

Type DA & EHDB Mechanically interlocked 60 to 960 Amps



EHDB280M-1L

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

Thermal amp rating 500V (DA) 600V (EHDB)	Maximum amp rating N.C. contact		Auxiliary contacts included each contactor		2 pole (2 N.O.)		3 pole (2 N.O. & 1 N.C.)	
	Make	Break	3 Pole N.O.	2 Pole N.C.	Catalog number	List price	Catalog number	List price
60	90	55	1 NO & 1 NC	1 NO & 1 NC	DA75M-20-11-84	\$ 1,560	DA75M-21A-11-84	\$ 1,870
220	450	285	1 NO & 1 NC	1 NO & 1 NC	EHDB220M2P-1L	3,306	EHDB220M-1L	4,506
280	565	363	1 NO & 1 NC	1 NO & 1 NC	EHDB280M2P-1L	4,296	EHDB280M-1L	5,676
380	728	472	1 NO & 1 NC	1 NO & 1 NC	EHDB360M2P-1L	8,592	EHDB360M-1L	12,072
520	1040	680	1 NO & 1 NC	1 NO & 1 NC	EHDB520M2P-1L	9,972	EHDB520M-1L	14,472
650	1300	850	1 NO & 1 NC	1 NO & 1 NC	EHDB650M2P-1L	16,782	EHDB650M-1L	19,572
800	1600	1050	1 NO & 1 NC	1 NO & 1 NC	EHDB800M2P-1L	20,532	EHDB800M-1L	23,952
950	1920	1250	1 NO & 1 NC	1 NO & 1 NC	EHDB960M2P-1L	25,632	EHDB960M-1L	29,952

DA75 contactors are equipped with polarity dependent N.O. contacts. EHDB contactors are equipped with polarity dependent N.C. contacts.

Description

EHDB mechanically interlocked drive contactors are designed for reversing applications. The complete assembly consists of two mechanically and electrically interlocked contactors supplied without control and power wiring. The coil voltage selection

Coil voltage selection

Type DA

All DC operated catalog numbers include a 24VDC coil. To select other coil voltages, substitute the code from the Coil Voltage Selection Chart for the two digits after the last dash in the catalog number.

Ex.: A 24V coil is required for an DA75M contactor: DA75M-20-11-81

Type EHDB

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.

Ex.: A 220V coil is required for an EHDB960M contactor: EHDB960M2P-2L

Coil voltage selection chart – DA contactors

Hz	Cntr type	Volts															
		12	24	48	110	120	125	208	220	240	277	380	415	440	480	500	600
60	A		81	83	84	84		34	36	80	42		86	86	51	53	55
50	A		81	83	84				80			85	86			55	

NOTE: DC coils are available for DA75 contactors only.

For other voltages, see page 1.26.

Coil voltage selection chart – EHDB contactors

	Volts														
	24	48	110	120	125	208	220	240	277	380	415	440	480	500	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 magnet coils (per contactor)

Contactor size	List price
EHDB220M – EHDB280M	\$ 510
EHDB360M	570
EHDB520M	720
EHDB650M – EHDB960M	990