

## **I-T-E LOW-VOLTAGE POWER CIRCUIT BREAKERS**

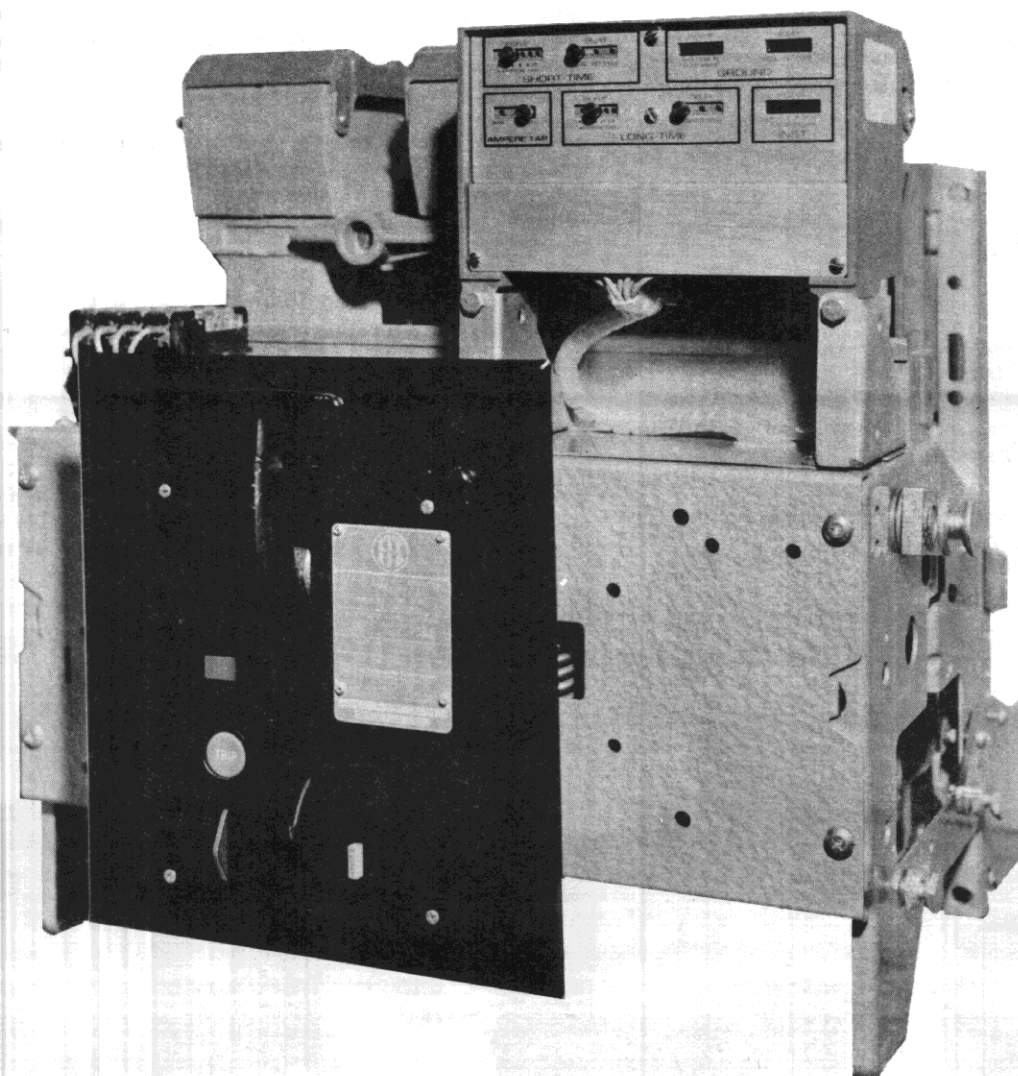
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### **RENEWAL PARTS**

**TYPE K-225, 600, 800, 1600, 2000, 600S, 800S, 1600S, 2000S CIRCUIT BREAKERS**

**K-DON® -600, 800, 1600, 600S, 800S, 1600S FUSED CIRCUIT BREAKERS**

**KSP™ -1200, 1600, 2000 POWER SERVICE PROTECTORS**



**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  
KSP-1200, 1600, 2000 POWER SERVICE PROTECTORS**

**GENERAL NOTES**

1. 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.

2. The parts listed cover an indefinite period of time. With normal duty and maintenance, replacement will be infrequent.
3. Standard hardware (screws, nuts, lockwashers, etc.) is not included with the parts.
4. Where continuity of service is mandatory, a spare breaker is recommended.

**ORDERING INSTRUCTIONS**

When ordering, always state type of circuit breaker and serial number for 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 type K-600 circuit breaker, specify the following:

For a type K-600 circuit breaker  
Serial No. 39402-22-2-4A  
P.O. No. 35432 (Your Number)  
GOULD S.O. 33-39402  
Quantity 2 Moving Contact Assembly 706783-T2

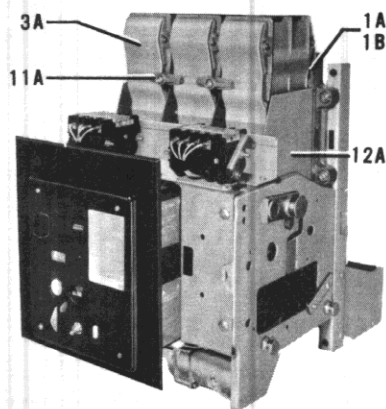
The recommended spares in this bulletin apply only to circuit breakers having the features listed. For example, if your circuit breaker is stationary mounted, you would disregard the primary and secondary disconnect assemblies (Fig. Refs, 13A,B,D,E, and 14A).

If your circuit breaker has some special feature not listed, provide complete description of feature, such as — Bell Alarm Switch — 120 Volts AC, (1) N.O. and (1) N.C. contact -- in addition to other information requested above.

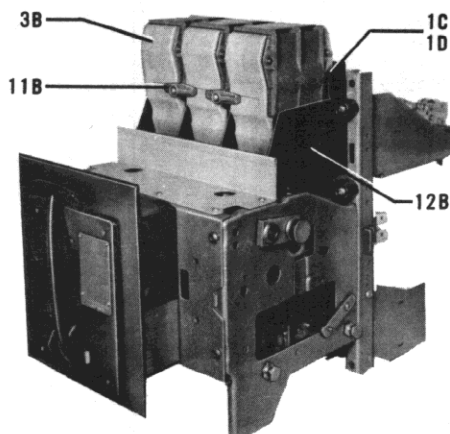
When ordering current-limiting fuses, always specify the continuous current rating in addition to one number.

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.

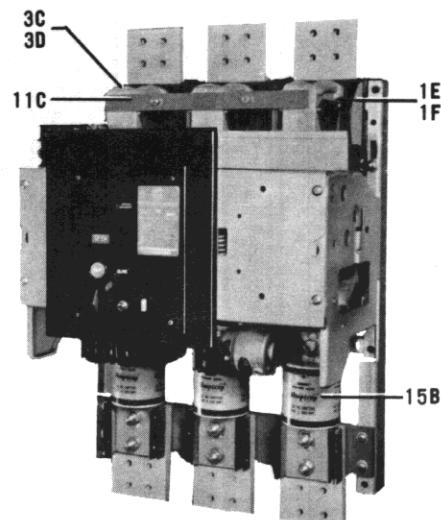
**FOR PRICES AND TECHNICAL INFORMATION,  
CONTACT OUR NEAREST SALES OFFICE.**



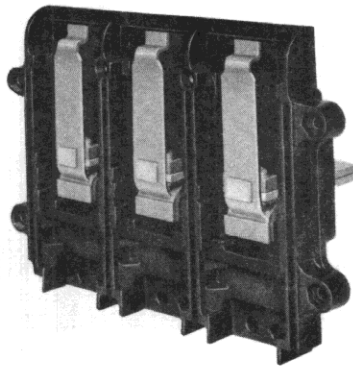
Typical K-600, E.O.



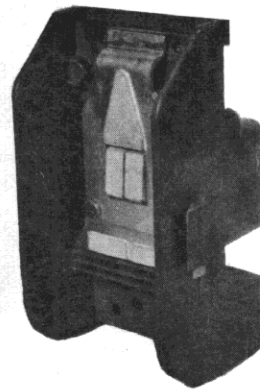
Typical K-Don-600, M.O.



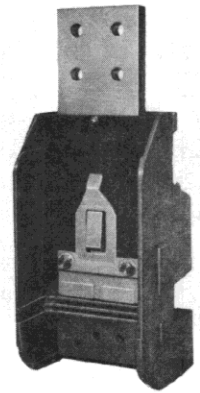
Typical KSP-2000, E.O.



1A or 1B



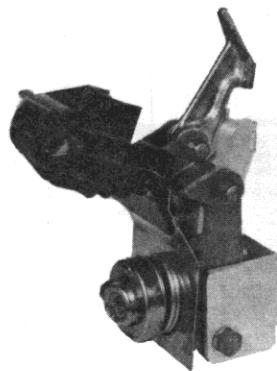
1C or 1D



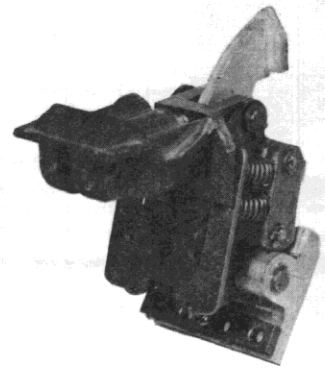
1E or 1F



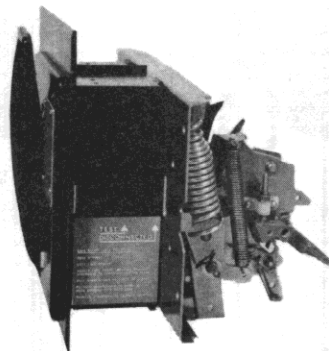
2A



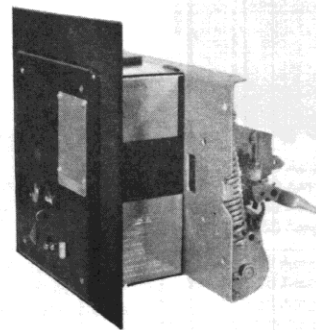
2B



2C or 2D



4A, 4B, 4C or 4D  
(M.O. Drawout Shown)



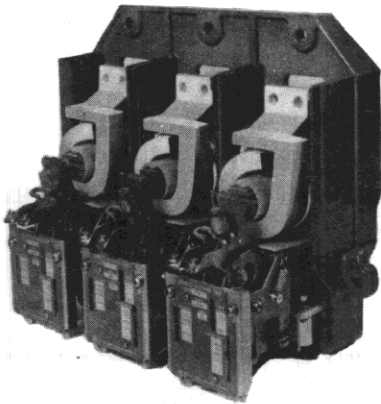
4A, 4B, 4C or 4D  
(E.O. Drawout Shown)

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.

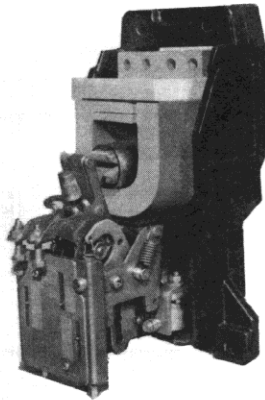
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45371

30158  
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45081

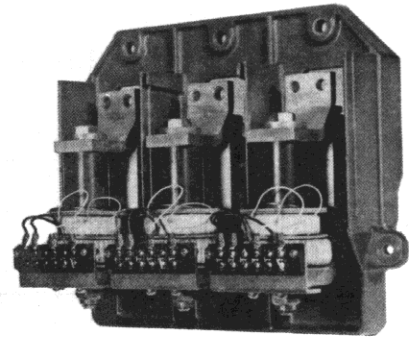
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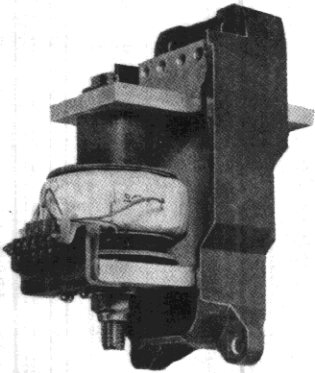
5A or 5B



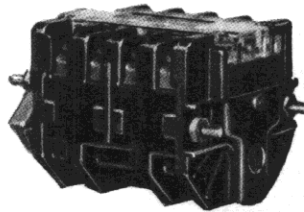
5C or 5D



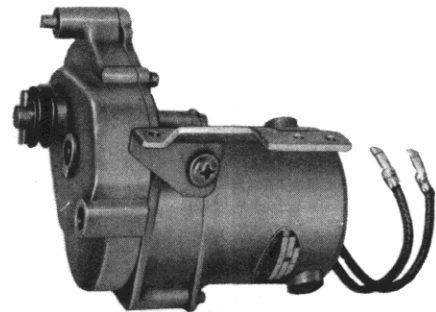
5E



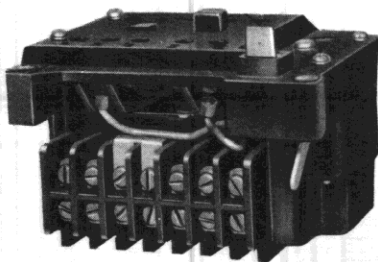
5F or 5G



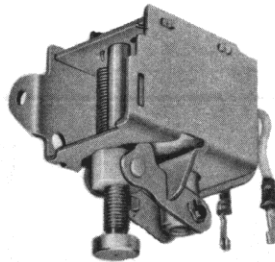
6A or 6B



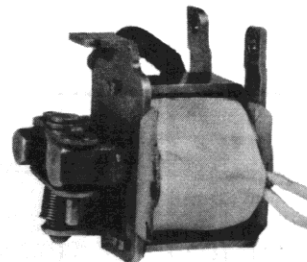
7A



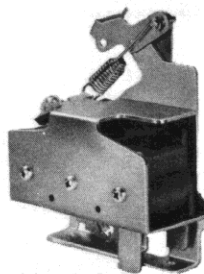
8A



9A



9B



10A

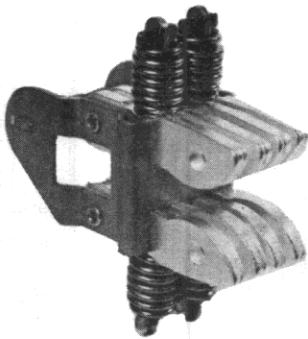
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44584

50458  
50048

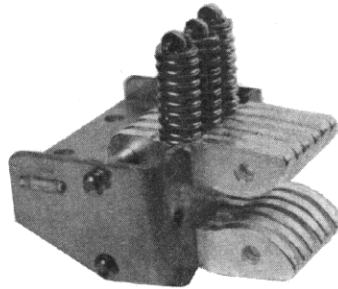
50060  
50059

45029

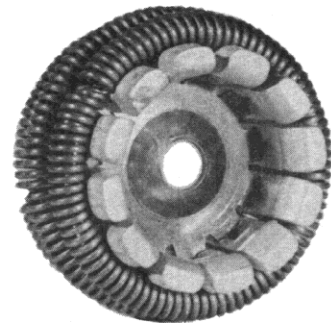
| Fig. Ref.                        | Quantity per 3-Pole |                                                |        |                         |                                                    |        |                         |                      |          | Description of Assembly or Part                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Order Number                                                                                                                                                                                                                                        |
|----------------------------------|---------------------|------------------------------------------------|--------|-------------------------|----------------------------------------------------|--------|-------------------------|----------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                  | Circuit Breaker     |                                                |        |                         |                                                    |        | Service Protector       |                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                     |
|                                  | K-225               | K-600<br>K-Don<br>600<br>K-800<br>K-Don<br>800 | K-1600 | K-2000<br>K-Don<br>1600 | K-600S<br>K-Don<br>600S<br>K-800S<br>K-Don<br>800S | K-1600 | K-2000<br>K-Don<br>1600 | KSP-1200<br>KSP-1600 | KSP-2000 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                     |
| 1A<br>1B<br>1C<br>1D<br>1E<br>1F | 1                   | 1                                              | 3      | 3                       | 1                                                  | 3      | 3                       | 3                    | 3        | Stationary Contact and Base Molding Assembly<br>Stationary Contact and Base Molding Assembly<br>Stationary Contact and Base Molding Assembly<br>Stationary Contact and Base Molding Assembly<br>Stationary Contact and Base Molding Assembly<br>Stationary Contact and Base Molding Assembly                                                                                                                                                                                                                                                                                                         | 706784-<br>706784-<br>706784-<br>706784-<br>706784-<br>706784-                                                                                                                                                                                      |
| 2A<br>2B<br>2C<br>2D             | 3                   | 3                                              | 3      | 3                       | 3                                                  | 3      | 3                       | 3                    | 3        | Moving Contact Assembly<br>Moving Contact Assembly<br>Moving Contact Assembly<br>Moving Contact Assembly                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 706783-<br>706783-<br>706783-<br>706783-1                                                                                                                                                                                                           |
| 3A<br>3B<br>3C<br>3D             | 3                   | 3                                              | 3      | 3                       | 3                                                  | 3      | 3                       | 3                    | 3        | Arc Chute Assembly<br>Arc Chute Assembly<br>Arc Chute Assembly - 240 Volts Only<br>Arc Chute Assembly - 480 & 600 Volts                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 706775-1<br>706775-1<br>706775-1<br>706775-1                                                                                                                                                                                                        |
| 4A<br><br>4B<br><br>4C<br><br>4D | 1                   | 1                                              | 1      | 1                       | 1                                                  | 1      | 1                       | 1                    | 1        | Operating Mechanism Assembly<br>Manually Operated - Stationary<br>Manually Operated - Drawout<br>Electrically Operated - Stationary<br>Electrically Operated - Drawout<br>Manually Operated - Stationary<br>Manually Operated - Drawout<br>Electrically Operated - Stationary<br>Electrically Operated - Drawout<br>Manually Operated - Stationary<br>Manually Operated - Drawout<br>Electrically Operated - Stationary<br>Electrically Operated - Drawout<br>Manually Operated - Stationary<br>Manually Operated - Drawout<br>Electrically Operated - Stationary<br>Electrically Operated - Drawout | 706774-T<br>706774-T<br>706774-T<br>706774-T<br>706774-T<br>706774-T<br>706774-T<br>706774-T<br>706774-T<br>706774-T<br>706774-T<br>706774-T<br>706774-T<br>706774-T<br>706774-T<br>706774-T<br>706774-T                                            |
| 5A<br><br>5B<br><br>5C<br><br>5D | 1                   | 1                                              | 3      | 3                       | 1                                                  | 3      | 3                       | 3                    | 3        | Lower Molding Assembly<br>Standard Type OD-3<br>Electro-Mechanical<br>Overcurrent Device<br>225 to 120 Amps.<br>125 to 70 Amps.<br>70 to 40 Amps.<br>40 to 20 Amps.<br>20 to 12 Amps.<br>800 to 400 Amps. (K & K-Don 800)<br>600 to 400 Amps.<br>400 to 250 Amps.<br>225 to 120 Amps.<br>125 to 70 Amps.<br>70 to 40 Amps. (Except K-800)<br>1600 to 800 Amps.<br>800 to 400 Amps.<br>400 to 250 Amps.<br>225 to 120 Amps.<br>2000 to 1200 Amps. (Except K-Don)<br>1600 to 800 Amps.<br>800 to 400 Amps.<br>400 to 250 Amps.                                                                         | 708371-32<br>708371-31<br>708371-30<br>708371-30<br>708371-30<br>708372-36<br>708372-36<br>708372-34<br>708372-32<br>708372-31<br>708372-30<br>708373-31<br>708373-38<br>708373-34<br>708373-32<br>708374-32<br>708374-31<br>708374-38<br>708374-34 |
| • 5E<br>• 5F<br>• 5G             |                     |                                                |        |                         | 1                                                  | 3      | 3                       |                      |          | Lower Molding Assembly with Solid State Power Supply and Overcurrent Sensors<br>800 to 300 Amps. (K & K-Don 800)<br>600 to 250 Amps.<br>225 to 50 Amps.<br>1600 to 600 Amps.<br>600 to 250 Amps.<br>2000 to 800 Amps. (K-2000S)<br>1600 to 600 Amps. (K-Don-1600S)<br>600 to 250 Amps. (K-Don-1600S)                                                                                                                                                                                                                                                                                                 | 709733-T1<br>709733-T1<br>709733-T1<br>709734-T1<br>709734-T3<br>709734-T5<br>709734-T5<br>709734-T6                                                                                                                                                |
| 6A<br>6B                         | 1<br>1              | 1<br>1                                         | 1<br>1 | 1<br>1                  | 1<br>1                                             | 1<br>1 | 1<br>1                  | 1<br>1               | 1<br>1   | Auxiliary Switch - 4 Contact (When Used)<br>Auxiliary Switch - 8 Contact (When Used)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 700034-K1<br>700038-K1                                                                                                                                                                                                                              |
| ▲ 7A                             | 1                   | 1                                              | 1      | 1                       | 1                                                  | 1      | 1                       | 1                    | 1        | Motor Assembly with Mounting (When Used)<br>110-120 Volts AC or 125 Volts DC<br>208-240 Volts AC or 250 Volts DC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 708381-T1<br>708381-T2                                                                                                                                                                                                                              |



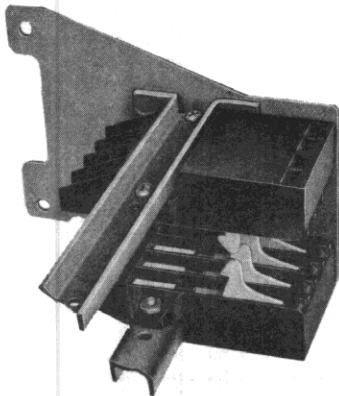
13A, 13B or 13C



13D



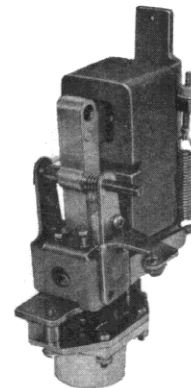
13E



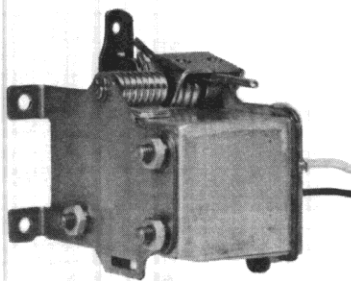
14A



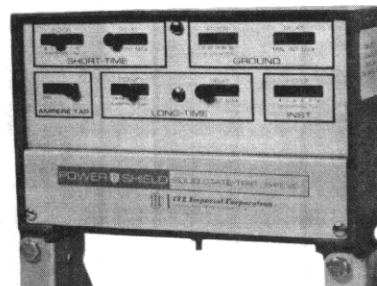
15A, 15B or 15C



16A



17A



18A, 18B or 18C

4511  
4517

30158  
45372

50561

## I-T-E LOW-VOLTAGE POWER CIRCUIT BREAKERS

RP-9.1.1

PAI

| Fig. Ref. | Quantity per 3-Pole |                                                |        |                         |                                                    |         |                           |                      |          | Description of Assembly or Part                                                                  | Order Numb                                                                                                                                                 |                                                                    |
|-----------|---------------------|------------------------------------------------|--------|-------------------------|----------------------------------------------------|---------|---------------------------|----------------------|----------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
|           | Circuit Breaker     |                                                |        |                         |                                                    |         |                           | Service Protector    |          |                                                                                                  |                                                                                                                                                            |                                                                    |
|           | K-225               | K-600<br>K-Don<br>600<br>K-800<br>K-Don<br>800 | K-1600 | K-2000<br>K-Don<br>1600 | K-600S<br>K-Don<br>600S<br>K-800S<br>K-Don<br>800S | K-1600S | K-2000S<br>K-Don<br>1600S | KSP-1200<br>KSP-1600 | KSP-2000 |                                                                                                  |                                                                                                                                                            |                                                                    |
| ▲8A       | 1                   | 1                                              | 1      | 1                       | 1                                                  | 1       | 1                         | 1                    | 1        | Control Device Assembly (When Used)                                                              | 110-120 Volts, 60 Cycle<br>208-240 Volts, 60 Cycle<br>125 Volts, DC<br>250 Volts, DC                                                                       | 708392<br>708392<br>708392<br>708392                               |
| ▲9A       | 1                   | 1                                              | 1      | 1                       |                                                    | 1       | 1                         | 1                    | 1        | Shunt Trip Assembly (When Used)                                                                  | 110-120 Volts, 60 Cycle<br>208-240 Volts, 60 Cycle<br>360-480 Volts, 60 Cycle<br>500-600 Volts, 60 Cycle<br>125 Volts, DC<br>250 Volts, DC                 | 708393<br>708393<br>708393<br>708393<br>708393<br>708393           |
| ▲9B       |                     |                                                |        |                         | 1                                                  |         |                           |                      |          |                                                                                                  | 110-120 Volts, 60 Cycle<br>208-240 Volts, 60 Cycle<br>360-480 Volts, 60 Cycle<br>500-600 Volts, 60 Cycle<br>125 Volts, DC<br>250 Volts, DC                 | 709723<br>709723<br>709723<br>709723<br>709723<br>709723           |
| 10A       |                     | 1                                              |        | 1                       | 1                                                  |         | 1                         | 1                    | 1        | Open Fuse Trip Device (K Don & KSP)                                                              |                                                                                                                                                            | 709724                                                             |
| 11A       | 2                   | 2                                              |        | 2                       | 2                                                  | 2       | 2                         |                      |          | Arc Chute Retainer                                                                               |                                                                                                                                                            | 701491                                                             |
| 11B       |                     |                                                | 2      | 2                       |                                                    | 2       |                           | 1                    | 1        | Arc Chute Retainer                                                                               |                                                                                                                                                            | 701545                                                             |
| 11C       |                     |                                                |        |                         |                                                    |         |                           |                      |          | Arc Chute Retainer                                                                               |                                                                                                                                                            | 705536                                                             |
| 12A       | 4                   | 4                                              |        |                         | 4                                                  |         |                           |                      |          | Interphase Barrier                                                                               |                                                                                                                                                            | 701531                                                             |
| 12B       |                     |                                                | 3      | 3                       |                                                    | 3       | 3                         |                      |          | Interphase Barrier                                                                               |                                                                                                                                                            | 707111                                                             |
| 12C       |                     |                                                |        |                         |                                                    |         |                           | 2                    | 2        | Interphase Barrier (600 Volts Only)                                                              |                                                                                                                                                            | 708504                                                             |
| 13A       | 6                   |                                                |        |                         | 6 *3                                               |         |                           |                      |          | Primary Disconnect Assembly                                                                      |                                                                                                                                                            | 708777                                                             |
| 13B       |                     | 6 *3                                           |        |                         | *3                                                 |         |                           |                      |          | Primary Disconnect Assembly (K-Don Lower)                                                        |                                                                                                                                                            | 708777                                                             |
| 13C       |                     | *3                                             |        |                         |                                                    |         |                           |                      |          | Primary Disconnect Assembly (K-Don Upper)                                                        |                                                                                                                                                            | 708777                                                             |
| 13D       |                     |                                                | 6      | 6                       |                                                    | 6       | 6                         |                      |          | Primary Disconnect Assembly                                                                      |                                                                                                                                                            | 708777                                                             |
| 13E       |                     |                                                |        |                         |                                                    |         |                           |                      |          | Primary Disconnect Assembly                                                                      |                                                                                                                                                            | 708777                                                             |
| 14A       | 2                   | 2                                              | 2      | 2                       | 2                                                  | 2       | 2                         |                      |          | Secondary Disconnect Assembly (When Used)                                                        |                                                                                                                                                            | 703153                                                             |
| ▲15A      |                     | *3                                             |        | *3                      | *3                                                 |         | *3                        |                      |          | Current-Limiting Fuse (55AK)                                                                     |                                                                                                                                                            | 708235                                                             |
| ▲15B      |                     |                                                |        |                         |                                                    |         |                           | 3                    | 3        | Current-Limiting Fuse                                                                            |                                                                                                                                                            | 705070                                                             |
| ▲15C      |                     | *3                                             |        | *3                      | *3                                                 |         | *3                        |                      |          | Current-Limiting Fuse (55AL)                                                                     |                                                                                                                                                            | 710318                                                             |
| ▲16A      | 1                   | 1                                              | 1      | 1                       | 1                                                  | 1       | 1                         | 1                    | 1        | Undervoltage Assembly (When Used)                                                                |                                                                                                                                                            |                                                                    |
|           |                     |                                                |        |                         |                                                    |         |                           |                      |          | Instantaneous                                                                                    | 110-120 Volts, 60 Cycle<br>220-240 Volts, 60 Cycle<br>440-480 Volts, 60 Cycle<br>550-600 Volts, 60 Cycle<br>48 Volts, DC<br>125 Volts, DC<br>250 Volts, DC | 708472<br>708472<br>708472<br>708472<br>708472<br>708472<br>708472 |
|           |                     |                                                |        |                         |                                                    |         |                           |                      |          | Time-Delay                                                                                       | 110-120 Volts, 60 Cycle<br>220-240 Volts, 60 Cycle<br>440-480 Volts, 60 Cycle<br>550-600 Volts, 60 Cycle<br>48 Volts, DC<br>125 Volts, DC<br>250 Volts, DC | 708472<br>708472<br>708472<br>708472<br>708472<br>708472<br>708472 |
| ▲17A      |                     |                                                |        |                         | 1                                                  | 1       | 1                         |                      |          | Magnetic Latch Assembly                                                                          |                                                                                                                                                            | 160862                                                             |
| ●18A      |                     |                                                |        |                         | 1                                                  |         |                           |                      |          | Power Shield                                                                                     | 800 to 300 Amps                                                                                                                                            | 609907                                                             |
|           |                     |                                                |        |                         |                                                    |         |                           |                      |          | Solid State                                                                                      | 600 to 250 Amps                                                                                                                                            | 609902                                                             |
| ●18B      |                     |                                                |        |                         |                                                    | 1       |                           |                      |          | Logic Assembly                                                                                   | 225 to 50 Amps                                                                                                                                             | 609901                                                             |
|           |                     |                                                |        |                         |                                                    |         |                           |                      |          | Standard Type SS- 3                                                                              | 1600 to 600 Amps.<br>600 to 250 Amps.                                                                                                                      | 609903<br>609902                                                   |
| ●18C      |                     |                                                |        |                         |                                                    |         | 1                         |                      |          | (K-2000S) 2000 to 800 Amps.<br>(K-Don-1600S) 1600 to 600 Amps.<br>(K-Don-1600S) 600 to 250 Amps. |                                                                                                                                                            | 609904<br>609903<br>609902                                         |

\*K-Don Only. Fuses originally supplied on these circuit breakers were Chase-Shawmut Type 55AK. The 55AL fuses cannot be used for replacing the Type 55AK unless a modification is made to the primary disconnect mounting block. It is recommended that like type fuses be used for replacement.

