

I-T-E Low-Voltage Power Circuit Breaker

Type K-225 thru 2000 and K-600S thru 2000S
Type K-Don® 600 thru 1600 and K-Don 600S thru 1600S

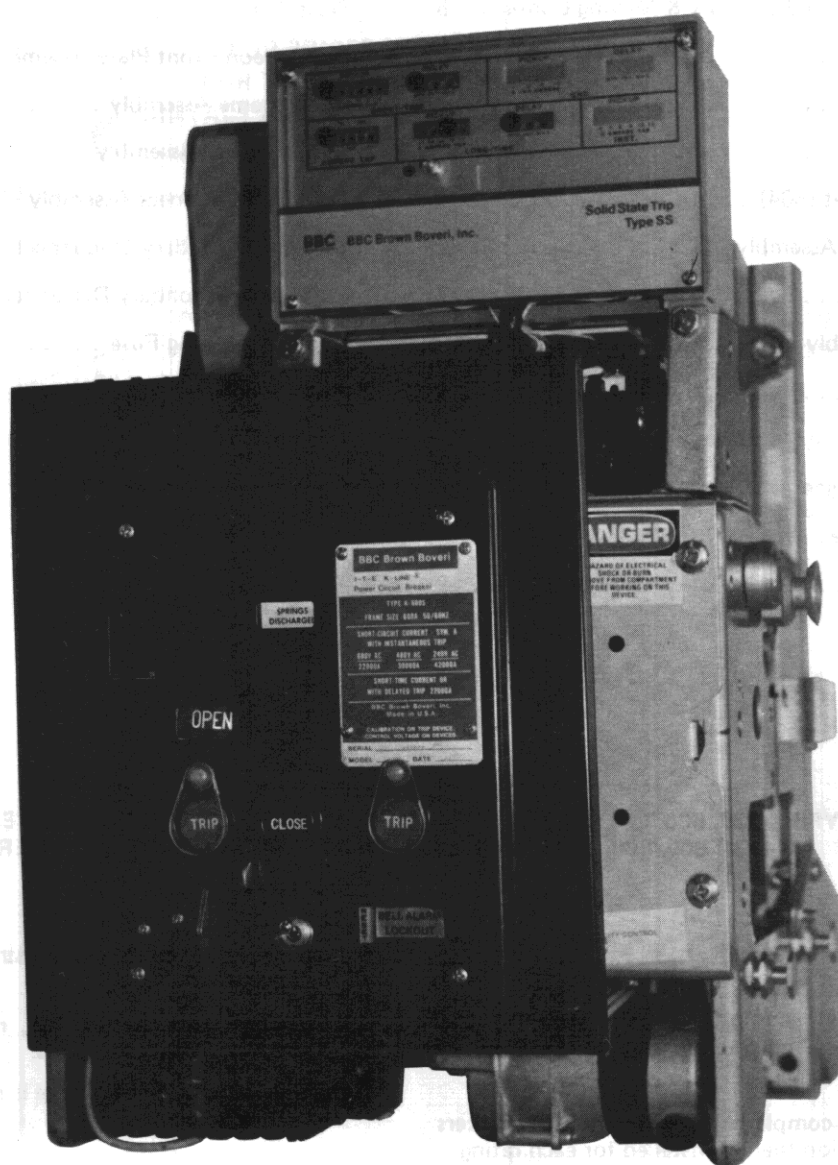


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RENEWAL PARTS FOR TYPE K-225, 600, 800, 1600, 2000, 600S, 800S, 1600S, 2000S CIRCUIT BREAKERS K-DON-600, 800, 1600, 600S, 800S, 1600S FUSED CIRCUIT BREAKERS

General Notes

- Recommended quantities are as follows:
DOMESTIC - One (1) complete set for each ten (10) breakers or fraction thereof installed for each rating.

FOREIGN - One (1) complete set for each five (5) breakers or fraction thereof installed for each rating.

NOTE: Fig. Ref. parts marked with triangle (▲) are minimum that should be ordered for normal duty applications. For heavy duty applications, all applicable Fig. Ref. parts should be ordered.

- The parts listed cover an indefinite period of time. With

normal duty and maintenance, replacement will be infrequent.

- Standard hardware (screws, nuts, lockwashers, etc.) is not included with the parts.
- Where continuity of service is mandatory, a spare breaker is recommended.

Ordering Instructions

When ordering, always state type of circuit breaker and serial number from breaker nameplate in addition to part description and ordering number.

State the quantity, description, and ordering number of each assembly or part required, as applicable.

EXAMPLE: To order moving contact assemblies for a typical K-600 circuit breaker, provide the following:

For a type K-600 circuit breaker
Serial No. 39402-22-2-4A (From breaker nameplate)
S.O. 33-39402
Quantity-2 (Fig. Ref. 4B, page 5) Moving Contact
Assemblies 706783-T2

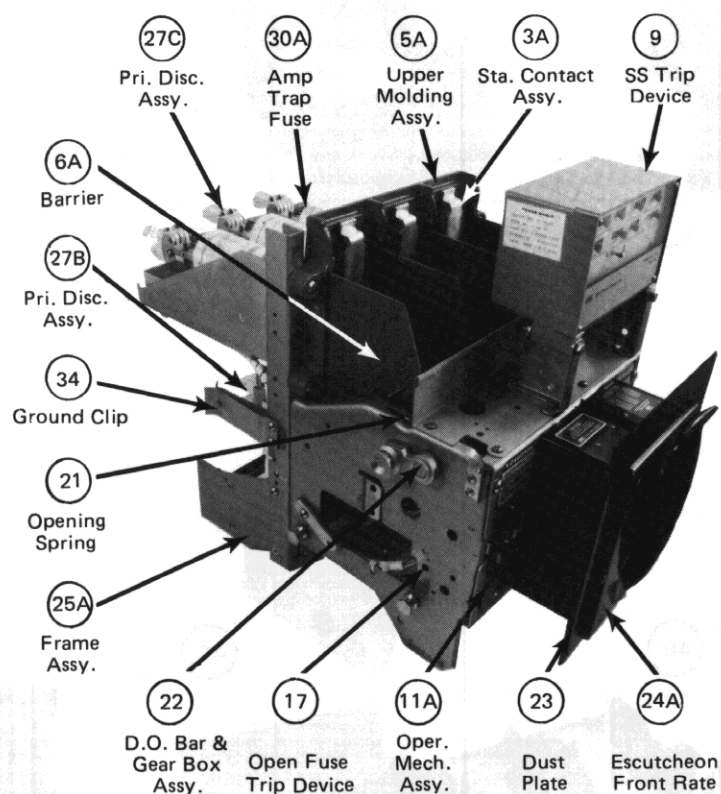
The recommended spares in this bulletin apply only to circuit breakers having the features listed. For example, if your circuit breaker is stationary mounted, you would disregard the primary and secondary disconnect assemblies (Fig. Refs, 27 A,B,C,D,E, and 28).

If your circuit breaker has some special feature not listed, provide complete description of feature, such as—Shunt Trip — 120 Volts AC, in addition to other information requested in example above.

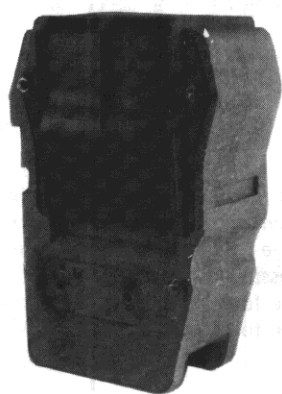
When ordering current-limiting fuses, always specify the continuous current rating in addition to the ordering number.

NOTE: Fig. Ref. parts marked with bullet (●) - On circuit breakers equipped with solid state overcurrent trip devices, as designated by the "S" at the end of the circuit breaker "Type", it is necessary to replace both the solid state logic assembly and the lower molding assembly when changing the circuit breaker to a new AMPERE TAP range.

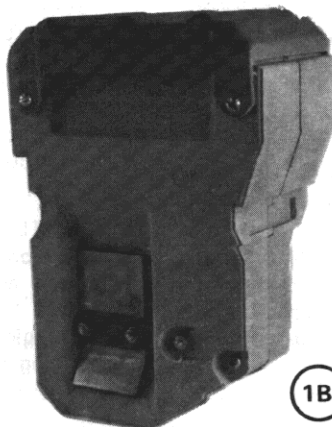
**FOR PRICES SEE PS 6.1.2.8-1.
FOR TECHNICAL INFORMATION,
CONTACT OUR NEAREST DISTRICT OFFICE.**



The photographs reproduced in this bulletin are furnished only to serve as a guide in the identification of assemblies and parts, and do not purport to cover all details or variations in equipment.



1A



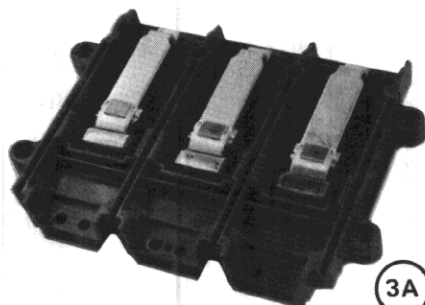
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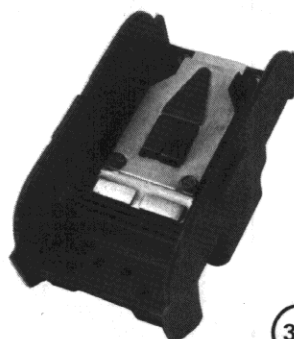
2A



2B



3A



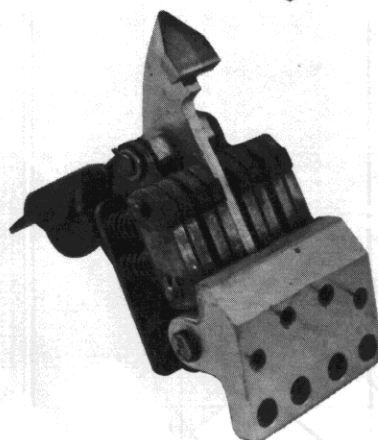
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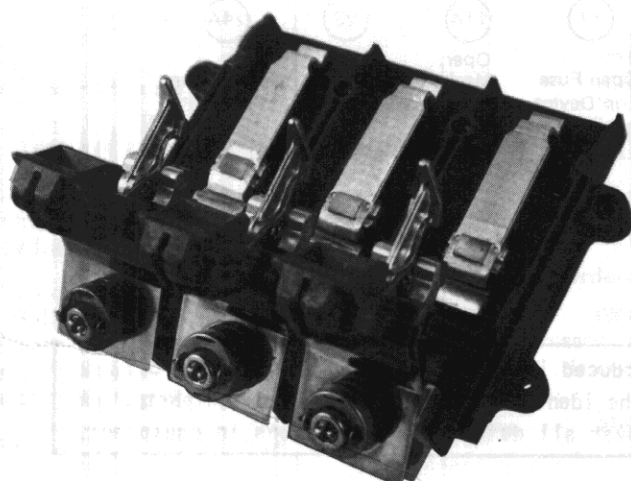
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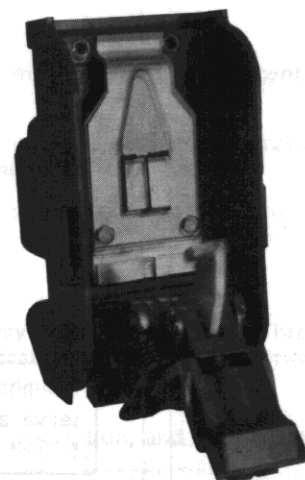
4B



4C

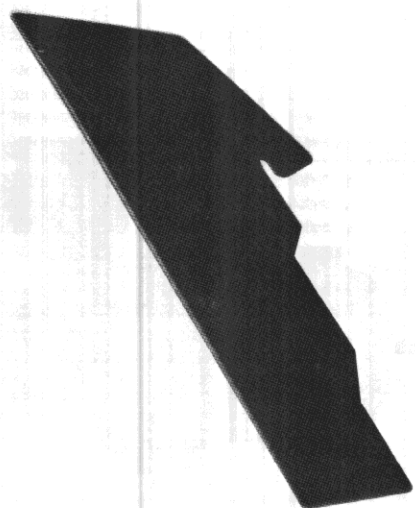


5A

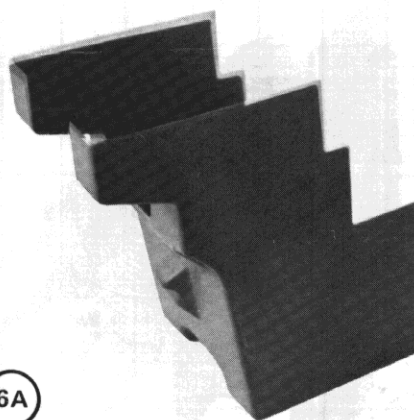


5B

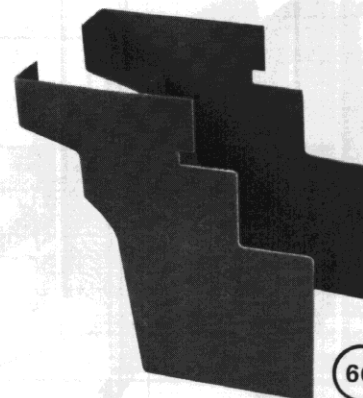
Description Of Assembly Or Part	Fig. Ref.	Quantity Per 3-Pole Breaker											Ordering Number
		K225	K600-K800	K1600	K2000	K600S-K800S	K1600S	K2000S	K-Don 600/800	K-Don 1600	K-Don 600S/800S	K-Don 1600S	
Arc Chute Assembly	1A	3	3			3			3		3		706775-T4
Arc Chute Assembly	1B			3	3		3	3		3		3	706775-T2
Arc Chute Retainer	2A	2	2			2			2		2		701496-A
Arc Chute Retainer	2B			2	2		2	2		2		2	701543-A
Upper Base Molding w/Stationary Contact Assembly	3A	1											706784-T1
Upper Base Molding w/Stationary Contact Assembly	3A		1			1			1		1		706784-T3
Upper Base Molding w/Stationary Contact Assembly	3B			3			3						706784-T5
Upper Base Molding w/Stationary Contact Assembly	3B				3			3		3		3	706784-T6
Moving Contact Assembly	4A	3											706783-T1
Moving Contact Assembly	4B		3			3			3		3		706783-T2
Moving Contact Assembly	4C			3			3			3		3	706783-T3
Moving Contact Assembly	4C				3			3					706783-T7
Upper Base Molding w/Stationary & Moving Contacts	5A	1											706782-T1
Upper Base Molding w/Stationary & Moving Contacts	5A		1			1			1		1		706782-T3
Upper Base Molding w/Stationary & Moving Contacts	5B			3			3						706782-T5
Upper Base Molding w/Stationary & Moving Contacts	5B				3			3		3		3	706782-T6
Interphase Barrier	6A	4	4			4			4		4		701531-A
Interphase Barrier	6B			3	3					3			707110-A
Interphase Barrier	6C						3	3				3	710524-A



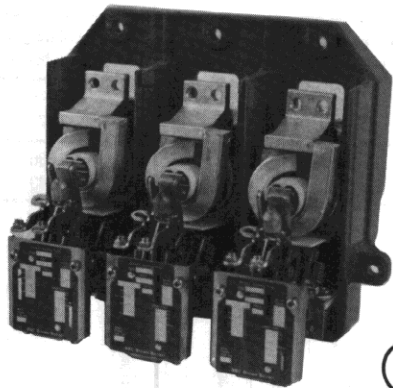
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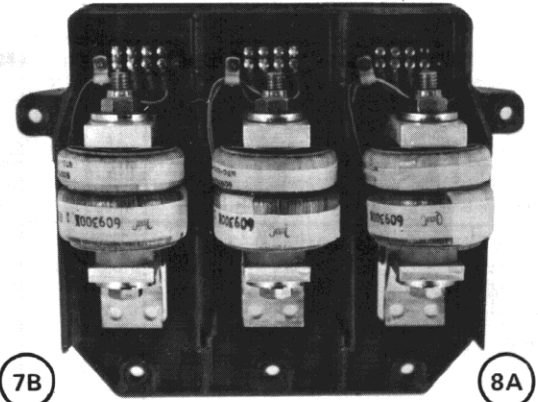
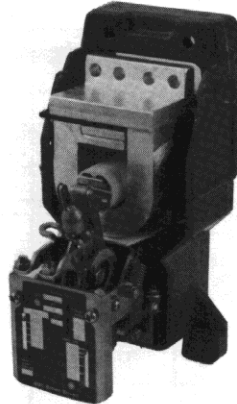
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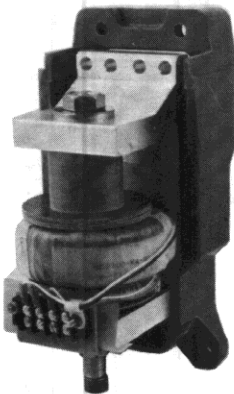
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7A



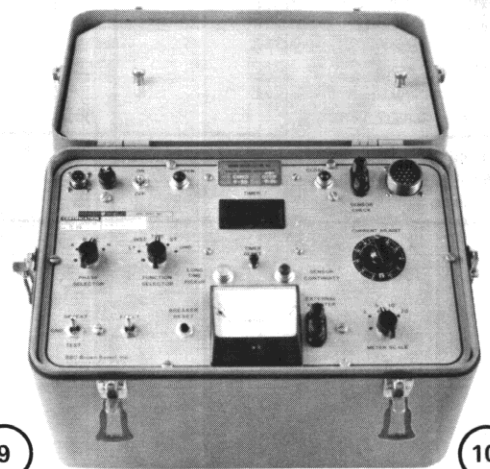
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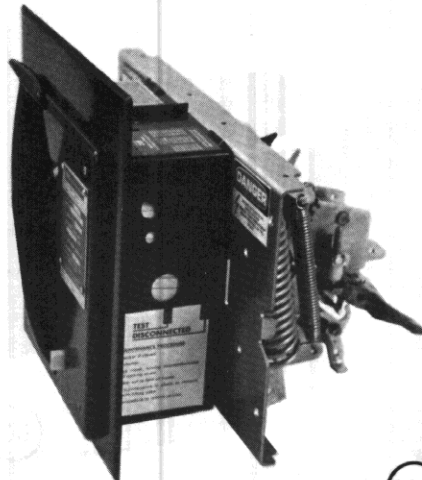
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9



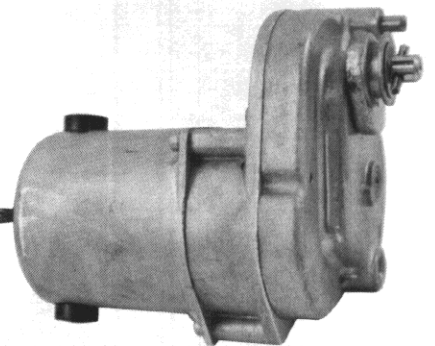
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11A



11B

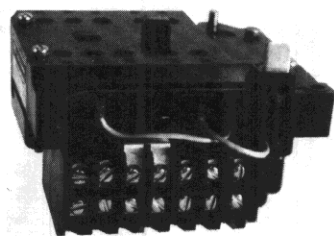


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Description Of Assembly Or Part	Fig. Ref.	Quantity Per 3-Pole Breaker											Ordering Number
		K225	K600- K800	K1600	K2000	K600S- K800S	K1600S	K2000S	K-Den 600/800	K-Den 1600	K-Den 600S/800S	K-Den 1600S	
Lower Base Molding w/Overcurrent Trip Device (Standard Type OD-3 Electro-Mechanical Trip Devices) (Specified Ampere Rating.) ①													
12 to 20 Amp	7A	1											708363-T1
20 to 40 Amp	7A	1											708363-T1
40 to 70 Amp	7A	1											708363-T1
70 to 125 Amp	7A	1											708363-T1
120 to 225 Amp	7A	1											708363-T1
40 to 70 Amp	7A		1						1				708363-T3
70 to 125 Amp	7A		1						1				708363-T3
120 to 225 Amp	7A		1						1				708363-T3
250 to 400 Amp	7A		1						1				708363-T3
400 to 600 Amp	7A		1						1				708363-T3
400 to 800 Amp	7A		1						1				708363-T3
120 to 225 Amp	7B			3						3			708363-T7
250 to 400 Amp	7B			3						3			708363-T5
400 to 800 Amp	7B			3						3			708363-T5
800 to 1600 Amp	7B			3						3			708363-T5
250 to 400 Amp	7B				3								708363-T5
400 to 800 Amp	7B				3								708363-T5
800 to 1600 Amp	7B				3								708363-T9
1200 to 2000 Amp	7B				3								708363-T9
● Lower Base Molding w/Phase & Power Sensors													
50 to 225 Amp	8A					1					1		709733-T13
250 to 600 Amp	8A					1					1		709733-T14
300 to 800 Amp	8A					1					1		709733-T12
250 to 600 Amp	8B						3						709734-T3
600 to 1600 Amp	8B						3						709734-T1
250 to 600 Amp	8B							3				3	709734-T6
600 to 1600 Amp	8B							3				3	709734-T5
800 to 2000 Amp	8B							3				3	709734-T5
● Power Shield (Standard Type SS-3) ②													
50 to 225 Amp	9					1					1		609901-T3
250 to 600 Amp	9					1	1	1			1	1	609901-T3
300 to 800 Amp	9					1					1		609901-T3
600 to 1600 Amp	9						1	1				1	609901-T3
800 to 2000 Amp	9							1					609901-T3
SS Trip Device Test Set (Type 504)	10					1	1	1			1	1	608089-T1
Operating Mechanism Assembly (M.O.-Stationary)	11A	1	1						1				709774-T1
Operating Mechanism Assembly (M.O.-Stationary)	11A			1	1					1			709774-T5
Operating Mechanism Assembly (M.O.-Stationary)	11A					1					1		709730-T1
Operating Mechanism Assembly (M.O.-Stationary)	11A						1	1				1	709730-T5
Operating Mechanism Assembly (M.O.-Drawout)	11A	1	1						1				709774-T2
Operating Mechanism Assembly (M.O.-Drawout)	11A			1	1					1			709774-T6
Operating Mechanism Assembly (M.O.-Drawout)	11A					1					1		709730-T2
Operating Mechanism Assembly (M.O.-Drawout)	11A						1	1				1	709730-T6
Operating Mechanism Assembly (E.O.-Stationary)	11B	1	1						1				709774-T3
Operating Mechanism Assembly (E.O.-Stationary)	11B			1	1					1			709774-T7
Operating Mechanism Assembly (E.O.-Stationary)	11B					1					1		709730-T3
Operating Mechanism Assembly (E.O.-Stationary)	11B						1	1				1	709730-T7
Operating Mechanism Assembly (E.O.-Drawout)	11B	1	1						1				709774-T4
Operating Mechanism Assembly (E.O.-Drawout)	11B			1	1					1			709774-T8
Operating Mechanism Assembly (E.O.-Drawout)	11B					1					1		709730-T4
Operating Mechanism Assembly (E.O.-Drawout)	11B						1	1				1	709730-T8
▲ Motor Assembly (When Used)													
48 Volts DC	12	1	1	1	1	1	1	1	1	1	1	1	709799-T3
110/120V AC or 125V DC	12	1	1	1	1	1	1	1	1	1	1	1	709799-T1
208/240V AC or 250V DC	12	1	1	1	1	1	1	1	1	1	1	1	709799-T2

① Basic OD-3 Overcurrent listed, for OD 4, OD-5, OD-6, etc. refer to the Current Breaker Division.

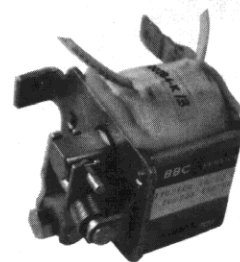
② Basic (Phase only) Power Shield, for SS 4, SS-5, SS-7, etc. and for target or alarm option adders, refer to the Circuit Breaker Division.



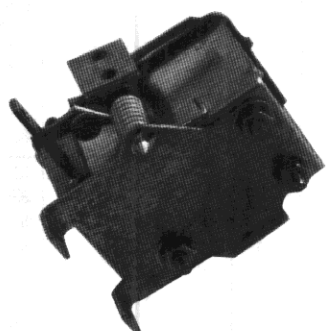
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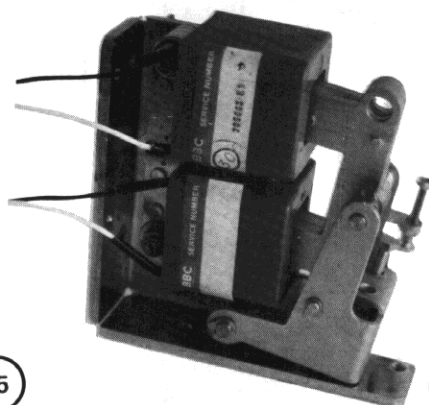
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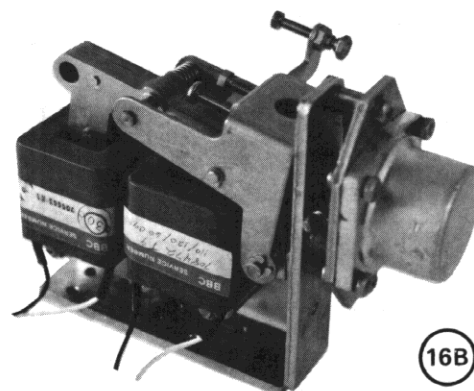
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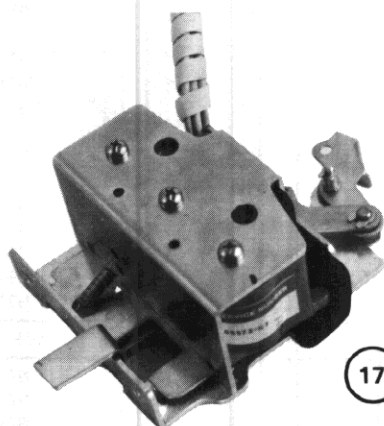
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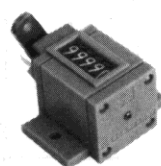
16A



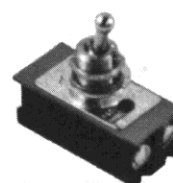
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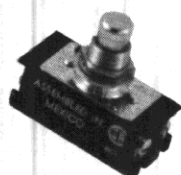
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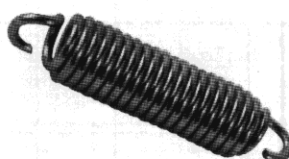
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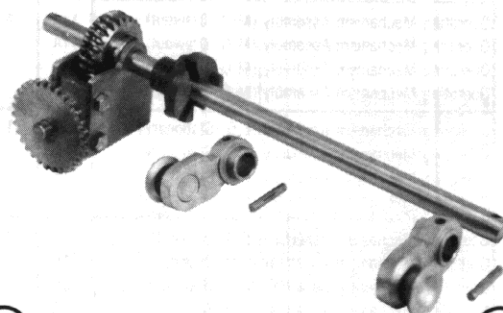
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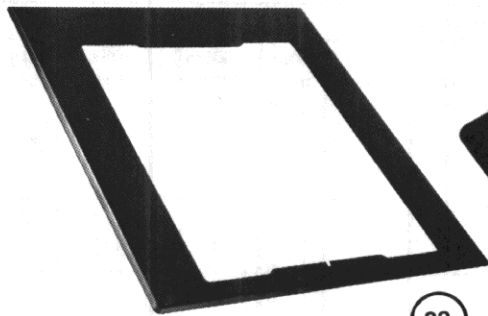


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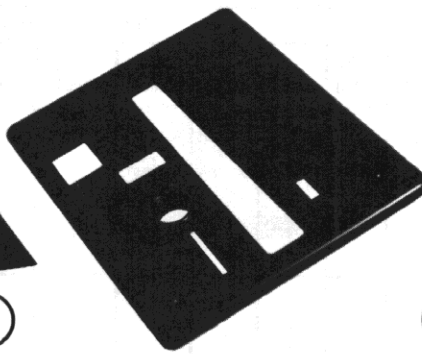


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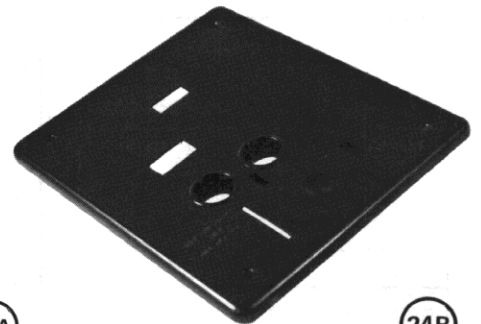
Description Of Assembly Or Part	Fig. Ref.	Quantity Per 3-Pole Breaker											Ordering Number
		K225	K600-K800	K1600	K2000	K600S-K800S	K1600S	K2000S	K-Don 600/800	K-Don 1600	K-Don 600S/800S	K-Don 1600S	
▲ Control Device Assembly (When Used)													
110/120V AC	13	1	1	1	1	1	1	1	1	1	1	1	708392-T9
208/240V AC	13	1	1	1	1	1	1	1	1	1	1	1	708392-T16
48V DC	13	1	1	1	1	1	1	1	1	1	1	1	708392-T6
125V DC	13	1	1	1	1	1	1	1	1	1	1	1	708392-T7
250V DC	13	1	1	1	1	1	1	1	1	1	1	1	708392-T8
▲ Shunt Trip Assembly (When Used)													
110/120V AC	14A	1	1	1	1		1	1	1	1		1	708393-T12
208/240V AC	14A	1	1	1	1		1	1	1	1		1	708393-T10
360/480V AC	14A	1	1	1	1		1	1	1	1		1	708393-T11
500/600V AC	14A	1	1	1	1		1	1	1	1		1	708393-T8
48V DC	14A	1	1	1	1		1	1	1	1		1	708393-T6
125V DC	14A	1	1	1	1		1	1	1	1		1	708393-T7
250V DC	14A	1	1	1	1		1	1	1	1		1	708393-T8
▲ Shunt Trip Assembly (When Used)													
110/120V AC	14B					1					1		709723-T12
208/240V AC	14B					1					1		709723-T10
360/480V AC	14B					1					1		709723-T11
500/600V AC	14B					1					1		709723-T8
48V DC	14B					1					1		709723-T6
125V DC	14B					1					1		709723-T7
250V DC	14B					1					1		709723-T8
▲ Magnetic Latch Assembly	15					1	1	1			1	1	160862-T3
▲ Undervoltage Trip Device-Instantaneous (When Used)													
110/120V AC	16A	1	1	1	1	1	1	1	1	1	1	1	708472-T1
220/240V AC	16A	1	1	1	1	1	1	1	1	1	1	1	708472-T2
440/480V AC	16A	1	1	1	1	1	1	1	1	1	1	1	708472-T4
550/600V AC	16A	1	1	1	1	1	1	1	1	1	1	1	708472-T5
48V DC	16A	1	1	1	1	1	1	1	1	1	1	1	708472-T6
125V DC	16A	1	1	1	1	1	1	1	1	1	1	1	708472-T7
250V DC	16A	1	1	1	1	1	1	1	1	1	1	1	708472-T8
▲ Undervoltage Trip Device-Time Delay (When Used)													
110/120V AC	16B	1	1	1	1	1	1	1	1	1	1	1	708472-T9
220/240V AC	16B	1	1	1	1	1	1	1	1	1	1	1	708472-T1
440/480V AC	16B	1	1	1	1	1	1	1	1	1	1	1	708472-T1
550/600V AC	16B	1	1	1	1	1	1	1	1	1	1	1	708472-T1
48V DC	16B	1	1	1	1	1	1	1	1	1	1	1	708472-T1
125V DC	16B	1	1	1	1	1	1	1	1	1	1	1	708472-T1
250V DC	16B	1	1	1	1	1	1	1	1	1	1	1	708472-T1
Open Fuse Trip Device	17								1	1	1	1	709724-T
Operation Counter (When Used)	18	1	1	1	1	1	1	1	1	1	1	1	180522-C
Motor Disconnect Switch (When Used)	19	1	1	1	1	1	1	1	1	1	1	1	703270-A
Electrical Close Switch (When Used)	20	1	1	1	1	1	1	1	1	1	1	1	703271-A
Opening Spring	21	2	2			2			2		2		650220-A
Opening Spring	21			2	2		2	2		2		2	650220-A
Drawout Mechanism Assembly	22	1	1			1			1		1		703230-T
Drawout Mechanism Assembly	22			1	1		1	1		1		1	703230-T



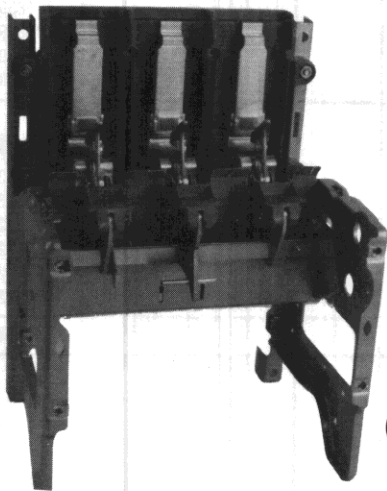
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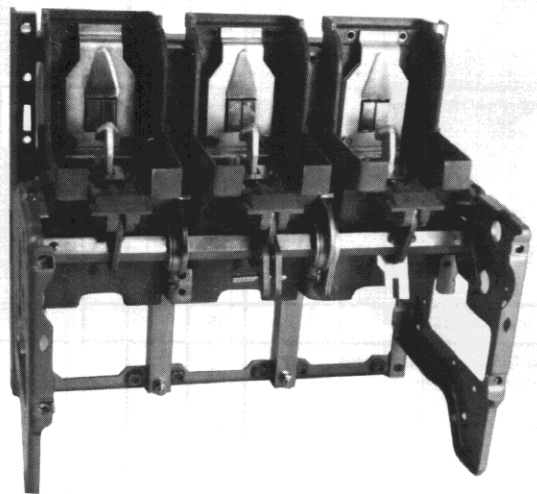
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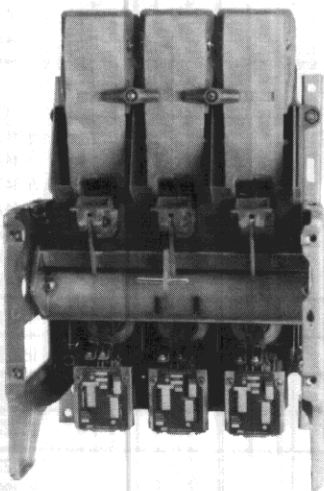
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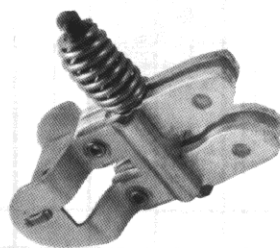
25A



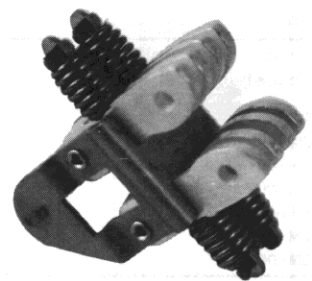
25B



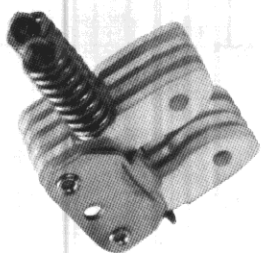
26



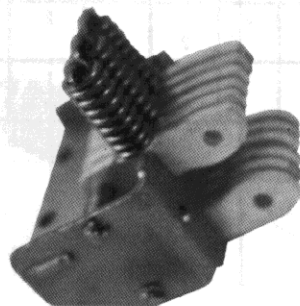
27A



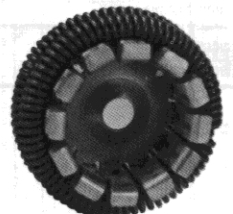
27B



27C

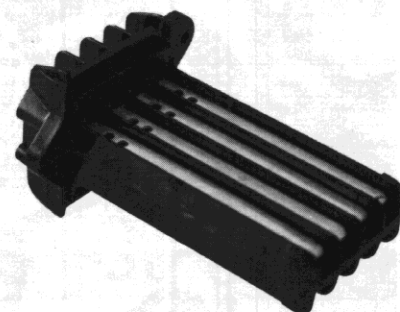
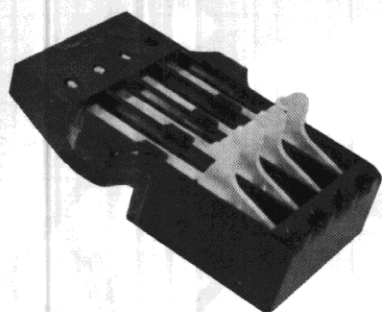


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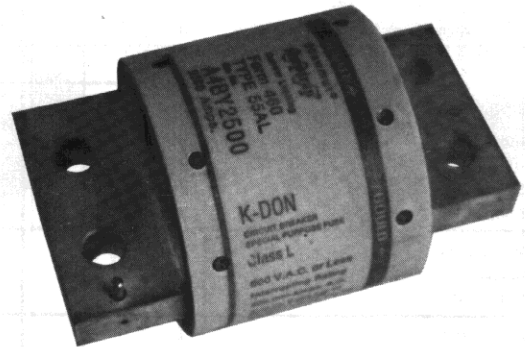
27E

Description Of Assembly Or Part	Fig. Ref.	Quantity Per 3-Pole Breaker											Ordering Number
		K225	K600-K800	K1600	K2000	K600S-K800S	K1600S	K2000S	K-Don 600/800	K-Don 1600	K-Don 600S/800S	K-Don 1600S	
Dust Plate	23	1	1	1	1	1	1	1	1	1	1	1	702669-A
Escutcheon Front Plate Assembly													
M.O.-Stationary	24A	1	1	1	1	1	1	1	1	1	1	1	708118-K1
M.O.-Drawout	24A	1	1	1	1	1	1	1	1	1	1	1	708118-K2
E.O.-Stationary	24B	1	1	1	1	1	1	1	1	1	1	1	708119-K3
E.O.-Drawout	24B	1	1	1	1	1	1	1	1	1	1	1	708119-K4
Basic Frame Assembly	25A	1	1						1				708356-T1
Basic Frame Assembly	25A					1			1		1		708356-T3
Basic Frame Assembly	25B			1	1		1	1		1		1	708356-T5
Basic Breaker Assembly	26	1											708355-T1
Basic Breaker Assembly	26		1			1			1		1		708355-T3
Basic Breaker Assembly	26			1			1			1			708355-T5
Basic Breaker Assembly	26				1			1				1	708355-T7
Primary Disconnect Assembly (When Used)	27A	6											706777-T1
Primary Disconnect Assembly (When Used)	27B		6			6			3		3		706777-T3
Primary Disconnect Assembly (When Used)	27C								3		3		706777-T5
Primary Disconnect Assembly (When Used)	27D			6			6						706777-T11
Primary Disconnect Assembly (When Used)	27E				6			6		6		6	709957-T1
Secondary Disconnect Assembly-Moving(When Used)	28	2	2	2	2	2	2	2	2	2	2	2	703153-K1
Secondary Disconnect Assembly- Stationary (When Used)	29	2	2	2	2	2	2	2	2	2	2	2	703152-K1

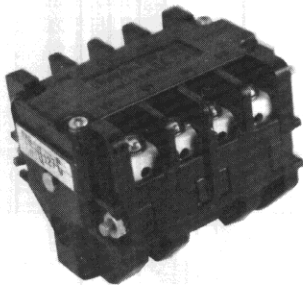




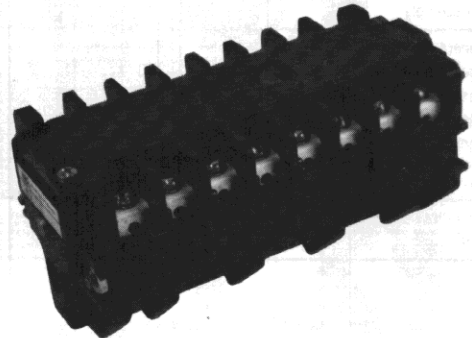
30A



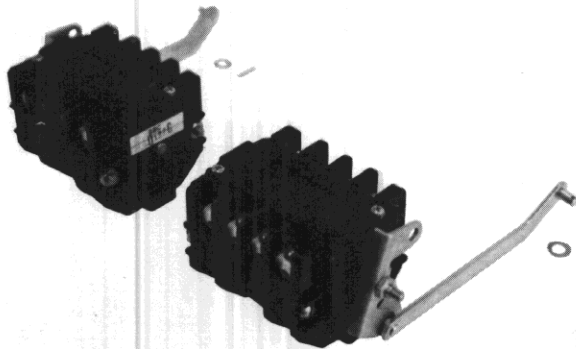
30B



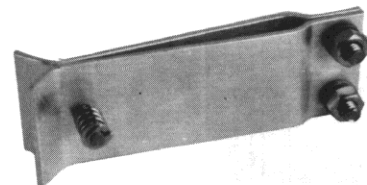
31



32



33



34

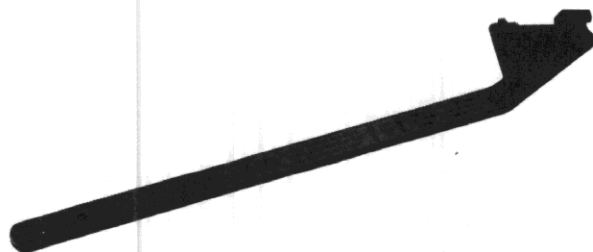


35



36

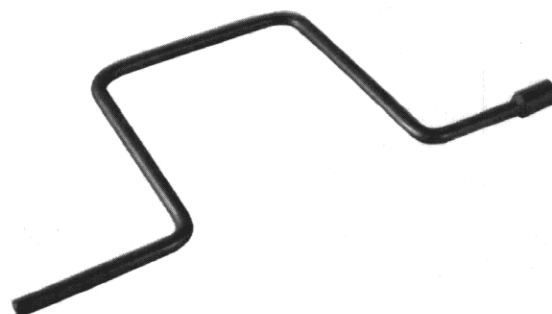
Description Of Assembly Or Part	Fig. Ref.	Quantity Per 3-Pole Breaker											Ordering Number
		K225	K600-K800	K1600	K2000	K600S-K800S	K1600S	K2000S	K-Don 600/800	K-Don 1600	K-Don 600S/800S	K-Don 1600S	
▲ Current Limiting Fuse (When Used)													
300 Amp (Non-UL)	30A								3	3	3		710316-A1
400 Amp (Non-UL)	30A								3	3	3		710316-A2
600 Amp (Non-UL)	30A								3	3	3		710316-A3
800 Amp (UL)	30A								3	3	3	3	710316-A4
1000 Amp (UL)	30A								3	3	3	3	710316-A5
1200 Amp (UL)	30A								3	3	3	3	710316-A6
1600 Amp (UL)	30A									3		3	710316-A7
2000 Amp (UL)	30A									3		3	710316-A8
2500 Amp (UL)	30B									3		3	712652-A
Auxiliary Switch - 4 Contact	31	1	1	1	1	1	1	1	1	1	1	1	700034-K1
Auxiliary Switch - 8 Contact	32	1	1	1	1	1	1	1	1	1	1	1	700038-K1
Auxiliary Switch w/mounting													
4 Contact - RH	33	1	1			1			1		1		709653-T1
8 Contact - RH	33	1	1			1			1		1		709653-T2
4 Contact - LH	33	1	1			1			1		1		709653-T3
4 Cont.-LH & 4 Cont.-RH (As shown)	33	1	1			1			1		1		709653-T4
4 Cont.-LH & 8 Cont.-RH	33	1	1			1			1		1		709653-T5
4 Contact - RH	33			1	1		1	1		1		1	709653-T6
8 Contact - RH	33			1	1		1	1		1		1	709653-T7
4 Contact - LH	33			1	1		1	1		1		1	709653-T8
4 Cont.-LH & 4 Cont.-RH	33			1	1		1	1		1		1	709653-T9
4 Cont.-LH & 8 Cont.-RH	33			1	1		1	1		1		1	709653-T10
Ground Clip	34	1	1	1	1	1	1	1	1	1	1	1	703230-T3
Hardware & Retainer Kit	35	1	1	1	1	1	1	1	1	1	1	1	709654-T2
Accessories		Order Accessories in quantities as required.											
Accessory Kit	36												709770-T1
Maintenance Handle	37												703848-K1
Lifting Yoke	38												709770-T5
Racking Crank	39												711706-K1



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BBC Brown Boveri, Inc.

Circuit Breaker Division
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