



Nuclear Services/Repair, Replacement and Automation Services

DB Air Circuit Breaker and Cell Parts Listing

General Information:

1. Parts listed under a KIT number must be ordered as a kit. Individual parts included in the KIT are not available.
2. When ordering:
 - a. Give Item Name, Part Number, Style or Kit Number.
 - b. Provide original Shop Order (S.O.) number from the breaker nameplate when ordering, if possible.
3. For items not in this list, contact the nearest Westinghouse Sales Office or your Nuclear Parts Specialist. This can be found online via the hyperlink below and following the link for your utility's name.

http://www.westinghousenuclear.com/Businesses/Nuclear_Services/tras_customer_service.shtm

4. Standard hardware such as bolts, nuts, washers, etc., should be purchased locally when not supplied as part of a kit or subassembly. Bolts holding main assemblies, such as the pole unit, to the steel back panel should be SAE Grade 5 hardware. Torque requirements are included in Section 4-7 of the MPM-DB BREAKER Manual, dated March 2002.
5. Electro-mechanical overcurrent trip assemblies and parts are not available and the use of these assemblies is not supported by Westinghouse Repair, Replacement and Automation Services.
6. The superceded Maintenance Program Manual, MPM-WOGRTSDB50-01, dated November 20, 1986 for Westinghouse DB-50 Reactor Trip Circuit Breakers and associated switchgear and Westinghouse Technical Bulletin NSD-TB-92-04-R0, dated May 18, 1992, entitled "DB Breaker Maintenance" include parts listings that could also be helpful in determining your replacement parts needs.



7. Current pricing and lead time information is available through your local Westinghouse Sales Office, your Nuclear Parts Specialist or RAPID-EIDMS, an on-line computer system providing access to Westinghouse nuclear-grade spare parts and pricing when the part number is known.

RAPID-EIDMS is located on the World Wide Web at:

http://www.westinghousenuclear.com/Businesses/Nuclear_Services/rras_rapid_eidms.shtm

A username and password is required for this service. Instructions for obtaining a username and password appear on the website listed above.

If you do not have access to Rapid EIDMS, visit www.westinghousenuclear.com and follow the path:

[Westinghouse](#) : [Businesses](#) : [Nuclear Services](#) : RRAS Marketing Contacts: RRAS Contact Us

When the part number is not known, contact the Westinghouse Sales Office, your Nuclear Parts Specialist or call Westinghouse Repair, Replacement and Automation Services at 800-458-2206 for help in ordering the correct part.

DB-25 BREAKER ASSEMBLY AND PARTS

| Description | Part Number | Style Number |
|---|-------------|--------------|
| Complete Electrically Operated Breaker Assembly | 405D804G05 | |
| Complete Manually Operated Breaker Assembly | 405D804G07 | |
| Complete Pole Unit Assembly <i>(Replacement parts listed below)</i> | 21A8826G01 | 1529382 |
| Electrical Operating Mechanism | 419D872G01 | |
| Operating Mechanism Shoulder Bolt | 894741H13 | 1533358 |
| Operating Mechanism Cover KIT | 5369C60G01 | |
| KIT Consisting of: | | |
| Mechanism Cover | 405D571H16 | |
| Mounting Hardware | | |
| Operating Mechanism Cover with Cycle Counter Assembly | 4A48816G01 | |
| Electric Closing Solenoid Assembly (125 VDC) | 18B1273G24 | 1529941 |
| Consisting of: | | |
| Mechanical Parts | 18B1273G01 | |
| Trip Bracket | 18B1273G02 | |
| 125 VDC Coil | N/A | 1529458 |
| Electric Closing Solenoid Assembly (250 VDC) | 18B1273G25 | 1529942 |
| Consisting of: | | |
| Mechanical Parts | 18B1273G01 | |
| Trip Bracket | 18B1273G02 | |
| 250 VDC Coil | N/A | 1718045 |
| Mechanically Operated Mechanism | 419D872G03 | |
| Order with Manual Closing Spring Assembly (Not supplied with electrically operated breakers) | 307C752G01 | |
| Operating Handle | 302C425G02 | |
| Arc Chute | 50A1548G03 | 1491059 |
| Ground Contact Assembly KIT | 2A10103G01 | |
| Consisting of: | | |
| Ground Contact Finger Assembly | 21B4726G02 | |
| Hardware | | |
| Cross Bar | 5C9899H04 | 1491394 |
| Retaining Ring Assortment | 497A346G02 | |
| Consisting of: | | |
| 1/8" Retaining Ring (Qty. 6) | | |
| 5/32" Retaining Ring (Qty. 3) | | |
| 3/16" Retaining Ring (Qty. 6) | | |
| 1/4" Retaining Ring (Qty. 1) | | |
| 5/16" Retaining Ring (Qty. 12) | | |
| 1/2" Retaining Ring (Qty. 1) | | |
| 5/8" Retaining Ring (Qty. 2) | | |

DB-25 BREAKER ASSEMBLY AND PARTS (cont.)

| Description | Part Number | Style Number |
|--|--------------------|---------------------|
| KIT Consisting of: | | |
| Left Hand Movable Contact | 23A3609G16 | |
| Left Hand Stationary Contact | 23A3609G17 | |
| Right Hand Movable Contact | 23A3609G03 | 1491294 |
| Right Hand Stationary Contact | 23A3609G04 | 1491295 |
| Elastic Stop Nut (0.164-32) (Qty. 2) | | |
| Contact Spring (Qty. 2) | 17D5806H02 | 1491306 |
| <i>(Do not interchange the movable contacts. The left hand contacts are stamped "D54F" or "CD" and <u>must</u> be used with the arc chamber and blow-out coil.)</i> | | |
| Auxiliary Switch Assembly, 8 Pole <i>(With linkage, covers and mounting hardware)</i> <i>Order by description and provide complete breaker nameplate information</i> | 14B7132G07 | 1649878 |
| Auxiliary Switch Assembly, 4 Pole <i>(With linkage, covers and mounting hardware)</i> <i>Order by description and provide complete breaker nameplate information</i> | 14B7132G06 | 1649877 |
| Top Auxiliary Switch Cover, Front | 302C225H02 | |
| Bottom Auxiliary Switch Cover, Front <i>(For 4 pole Auxiliary Switch, order top cover only)</i> | 302C225H01 | |
| Auxiliary Switch Cover, Rear | 13D3172H04 | |
| Shunt Trip with Alarm Switch (125 VDC) Consisting of: | 432D322G27 | |
| Mechanical Parts | 432D322G02 | |
| 125 VDC Coil | 677C903G02 | 1491991 |
| 2nd Alarm Switch & Mounting Hardware | 432D322G03 | |
| Shunt Trip with Alarm Switch (250 VDC) Consisting of: | 432D322G28 | |
| Mechanical Parts | 432D322G02 | |
| 250 VDC Coil | 677C903G03 | 1640660 |
| 2nd Alarm Switch & Mounting Hardware | 432D322G03 | |
| Shunt Trip Attachment (125 VDC) Consisting of: | 23A6723G13 | 1491362 |
| Mechanical Parts | 23A6723G02 | 1491275 |
| 125 VDC Coil | 677C903G07 | 1491403 |
| Shunt Trip Attachment (250 VDC) Consisting of: | 23A6723G14 | 1491363 |
| Mechanical Parts | 23A6723G02 | 1491275 |
| 250 VDC Coil | N/A | 1491404 |

DB-25 BREAKER ASSEMBLY AND PARTS (cont.)

| Description | Part Number | Style Number |
|---|--------------------|---------------------|
| Under-Voltage Trip Attachment (125 VDC) | 23A9019G31 | |
| Consisting of: | | |
| Mechanical Parts | 23A9019G04 | |
| 125 VDC Coil | N/A | 1611027 |
| Resistor Capacitor Assembly | 682C095G01 | |
| <i>(For use with DC Shunt Trip with electrical reset <u>only</u>)</i> | | |
| Interlock Assembly KIT | 5369C59G01 | |
| KIT Consisting of: | | |
| Interlock Assembly | 23A6571G01 | 1491274 |
| Mounting Hardware | | |
| Complete Pole Unit Assembly | 21A8826G01 | 1529382 |
| Pole Base | 4A48805G02 | |
| Upper Stud | 21A3598G01 | |
| Stationary Contact Assembly | 21A3598G03 | |
| Consisting of: | | |
| Stud Assembly | 21A3598G01 | 1491419 |
| Contact Assembly KIT | 5369C61G01 | |
| KIT Consisting of: | | |
| Arcing Contact Assembly | 21A3598G02 | 1491421 |
| Mounting Hardware | | |
| Opening Spring | 30D9774H03 | 1809546 |
| Moving Contact Assembly | 18A9894G06 | |
| Consisting of: | | |
| Insulating Link KIT | 5369C62G01 | |
| KIT Consisting of: | | |
| Insulating Link | 4A48806G02 | |
| Brass Lock-nut | 18A9894H19 | 1768506 |
| Moving Arcing Contact KIT | 5369C63G01 | |
| KIT Consisting of: | | |
| Moving Arcing Contact | 18A9894G01 | 1491412 |
| Hardware | | |
| Contact Arm & Shunt KIT | 5369C64G01 | |

DB-25 BREAKER ASSEMBLY AND PARTS (cont.)

| Description | Part Number | Style Number |
|----------------------------------|--------------------|---------------------|
| KIT Consisting of: | | |
| Contact Arm & Shunt | 18A9894G03 | 1491414 |
| Rod End | 50B1535H01 | 1491407 |
| Pin | 18D8432H20 | 1802682 |
| Frame | 18A9894H01 | 1491406 |
| Retaining Ring (Qty. 2) | | |
| Lower Stud | 14C2994H01 | 1735836 |
| Connector Assembly KIT | 5369C65G01 | |
| KIT Consisting of: | | |
| Connector | 17D1591H01 | 1491435 |
| Hardware | | |
| Bracket Assembly KIT | 5369C66G01 | |
| KIT Consisting of: | | |
| Left Hand Bracket | 783A043H02 | |
| Right Hand Bracket | 783A043H01 | |
| Pin | 13B1130H24 | 1491433 |
| Hardware | | |
| Westector, Model LI | 2D39995G01 | |
| Westector, Model LIG | 2D39995G02 | |
| Westector, Model LS | 2D39995G03 | |
| Westector, Model LSG | 2D39995G04 | |
| Westector, Model LSIG | 2D39995G05 | |
| Westector, Model LSI | 2D39995G06 | |
| Westector Mounting Bracket | 8184A18G01 | |
| Current Sensor 600/400/200/5 Amp | 1789C48G01 | |
| Direct Trip Actuator (DTA) | 1C83225G01 | |

DB-25 CELL PARTS AND ACCESSORIES

| Description | Part Number | Style Number |
|--------------------------------|--------------------|---------------------|
| Molded Contact Base (Assembly) | 25B3581G01 | 1615701 |
| Molded Contact Base | 4A48807G02 | |
| Main Contact | 23B6187H01 | 1615590 |
| Secondary 4 Contact Assembly | 18B1225G10 | 1491915 |
| Levering-In Device/Handle | 301C730G01 | |
| Left Hand Rail Extension | 17B9930G01 | 1574667 |
| Right Hand Rail Extension | 17B9930G02 | 1574668 |
| Left Hand Cell Rail Assembly | 301C976G12 | |
| Consisting of: | | |
| Left Hand Cell Rail | 301C727G01 | |
| Left Hand Cell Latch Assembly | 301C976G02 | |
| Hardware | | |
| Right Hand Cell Rail Assembly | 301C976G13 | |
| Consisting of: | | |
| Right Hand Cell Rail | 301C727G02 | |
| Right Hand Cell Latch Assembly | 301C976G01 | |
| Hardware | | |
| Cell Switch | 302C517G01 | |

DB-50 BREAKER ASSEMBLY AND PARTS

| Description | Part Number | Style Number |
|---|-------------|--------------|
| Complete Electrically Operated Breaker Assembly | 500F949G05 | |
| Complete Manually Operated Breaker Assembly | 500F949G07 | |
| Complete Pole Unit Assembly | 5370C03G01 | |
| Consisting of: | | |
| Pole Unit Assembly | 28A2190G08 | |
| Connector Kit | 5369C54G01 | |
| <i>(Replacement parts listed below)</i> | | |
| Electrically Operated Mechanism | 418D904G01 | |
| Electrically Operated Mechanism with Inertia Latch and Spring Assembly | 5D63684G03 | |
| Operating Mechanism Shoulder Bolt | 894742H04 | 1528853 |
| Operating Mechanism Cover KIT | 5369C56G01 | |
| KIT Consisting of: | | |
| Mechanism Cover | 32A5625H17 | |
| Mounting Hardware | | |
| Operating Mechanism Counter/Cover KIT | 5369C57G01 | |
| KIT Consisting of: | | |
| Mechanism Counter/Cover Assembly | 25B3145G05 | |
| Mounting Hardware | | |
| Operating Mechanism Close Roller Bearing KIT | 5369C46G02 | |
| KIT Consisting of: | | |
| Manual Close Roller (Bearing) | 5369C46H05 | |
| Retaining Washer | 24D3015H01 | 1615587 |
| 3/8" Retaining Ring | | |
| Inertia Latch Assembly (original style) | 13C7972G02 | 1615621 |
| Inertia Latch with Spring KIT | 5D63684G02 | |
| KIT Consisting of: | | |
| Retaining Spring | 5D63684H03 | |
| Inertia Latch Assembly | 5D63684G01 | |
| 3/8" Retaining Ring | | |
| Electric Closing Solenoid Assembly (125 VDC) | 28A2154G25 | 1649868 |
| Consisting of: | | |
| Mechanical Parts | 28A2154G03 | |
| Trip Bracket | 30B7301G02 | 1767100 |
| 125 VDC Coil KIT | 5369C58G01 | |

DB-50 BREAKER ASSEMBLY AND PARTS (cont.)

| Description | Part Number | Style Number |
|---|--------------------|---------------------|
| KIT Consisting of: | | |
| 125 VDC Coil | 300P606G01 | |
| Cork Gasket | 28A2154H13 | |
| Electric Closing Solenoid Assembly (250 VDC) | 28A2154G26 | 1649869 |
| Consisting of: | | |
| Mechanical Parts | 28A2154G03 | |
| Trip Bracket | 30B7301G02 | 1767100 |
| 250 VDC Coil KIT | 5369C58G02 | |
| KIT Consisting of: | | |
| 250 VDC Coil | N/A | 1718483 |
| Cork Gasket | 28A2154H13 | |
| Mechanically Operated Mechanism | 418D623G01 | |
| Order with Manual Closing Spring Assembly (Not supplied with electrically operated breakers) | 418D481G01 | |
| Operating Handle | 302C426G02 | |
| Arc Chute | 23A3608G02 | 1611017 |
| Ground Contact Assembly KIT | 2A10103G01 | |
| Consisting of: | | |
| Ground Contact Finger Assembly | 21B4726G02 | |
| Hardware | | |
| Cross Bar | 5C7052H05 | 1611832 |
| Retaining Ring Assortment | 497A346G03 | |
| Consisting of: | | |
| 3/16" Retaining Ring (Qty. 4) | | |
| 1/4" Retaining Ring (Qty. 12) | | |
| 5/16" Retaining Ring (Qty. 7) | | |
| 3/8" Retaining Ring (Qty. 11) | | |
| 5/8" Retaining Ring (Qty. 2) | | |
| 1" Retaining Ring (Qty. 2) | | |
| Left Hand Roller & Interlock Assembly | 28B7892G01 | 1718423 |
| Right Hand Roller Assembly | 28B7892G02 | 1644528 |
| Breaker Levering In Pin | 847088H15 | 1574809 |
| Face Plate | 301C770H01 | |
| Escutcheon Plate Assembly | 411D979G03 | |
| Main Contact Finger Assembly | 679C711G08 | |

DB-50 BREAKER ASSEMBLY AND PARTS (cont.)

| Description | Part Number | Style Number |
|---|--------------------|---------------------|
| Secondary Contact Assembly, 24 Contacts | 21B4729G02 | 1611433 |
| Consisting of: | | |
| Four Contact Unit Assembly | 18B1225G09 | 1491914 |
| Mounting Bracket | 3D21391H01 | |
| Mounting Hardware | | |
| Secondary Contact Assembly, 12 Contacts | 21B4729G01 | 1611432 |
| Consisting of: | | |
| Four Contact Unit Assembly | 18B1225G09 | 1491914 |
| Mounting Bracket | 204B533H01 | |
| Mounting Hardware | | |
| Secondary Contact New Four Unit Assembly | 5473B88G01 | |
| Control Relay Assembly (125 VDC) (*1*) | 2A10090G01 | |
| Available individual items: | | |
| Cover | 6C7736H02 | 1491301 |
| Blow-Out Coil Assembly | 13C9668G01 | |
| 125 VDC Coil | N/A | 1529444 |
| Arc Chamber | 13C9666H01 | 1581960 |
| Anti-Freeze Washer | 8254C40H01 | |
| Moving Core with Spring Assembly | 23A3609G06 | 1533819 |
| Replacement Contact KIT | 5369C55G01 | |
| KIT Consisting of: | | |
| Left Hand Movable Contact | 23A3609G16 | |
| Left Hand Stationary Contact | 23A3609G17 | |
| Right Hand Movable Contact | 23A3609G03 | 1491294 |
| Right Hand Stationary Contact | 23A3609G04 | 1491295 |
| Elastic Stop Nut (0.164-32) (Qty. 2) | | |
| Contact Spring (Qty. 2) | 17D5806H02 | 1491306 |
| <i>(Do not interchange the movable contacts. The left hand contacts are stamped "D54F" or "CD" and <u>must</u> be used with the arc chamber and blow-out coil.)</i> | | |
| Control Relay Assembly (250 VDC) (*1*) | 2A10090G02 | |
| Available individual items: | | |
| Cover | 6C7736H02 | 1491301 |
| Blow-Out Coil Assembly | 13C9668G01 | |
| 250 VDC Coil | N/A | 1574335 |
| Arc Chamber | 13C9666H01 | 1581960 |
| Anti-Freeze Washer | 8254C40H01 | |
| Moving Core with Spring Assembly | 23A3609G06 | 1533819 |
| Replacement Contact KIT | 5369C55G01 | |

DB-50 BREAKER ASSEMBLY AND PARTS (cont.)

| Description | Part Number | Style Number |
|---|--------------------|---------------------|
| KIT Consisting of: | | |
| Left Hand Movable Contact | 23A3609G16 | |
| Left Hand Stationary Contact | 23A3609G17 | |
| Right Hand Movable Contact | 23A3609G03 | 1491294 |
| Right Hand Stationary Contact | 23A3609G04 | 1491295 |
| Elastic Stop Nut (0.164-32) (Qty. 2) | | |
| Contact Spring (Qty. 2) | 17D5806H02 | 1491306 |
| <i>(Do not interchange the movable contacts. The left hand contacts are stamped "D54F" or "CD" and <u>must</u> be used with the arc chamber and blow-out coil.)</i> | | |
| Auxiliary Switch Assembly, 12 Pole <i>(With linkage, covers and mounting hardware)</i> <i>Order by description and provide complete breaker nameplate information</i> | 20B8346G09 | 1718464 |
| Auxiliary Switch Assembly, 8 Pole <i>(With linkage, covers and mounting hardware)</i> <i>Order by description and provide complete breaker nameplate information</i> | 20B8346G08 | 1718463 |
| Auxiliary Switch Assembly, 4 Pole <i>(With linkage, covers and mounting hardware)</i> <i>Order by description and provide complete breaker nameplate information</i> | 20B8346G07 | 1718462 |
| Top Auxiliary Switch Cover, Front | 302C225H02 | |
| Middle Auxiliary Switch Cover, Front | 302C225H01 | |
| Bottom Auxiliary Switch Cover, Front | 302C225H01 | |
| <i>(For 8 pole Auxiliary Switch, order top and bottom covers)</i> <i>(For 4 pole Auxiliary Switch, order top cover only)</i> | | |
| Auxiliary Switch Cover, Rear | 13D3172H04 | |
| Shunt Trip with 2 Alarm Switches (125 VDC) (*2*) | 2A10096G02 | |
| Consisting of: | | |
| Mechanical Parts | 432D323G02 | |
| 125 VDC Coil | N/A | 1589314 |
| Alarm Switch (*2*) (Qty. 2) | 2A10098H01 | |
| Two (2) Alarm Switch Replacement KIT (*2*) | 2A10089G01 | |
| KIT Consisting of: | | |
| Alarm Switch (*2*) (Qty. 2) | 2A10098H01 | |
| Stop (*2*) | 2A10085H01 | |
| Hardware | | |
| <i>Not for use in Reactor Trip breaker applications</i> | | |

DB-50 BREAKER ASSEMBLY AND PARTS (cont.)

| Description | Part Number | Style Number |
|---|--------------------|---------------------|
| Shunt Trip with 2 Alarm Switches (250 VDC) (*2*) | 2A10096G05 | |
| Consisting of: | | |
| Mechanical Parts | 432D323G02 | |
| 250 VDC Coil | | 1589315 |
| Alarm Switch (*2*) (Qty. 2) | 2A10098H01 | |
| 2 Alarm Switch Replacement KIT (*2*) | 2A10089G01 | |
| KIT Consisting of: | | |
| Alarm Switch (*2*) (Qty. 2) | 2A10098H01 | |
| Stop (*2*) | 2A10085H01 | |
| Hardware | | |
| <i>Not for use in Reactor Trip breaker applications</i> | | |
| Shunt Trip Assembly (125 VDC) | 508B504G01 | |
| Shunt Trip Assembly (250 VDC) | 508B504G01-M250 | |
| <i>The coils are not sold separately for these devices; each assembly must be replaced as a unit.</i> | | |
| Under Voltage Trip Attachment (48 VDC) | 5365C50G02 | |
| <i>The coil is not sold separately for this device; the entire assembly must be replaced as a unit.</i> | | |
| Under Voltage Trip Attachment (125 VDC) | 5365C50G01 | |
| <i>The coil is not sold separately for this device; the entire assembly must be replaced as a unit</i> | | |
| Resistor Capacitor Assembly | 682C095G01 | |
| <i>(For use with DC Shunt Trip with electrical reset only)</i> | | |
| Complete Pole Unit Assembly | 5370C03G01 | |
| Consisting of: | | |
| Pole Unit Assembly | 28A2190G06 | |
| Connector Kit | 5369C54G01 | |
| Pole Base | 4A48805G03 | |
| Stationary Arcing Contact KIT | 5369C47G01 | |
| KIT Consisting of: | | |
| Arcing Contact | 22B1721G01 | 1584473 |
| Arcing Contact Hinge | 22B1721H06 | 1611749 |
| Shunt | 22B1991G02 | 1611751 |
| Spring Seat | 22B1991H06 | 1611754 |
| Spring | 18D6383H11 | 1584471 |
| Pin | 18D8431H71 | 1589618 |
| 1/4" Retaining Ring (Qty. 2) | | |
| Hardware | | |

DB-50 BREAKER ASSEMBLY AND PARTS (cont.)

| Description | Part Number | Style Number |
|------------------------------------|--------------------|---------------------|
| Hinge | 28A1391H05 | 1611766 |
| Main Moving Contact | 200B570G01 | |
| Auxiliary Contact | 28A1391H25 | |
| Moving Contact Arm KIT | 5369C48G01 | |
| KIT Consisting of: | | |
| Contact Arm | 28A9341H01 | 1611756 |
| Pin | 18D8433H68 | 1589619 |
| Rod End | 50B1535H03 | 1589316 |
| Pin | 50B1535H08 | 1611769 |
| 3/8" Retaining Ring (Qty. 2) | | |
| Hardware | | |
| Shunt KIT | 5369C49G01 | |
| KIT Consisting of: | | |
| Shunt (Qty. 2) | 22B1991G01 | 1611750 |
| Shunt Clip (Qty. 4) | 22B1991H03 | 1611752 |
| Hardware | | |
| Main Contact Spring KIT | 5369C50G01 | |
| KIT Consisting of: | | |
| Spring (Qty. 2) | 18D6383H10 | 1584470 |
| Spring Seat (Qty. 2) | 22B1991H05 | 1611753 |
| Auxiliary Contact Spring | 18D6383H09 | 1584469 |
| Opening Spring | 18D6383H08 | 1584468 |
| Insulating Link KIT | 5369C51G01 | |
| KIT Consisting of: | | |
| Insulating Link | 4A48806G03 | |
| Nut | 122758H23 | 1528817 |
| Moving Arcing Contact Assembly KIT | 5369C52G01 | |
| KIT Consisting of: | | |
| Contact Assembly | 309C855G01 | |
| Barrier | 9C3353H01 | 1611759 |
| Locking Plate | 14D1043H13 | 1528820 |
| Cement | | |
| Hardware | | |

DB-50 BREAKER ASSEMBLY AND PARTS (cont.)

| Description | Part Number | Style Number |
|-------------------------------------|--------------------|---------------------|
| Upper Stud Assembly KIT | 5369C53G01 | |
| KIT Consisting of: | | |
| Upper Stud & Contact Assembly | 28A1391G01 | |
| Barrier | 9C3353H02 | 1611760 |
| Cement | | |
| Hardware | | |
| Lower Stud | 28A1391H06 | |
| Connector Assembly KIT | 5369C54G01 | |
| KIT Consisting of: | | |
| Connector (Qty. 2) | 809A436H01 | |
| Hardware | | |
| Westector, Model LI | 2D39995G01 | |
| Westector, Model LIG | 2D39995G02 | |
| Westector, Model LS | 2D39995G03 | |
| Westector, Model LSG | 2D39995G04 | |
| Westector, Model LSIG | 2D39995G05 | |
| Westector, Model LSI | 2D39995G06 | |
| Westector Mounting Bracket | 8181A64G01 | |
| Current Sensor 200/5 Amp | 1789C48G05 | |
| Current Sensor 800/600/400/5 Amp | 1789C48G08 | |
| Current Sensor 1600/1200/1000/5 Amp | 1789C48G11 | |
| Direct Trip Actuator (DTA) | 1C83225G02 | |

DB-50 CELL PARTS AND ACCESSORIES

| Description | Part Number | Style Number |
|---|--------------------|---------------------|
| Molded Contact Base | 4A48807G03 | |
| Main Contact | 21B4309H01 | 1611882 |
| Secondary 4 Contact Assembly | 18B1225G10 | 1491915 |
| Levering-In Device/Handle | 21B4302G01 | 1615470 |
| Left Hand 3-Position Rail Extension | 301C797G01 | |
| Right Hand 3-Position Rail Extension | 301C797G02 | |
| Left Hand Internal Cell Rail | 301C796G01 | |
| Right Hand Internal Cell Rail with Latch Assembly | 5369C77G01 | |
| Consisting of: | | |
| Right Hand Internal Cell Rail | 301C796G02 | |
| Breaker Release Latch | 301C152G01 | |
| Cell Switch | 302C517G01 | |
| Cell Checking Device | 10051D17G01 | |

DB-75 BREAKER ASSEMBLY AND PARTS

| Description | Part Number | Style Number |
|--|-------------|--------------|
| Complete Electrically Operated Breaker Assembly | 410D349G01 | |
| Complete Pole Unit Assembly <i>(Replacement parts listed below)</i> | 406D445G01 | |
| Electrically Operated Mechanism | 410D348G02 | |
| Operating Mechanism Shoulder Bolt | 894742H04 | 1528853 |
| Operating Mechanism Cover KIT | 5369C68G01 | |
| KIT Consisting of: | | |
| Mechanism Cover | 410D347H07 | |
| Mounting Hardware | | |
| Inertia Latch | 200B744H01 | |
| Electric Closing Solenoid Assembly (125 VDC) | 44A1461G23 | |
| Consisting of: | | |
| Mechanical Parts | 44A1461G01 | |
| Relay Toggle Assembly (See-Saw) | 52B8699G01 | 1802972 |
| 125 VDC Coil KIT | 5369C70G01 | |
| KIT Consisting of: | | |
| 125 VDC Coil | N/A | 1809520 |
| Cork Washer | 52B8853H11 | |
| Electric Closing Solenoid Assembly (250 VDC) | 44A1461G24 | |
| Consisting of: | | |
| Mechanical Parts | 44A1461G01 | |
| Relay Toggle Assembly (See-Saw) | 52B8699G01 | 1802972 |
| 250 VDC Coil KIT | 5369C70G02 | |
| KIT Consisting of: | | |
| 250 VDC Coil | 300P286G01 | |
| Cork Washer | 52B8853H11 | |
| Operating Handle | 127A158H01 | |
| Arc Chute KIT | 5369C67G01 | |
| KIT Consisting of: | | |
| Arc Chute | 405D389G04 | |
| Hardware | | |
| Ground Contact Assembly KIT | 2A10103G02 | |
| Consisting of: | | |
| Ground Contact Finger Assembly | 21B4726G03 | |
| Hardware | | |
| Cross Bar | 47A1620H01 | 1799917 |

DB-75 BREAKER ASSEMBLY AND PARTS (cont.)

| Description | Part Number | Style Number |
|--|--------------------|---------------------|
| Retaining Ring Assortment Consisting of: | 497A346G04 | |
| 5/32" Retaining Ring (Qty. 10) | | |
| 3/16" Retaining Ring (Qty. 5) | | |
| 1/4" Retaining Ring (Qty. 7) | | |
| 5/16" Retaining Ring (Qty. 11) | | |
| 3/8" Retaining Ring (Qty. 9) | | |
| 7/16" Retaining Ring (Qty. 1) | | |
| 1/2" Retaining Ring (Qty. 7) | | |
| 5/8" Retaining Ring (Qty. 8) | | |
| Rear Wheel Assembly KIT | 5369C69G01 | |
| KIT Consisting of: | | |
| Wheel | 33B2695G04 | 1799972 |
| Pin | 18D8436H60 | 1767048 |
| Bracket | 32B7795H01 | 1799882 |
| 3/4" Retaining Ring (Qty. 2) | | |
| Hardware | | |
| Front Wheel & Bracket Assembly | 302C726G01 | |
| Face Plate | 303C128H04 | |
| Escutcheon Plate Assembly | 303C131G02 | |
| Interlock Lever Assembly | 47A1623G02 | |
| Main Contact Finger Assembly | 679C711G08 | |
| Secondary Contact Assembly, 16 Contacts | 30B7305G02 | 1799894 |
| Consisting of: | | |
| Four Contact Unit Assembly | 18B1225G09 | 1491914 |
| Bracket | 30B7305H01 | 1808286 |
| Cover | 30B7305H03 | 1808287 |
| Mounting Hardware | | |
| Secondary Contact Assembly, 8 Contacts | 30B7305G03 | |
| Consisting of: | | |
| Four Contact Unit Assembly | 18B1225G09 | 1491914 |
| Bracket | 30B7305H01 | 1808286 |
| Cover | 30B7305H03 | 1808287 |
| Mounting Hardware | | |
| Secondary Contact New Four Unit Assembly | 5473B88G01 | |

DB-75 BREAKER ASSEMBLY AND PARTS (cont.)

| Description | Part Number | Style Number |
|--|--------------------|---------------------|
| Control Relay Assembly (125 VDC) (*1*) | 2A10090G01 | |
| Available individual items: | | |
| Cover | 6C7736H02 | 1491301 |
| Blow-Out Coil Assembly | 13C9668G01 | |
| 125 VDC Coil | N/A | 1529444 |
| Arc Chamber | 13C9666H01 | 1581960 |
| Anti-Freeze Washer | 8254C40H01 | |
| Moving Core with Spring Assembly | 23A3609G06 | 1533819 |
| Replacement Contact KIT | 5369C55G01 | |

KIT Consisting of:

| | | |
|-------------------------------------|------------|---------|
| Left Hand Movable Contact | 23A3609G16 | |
| Left Hand Stationary Contact | 23A3609G17 | |
| Right Hand Movable Contact | 23A3609G03 | 1491294 |
| Right Hand Stationary Contact | 23A3609G04 | 1491295 |
| Elastic Stop Nut (0.164-32)(Qty. 2) | | |
| Contact Spring (Qty. 2) | 17D5806H02 | 1491306 |

(Do not interchange the movable contacts. The left hand contacts are stamped “D54F” or “CD” and must be used with the arc chamber and blow-out coil.)

| | | |
|--|------------|---------|
| Control Relay Assembly (250 VDC) (*1*) | 2A10090G02 | |
| Available individual items: | | |
| Cover | 6C7736H02 | 1491301 |
| Blow-Out Coil Assembly | 13C9668G01 | |
| 250 VDC Coil | N/A | 1574335 |
| Arc Chamber | 13C9666H01 | 1581960 |
| Anti-Freeze Washer | 8254C40H01 | |
| Moving Core with Spring Assembly | 23A3609G06 | 1533819 |
| Replacement Contact KIT | 5369C55G01 | |

KIT Consisting of:

| | | |
|-------------------------------------|------------|---------|
| Left Hand Movable Contact | 23A3609G16 | |
| Left Hand Stationary Contact | 23A3609G17 | |
| Right Hand Movable Contact | 23A3609G03 | 1491294 |
| Right Hand Stationary Contact | 23A3609G04 | 1491295 |
| Elastic Stop Nut (0.164-32)(Qty. 2) | | |
| Contact Spring (Qty. 2) | 17D5806H02 | 1491306 |

(Do not interchange the movable contacts. The left hand contacts are stamped “D54F” or “CD” and must be used with the arc chamber and blow-out coil.)

DB-75 BREAKER ASSEMBLY AND PARTS (cont.)

| Description | Part Number | Style Number |
|--|--------------------|---------------------|
| Auxiliary Switch Assembly, 8 Pole <i>(With linkage, covers and mounting hardware)</i> <i>Order by description and provide complete breaker nameplate information</i> | 20B8346G08 | 1718463 |
| Auxiliary Switch Assembly, 4 Pole <i>(With linkage, covers and mounting hardware)</i> <i>Order by description and provide complete breaker nameplate information</i> | 20B8346G07 | 1718462 |
| Top Auxiliary Switch Cover, Front | 302C225H02 | |
| Bottom Auxiliary Switch Cover, Front <i>(For 4 pole Auxiliary Switch, order top cover only)</i> | 302C225H01 | |
| Auxiliary Switch Cover, Rear | 13D3172H04 | |
| Shunt Trip with Alarm Switch (125 VDC) Consisting of: | 432D324G25 | |
| Mechanical Parts | 432D324G02 | |
| 125 VDC Coil | N/A | 1589314 |
| 2nd Alarm Switch & Mounting Hardware | 432D324G03 | |
| Shunt Trip with Alarm Switch (250 VDC) Consisting of: | 432D324G26 | |
| Mechanical Parts | 432D324G02 | |
| 250 VDC Coil | N/A | 1589315 |
| 2nd Alarm Switch & Mounting Hardware | 432D324G03 | |
| Shunt Trip Attachment (125 VDC) Consisting of: | 309C851G13 | |
| Mechanical Parts | 309C851G01 | |
| 125 VDC Coil | N/A | 1491403 |
| Shunt Trip Attachment (250 VDC) Consisting of: | 309C851G14 | |
| Mechanical Parts | 309C851G01 | |
| 250 VDC Coil | N/A | 1491404 |
| Resistor Capacitor Assembly <i>(For use with DC Shunt Trip with electrical reset only)</i> | 682C095G01 | |
| Complete Pole Unit Assembly | 406D445G01 | |
| Pole Base | 4A48805G04 | |
| Upper Stud Assembly Consisting of: | 406D445G02 | |
| Upper Stud | 44A9411G05 | |
| Stationary Arcing Contact KIT | 5369C71G01 | |

DB-75 BREAKER ASSEMBLY AND PARTS (cont.)

| Description | Part Number | Style Number |
|--------------------------------------|--------------------|---------------------|
| KIT Consisting of: | | |
| Stationary Arcing Contact | 302C063G01 | |
| Micarta Washer (Qty. 2) | 120A986H05 | |
| Insulated Spacer | 201B183H02 | |
| Insulating Tube (Qty. 2) | 406D445H50 | |
| Hardware | | |
| Stationary Main Contact KIT | 5369C72G01 | |
| KIT Consisting of: | | |
| Upper Stud | 44A9411G05 | |
| Upper Contact Finger (Qty. 4) | 44A9411G04 | 1809167 |
| Lower Contact Finger (Qty. 4) | 44A9411G02 | 1799915 |
| Pin (Qty. 4) | 29B8804H10 | |
| Pin (Qty. 4) | 29B8804H09 | |
| Spring Seat (Qty. 4) | 29B8804H07 | |
| Spring (Qty. 4) | 26D4911H12 | 1802345 |
| Spring Support | 33B2453H03 | 1802350 |
| Hardware | | |
| Lower Stud & Moving Contact Assembly | 406D445G03 | |
| Consisting of: | | |
| Lower Stud | 44A9411H05 | 1799911 |
| Hinge Contact KIT | 5369C73G01 | |
| KIT Consisting of: | | |
| Contact Finger (Qty. 8) | 44A9411H06 | 1799912 |
| Locking Plate | 4D5651H19 | 1216776 |
| Hinge | 29B8801H01 | 1802946 |
| Spacer (Qty. 4) | 20B8347H26 | 1802947 |
| Spring (Qty. 4) | 26D4911H03 | 1802356 |
| Hardware | | |
| Moving Arcing Contact KIT | 5369C74G01 | |
| KIT Consisting of: | | |
| Moving Arc Contact | 302C062G01 | |
| Locking Plate (Qty. 2) | 329P202H01 | 860098H27 |
| Hardware | | |
| Moving Contact Arm KIT | 5369C75G01 | |
| KIT Consisting of: | | |
| Moving Contact Arm | 406D443G01 | |
| Pin | 18D8433H61 | 1589621 |
| 3/8" Retaining Ring (Qty. 2) | | |

DB-75 BREAKER ASSEMBLY AND PARTS (cont.)

| Description | Part Number | Style Number |
|---|--------------------|---------------------|
| Insulating Link KIT | 5369C76G01 | |
| KIT Consisting of: | | |
| Insulating Link Assembly w/Nuts and Rod End | 21C5415G03 | |
| Insulating Link | 4A48806G04 | |
| Pin | 18D8433H75 | 1799232 |
| Locking Plate (Qty. 2) | 33B2453H05 | 1802352 |
| 3/8" Retaining Ring (Qty. 2) | | |
| Opening Spring | 26D4911H02 | 1802343 |
| Spring Seat | 21C5409H01 | 1802357 |
| Westector, Model LI | 2D39995G01 | |
| Westector, Model LIG | 2D39995G02 | |
| Westector, Model LS | 2D39995G03 | |
| Westector, Model LSG | 2D39995G04 | |
| Westector, Model LSIG | 2D39995G05 | |
| Westector, Model LSI | 2D39995G06 | |
| Westector Mounting Bracket | 8181A64G01 | |
| Current Sensor 3000/2500/2000/5 Amp | 1789C48G13 | |
| Sensor Retaining Adapter | 2817C67G02 | |
| Sensor Retaining Bracket | 8257A22H01 | |
| Direct Trip Actuator (DTA) | 1C83225G03 | |

DB-75 CELL PARTS AND ACCESSORIES

| Description | Part Number | Style Number |
|------------------------------|--------------------|---------------------|
| Main Contact Assembly | 30B9393G01 | 1810287 |
| Consisting of: | | |
| Main Contact (Qty. 2) | 30B9393H01 | 1810289 |
| Bracket | 30B9393H03 | 1810291 |
| Contact Base | 4A48807G04 | |
| Secondary 4 Contact Assembly | 18B1225G10 | 1491915 |
| Levering-In Crank | 303C008G02 | |
| Cell Switch | 302C517G04 | |

NOTES (*1 *) AND (*2*)

(*1*) Section 3-13 of the MPM-DB Breaker Manual, dated March 2002, defines that for breakers that are required to close during a seismic event, the control relay moving core should be changed to include a moving core with retaining spring. All DB breakers and control relays that are supplied include this upgrade. An antifreeze washer has been added to the control relays that are supplied today. The control relay moving core with spring and the anti-freeze washer can also be purchased as items to be installed in existing breakers on site.

Control Relay Moving Core with Spring P/N 23A3609G06
Control Relay Anti-Freeze Washer P/N 8254C40H01

With the changes that have occurred to the control relays over the past several years, the part number has also changed. When the anti-freeze washer was originally introduced, the part number remained the same with the letters A/F added to the frame of the relay. When the moving core with spring was introduced in the control relay, they were also marked on the frame with the letter M. The relays that are sold today have been documented on a new drawing and have a new part number. A summary of part numbers is provided below:

| | |
|---|----------------------|
| Original Control Relay Part Number (125 VDC) | P/N 33A2746G32 |
| Control Relay with Anti-Freeze Washer (125 VDC) | P/N 33A2746G32 A/F |
| Control Relay with Anti-Freeze Washer and Moving Core w/Spring (125 VDC) | P/N 33A2746G32 A/F M |
| New Part Number – Control Relay with Anti-Freeze Washer and Moving Core with Spring (125 VDC) | P/N 2A10090G01 |

(*2*) The Shunt Trip Attachment (STA) with Bell and Alarm Switch has also changed due to the availability of the original alarm switch. The original switch (P/N 1625900) has been substituted with a new switch on the DB-50 Shunt Trip Attachment with bell alarm switches only. The fit, form and function of these switches have changed as outlined here.

| | |
|----------|--|
| Fit | With some new hardware and modifications to the STA framework, the switches fit in the same location. |
| Form | The external wiring/terminals of the new switch are on the back of the switch versus the external wiring/terminals of the original switch on the side of the switch case. The switch contact arrangement has also changed. Each new switch includes a Normally Open (NO) and Normally Closed (NC) contact that have one common terminal. The original switch included a NO and a NC contact that did not have a common terminal between the two contacts. The application of this switch will need to be reviewed by the utility to determine if this is acceptable. |
| Function | The function of the switch has not changed, if the application of this switch is acceptable. All of these items are available to be installed in existing breakers on site. |

Shunt Trip with 2 Alarm Switches (125 VDC)
Two (2) Alarm Switch Replacement KIT

P/N 2A10096G02
P/N 2A10089G01