

# Type DA 60 Amps



DA75-21A-11-84

### 2 & 3 pole — 500 volt N.O. ratings with 160 volt N.C. dynamic braking rating

Thermal amp rating	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	List price	Catalog number	List price
60	90	55	2 1	1 1	— DA75-20-11-84	— \$ 620	DA75-21-21-84 —	\$ 770 —

### 3 pole — 500 volt N.O. ratings with 300 volt N.C. dynamic braking rating

Thermal amp rating	Maximum amp rating N.C. contact		Auxiliary contacts included		3 pole (2 N.O. & 1 N.C.)	
	Make 500 VDC	Break 300 VDC	N.O.	N.C.	Catalog number	List price
60	90	55	1	1	DA75-21A-11-84	\$ 860

NOTE: DA75 2 & 3 pole contactors are equipped with polarity-dependent N.O. contacts.

### Description

DA 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.

### Coil voltage selection

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 DA75 contactor: DA75-20-11-81

### Coil voltage selection chart

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							85	86				55

NOTE: DC coils are available for DA75 contactors only. For other voltages, see page 1.26.

### Additional auxiliary contacts

Contactor number	Number of auxiliary contacts that may be added to DA contactors
DA75-21-21-84	(1 - 2) CA5 & (1) CAL5 Aux
DA75-20-11-84	(1) DB Adder deck & (2) CA5 & (1) CAL5 Aux

### Auxiliary contact block adders

Top mounted for DA9 - DA75	Catalog number	List price
N.O.	CA5-10	\$ 15
N.C.	CA5-01	
1 N.O. & 1 N.C.	CAL5-11	30

All above auxiliary contact blocks fulfill the mirror contacts standards in IEC609 47-1 Annex F, Positive driven action IEC 609 47-1, Chapter 4. They also fulfill elevator standard ASME A17-1-2000.

# Type EHDB 220 to 960 Amps



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	List price	Catalog number	List price
220	450	285	1	1	EHDB220C2P-1L	\$ 1,396	EHDB220C-1L	\$ 1,996
280	565	363	1	1	EHDB280C2P-1L	1,890	EHDB280C-1L	2,580
380	728	472	1	1	EHDB360C2P-1L	3,900	EHDB360C-1L	5,640
520	1040	680	1	1	EHDB520C2P-1L	4,500	EHDB520C-1L	6,750
650	1300	850	1	1	EHDB650C2P-1L	7,906	EHDB650C-1L	9,300
800	1600	1050	1	1	EHDB800C2P-1L	9,690	EHDB800C-1L	11,400
960	1920	1250	1	1	EHDB960C2P-1L	12,240	EHDB960C-1L	14,400

### 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	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 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	List price
EHDB220 – EHDB280	\$ 255
EHDB360	285
EHDB520	360
EHDB650 – EHDB960	495