DCS800-S0, industrial drives
List prices

460 VAC / 500 VDC

Type code	Nominal ratings							Frame size	UL type open (IP 00) list price
	Input	Normal Duty		Standard Duty		Heavy Duty			
	I_l A_{RMS}	I_{nd} A_{dc}	P_{nd} HP	I_{sd} A_{dc}	P_{sd} HP	I_{hd} A_{dc}	P_{hd} HP		
2-quadrant (non-reversing)									
DCS800-S01-0020-05	16	19	10	18	10	18	10	D1	$2,968
DCS800-S01-0045-05	37	42	25	38	20	38	20	D1	$3,320
DCS800-S01-0065-05	53	61	30	54	30	54	30	D1	$3,554
DCS800-S01-0090-05	73	88	50	78	40	78	40	D1	$3,661
DCS800-S01-0125-05	102	124	75	111	60	104	60	D1	$3,832
DCS800-S01-0180-05	147	171	100	164	100	148	75	D2	$4,676
DCS800-S01-0230-05	188	219	125	205	125	205	125	D2	$5,114
DCS800-S01-0315-05	257	300	150	264	150	264	150	D3	$6,035
DCS800-S01-0405-05	330	385	200	325	200	325	200	D3	$7,249
DCS800-S01-0470-05	384	447	250	405	250	405	250	D3	$8,421
DCS800-S01-0610-05+S171	498	580	300	490	300	484	300	D4	$10,084
DCS800-S01-0740-05+S171	604	704	400	670	400	664	400	D4	$12,251
DCS800-S01-0900-05+S171	734	865	500	795	500	795	500	D4	$15,209
DCS800-S01-1190-05+S164*	930	1040	600	840	500	815	500	D4+	$17,079
DCS800-S01-1200-05B+S164	979	1105	700	950	600	851	550	D5	$18,467
DCS800-S01-1500-05B+S164	1224	1450	900	1320	800	1280	800	D5	$20,322
DCS800-S01-2000-05B+S164	1632	1904	1100	1480	900	1479	900	D5	$22,708
DCS800-S01-2050-05B	1673	1985	1250	1585	1000	1585	1000	D6	$25,192
DCS800-S01-2500-05B	2040	2395	1500	1986	1250	1990	1250	D6	$33,123
DCS800-S01-3000-05B	2448	2820	1750	2416	1500	2416	1500	D6	$40,147
DCS800-S01-3300-05LB	2693	3178	2000	2416	1500	2416	1500	D7	$45,819
DCS800-S01-3300-05RB	2693	3178	2000	2416	1500	2416	1500	D7	$45,819
DCS800-S01-4000-05LB	3264	3690	2250	2890	1750	2897	1750	D7	$61,946
DCS800-S01-4000-05RB	3264	3690	2250	2890	1750	2897	1750	D7	$61,946
DCS800-S01-5200-05LB	4243	4820	3000	3972	2500	3800	2250	D7	$83,163
DCS800-S01-5200-05RB	4243	4820	3000	3972	2500	3800	2250	D7	$83,163

Notes:
Note 1: The ratings apply at an ambient temperature of 40 °C (104 °F).
Note 2: 2-quadrant drives CANNOT decelerate a load or power motors in the reverse direction
Note 3: The DCS800 drive requires a line reactor or isolation transformer
Note 4: Frame D6 drives do not include busbar tabs for he power connection. There are five - 4 hole lug terminals on the side of the drive unit (3 for AC, 2 for DC). If busbar tabs are required, they must be ordered separately. See “Power and saftey options” for ordering information.
Note 5: Frame D6 and D7 do not include field supplies. A field supply is required for most DC motor applications. See “Field Supplies” section for selection and ordering information.Note 6: In Frame D7, the ‘L’ is for left-hand bus arrangement and the ‘R’ is for right-hand bus arrangement.
Note 7: Plus code +S171 is to specify fan voltage of 120 Vac for the D4 drives. Remove +S171 for 240 Vac fan voltage (special order).
Note 8: Plus code +S164 is to specify an internal field supply for the D4+ and the D5 drives. D4+ requires external field fuses, D5 does not.
* UL Listing is pending. Continuous ratings is 1190 A_{dc} at 35°C; 1140 A_{dc} at 40°C

Definitions:

I_l	Continuous rms input current for any duty cycle
I_{nd}	Continuous dc output current (normal duty) allowing 10% overload for 1 minute every 10 minutes
P_{nd}	Typical motor power in normal duty use
I_{sd}	Continuous dc output current (standard duty) allowing 50% overload for 1/2 minute every 15 minutes
P_{sd}	Typical motor power in standard duty use
I_{hd}	Continuous dc output current (heavy duty) allowing 50% overload for 1 minute every 15 minutes
P_{hd}	Typical motor power in heavy duty use

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