

Type EHDB 220 to 960 Amps

Drive
contactors

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EHDB280C-1L



EHDB520C2P-1L

2 & 3 pole — 600 volt N.O. ratings with 300 volt N.C. dynamic braking rating

Thermal amp rating 600 volts	Maximum amp rating N.C. contact		Auxiliary contacts included		2 pole (2 N.O.)		3 pole (2 N.O. & 1 N.C.)	
	Make 300 VDC	Break 160 VDC	N.O.	N.C.	Catalog number		Catalog number	
220	450	285	1	1	EHDB220C2P-1L		EHDB220C-1L	
280	565	363	1	1	EHDB280C2P-1L		EHDB280C-1L	
380	728	472	1	1	EHDB360C2P-1L		EHDB360C-1L	
520	1040	680	1	1	EHDB520C2P-1L		EHDB520C-1L	
650	1300	850	1	1	EHDB650C2P-1L		EHDB650C-1L	
800	1600	1050	1	1	EHDB800C2P-1L		EHDB800C-1L	
960	1920	1250	1	1	EHDB960C2P-1L		EHDB960C-1L	

Description

EHDB drive contactors are specifically designed for use with solid state D.C. adjustable speed drive systems. In drive applications, the contactor is not required to make or break the load during normal operation. The N.C. contact is used for dynamic braking applications. EHDB contactors are provided less terminal lugs.

Coil voltage selection

All catalog numbers include a 120V coil. To select other coil voltages, substitute the code from the coil voltage selection chart for the first digit after the dash in the catalog number.

Coil voltage selection chart – EHDB contactors

	Volts													
	24	48	110	120	125	208	220	240	277	380	415	440	480	600
60	F	G		1		B	2	2	C			3	4	6
50	N		1				J			3	4			6
DC	Y	W	P		Q		R							

NOTE: For other voltages, consult factory. • 24VAC coils are not available for sizes EHDB520 – EHDB960. • 48VAC coils are not available for sizes EHDB520 – EHDB960. For these 24V and 48V applications, use an interposing control relay. • 12VDC coils are not available for EHDB520 – EHDB960.

DC operated contactors

EHDB220 – EHDB960

DC and AC operated contactors have the same magnet structure except the DC coil includes a resistor and a normally closed late break auxiliary interlock. To order, substitute the code from the coil voltage selection chart and refer to the DC magnet coils chart for the price adder.

DC operated contactors are supplied with 2 N.O. & 1 N.C. auxiliary contacts. One additional 1 N.O. & 1 N.C. auxiliary contact block can be mounted on the left side of the contactor.

DC magnet coils (per contactor)

Contactor size	
EHDB220 – EHDB280	
EHDB360	
EHDB520	
EHDB650 – EHDB960	