0A	32.0A
SD1-38A-43	5	18.5kW	25.0HP	47.0A	38.0A
SD1-45A-43	5	22.0kW	30.0HP	51.0A	45.0A
SD1-60A-43	6	30.0kW	40.0HP	70.0A	60.0A
SD1-75A-43	6	37.0kW	50.0HP	80.0A	75.0A
SD1-92A-43	7	45.0kW	60.0HP	98.0A	92.0A
SD1-115A-43	7	55.0kW	75.0HP	128.0A	115.0A
SD1-150A-43	7	75.0kW	100.0HP	139.0A	150.0A
SD1-180A-43	8	90.0kW	125.0HP	168.0A	180.0A
SD1-215A-43	8	110.0kW	150.0HP	201.0A	215.0A

Dimensions



Frame Size 1		
Height	Width	Depth
160mm (6¼")	80mm (3⅛")	123.5mm (4⅞")

Frame Size 2		
Height	Width	Depth
185mm (7¼")	80mm (3⅛")	140.5mm (5½")

Frame Size 3		
Height	Width	Depth
256mm (10¼")	146mm (5¾")	167mm (6⅝")

Frame Size 4		
Height	Width	Depth
320mm (12⅝")	170mm (6¾")	196.3mm (7¾")

Frame Size 5		
Height	Width	Depth
340.6mm (13⅜")	200mm (7⅞")	184.3mm (7¼")

Frame Size 6		
Height	Width	Depth
400mm (15¾")	250mm (9⅞")	202mm (8")

Frame Size 7		
Height	Width	Depth
560mm (22")	282mm (11⅞")	238mm (9⅝")

Frame Size 8		
Height	Width	Depth
554mm (21⅞")	338mm (13¼")	329.2mm (13")

Note: Imperial measurements tolerance $\pm 1/4"$

Options & Ordering Codes

SD1	-	2.5A	-	21						
Series Code		Nominal Power (see Output Current)		Input & Phase						
				<table border="1"> <tr> <td>21</td> <td>220V Single Phase</td> </tr> <tr> <td>23</td> <td>220V Three Phase</td> </tr> <tr> <td>43</td> <td>380V Three Phase</td> </tr> </table>	21	220V Single Phase	23	220V Three Phase	43	380V Three Phase
21	220V Single Phase									
23	220V Three Phase									
43	380V Three Phase									

Optional External EMC Filters

Single Phase 220Vac				
Model	C3 Filter / Current		C2 Filter / Current	
SD1-2.5A-21	SD1-RFC3-10	10A	SD1-RFC2-10	10A
SD1-4.2A-21	SD1-RFC3-10	10A	SD1-RFC2-10	10A
SD1-7.5A-21	SD1-RFC3-10	10A	SD1-RFC2-16	16A
SD1-10A-21	SD1-RFC3-10	10A	SD1-RFC2-16	16A

Three Phase 220Vac				
Model	C3 Filter / Current		C2 Filter / Current	
SD1-2.5A-21	SD1-RFC3-7	7A	SD1-RFC2-6	6A
SD1-4.2A-21	SD1-RFC3-7	7A	SD1-RFC2-6	6A
SD1-7.5A-21	Internal	-	SD1-RFC2-16	16A
SD1-10A-21	Internal	-	SD1-RFC2-16	16A
SD1-16A-23	Internal	-	SD1-RFC2-32	32A
SD1-20A-23	Internal	-	SD1-RFC2-32	32A
SD1-30A-23	Internal	-	SD1-RFC2-45	45A

Three Phase 380Vac				
Model	C3 Filter / Current		C2 Filter / Current	
SD1-2.5A-43	SD1-RFC3-7	7A	SD1-RFC2-6	6A
SD1-4.2A-43	SD1-RFC3-7	7A	SD1-RFC2-6	6A
SD1-5.5A-43	SD1-RFC3-7	7A	SD1-RFC2-6	6A
SD1-9.5A-43	Internal	-	SD1-RFC2-16	16A
SD1-14A-43	Internal	-	SD1-RFC2-16	16A
SD1-18.5A-43	Internal	-	SD1-RFC2-32	32A
SD1-25A-43	Internal	-	SD1-RFC2-32	32A
SD1-32A-43	Internal	-	SD1-RFC2-45	45A
SD1-38A-43	Internal	-	SD1-RFC2-45	45A
SD1-45A-43	Internal	-	SD1-RFC2-65	65A
SD1-60A-43	Internal	-	SD1-RFC2-65	65A
SD1-75A-43	Internal	-	SD1-RFC2-100	100A
SD1-92A-43	Internal	-	SD1-RFC2-100	100A
SD1-115A-43	Internal	-	SD1-RFC2-150	150A
SD1-150A-43	Internal	-	SD1-RFC2-150	150A
SD1-180A-43	Internal	-	SD1-RFC2-240	240A
SD1-215A-43	Internal	-	SD1-RFC2-240	240A



Accessories

Model	Description
SD1-KP	Remote Keypad
SD1-KP-CPY	Remote Keypad with Copy function
SD1-KP-MB	Keypad Mounting Bracket

SD1-KP



SD1-KP-MB