

SERVICES

Outdoor dead-tank breakers spare parts list

R-MAG®, Type R, and Type V

R-MAG® 15 kV; up to 1200 A; up to 25 kA; 110 kV BIL

Order Style #	Order Style #
1B09551G01	ED 2.0 control assembly, LV (24-77VDC) (includes control board, two electrolytic capacitors, pushbutton switch and connectors) ¹
1B09551G02	ED 2.0 control assembly, HV (77-180VDC) (includes control board, two electrolytic capacitors, pushbutton switch and connectors) ¹
1C11166G01	Interrupter assembly (1200 A)
316D804G11	Standoff insulator
1VAF203753A0001	Bushing kit (1200A) ²
Contact ABB	A2+ actuator

Note 1 - ED2.0 control assembly with extreme temperature version is also available.
 Note 2 - Includes (1) bushing, gasket, and sealant

R-MAG 15 kV; 2000 A; up to 25 kA; 110 kV BIL

Order Style #	Order Style #
1B09551G01	ED 2.0 control assembly, LV (24-77VDC) (includes control board, two electrolytic capacitors, pushbutton switch and connectors) ¹
1B09551G02	ED 2.0 control assembly, HV (77-180VDC) (includes control board, two electrolytic capacitors, pushbutton switch and connectors) ¹
1C13016G02	Interrupter assembly (2000 A)
316D804G11	Standoff insulator
1VAF203751A0001	Bushing kit (2000A) ²
Contact ABB	A2+ actuator

Note 1 - ED2.0 control assembly with extreme temperature version is also available.
 Note 2 - Includes (1) bushing, gasket, and sealant

R-MAG 15 kV; 3000 A; up to 25 kA; 110 kV BIL

Order Style #	Order Style #
1B09551G01	ED 2.0 control assembly, LV (24-77VDC) (includes control board, two electrolytic capacitors, pushbutton switch and connectors) ¹
1B09551G02	ED 2.0 control assembly, HV (77-180VDC) (includes control board, two electrolytic capacitors, pushbutton switch and connectors) ¹
1C13113G01	Interrupter assembly (3000 A) OA/3700 FA
316D804G11	Standoff insulator
1VAF203750A0001	Bushing kit (3000A) ²
Contact ABB	A2+ actuator

Note 1 - ED2.0 control assembly with extreme temperature version is also available.
 Note 2 - Includes (1) bushing, gasket, and sealant

R-MAG 27 kV; 1200 A; up to 25 kA; 125 kV BIL

Order Style #	Order Style #
1B09551G07	ED 2.0 control assembly, LV (24-77VDC) (includes control board, three electrolytic capacitors, pushbutton switch and connectors) ¹
1B09551G08	ED 2.0 control assembly, HV (77-180VDC) (includes control board, three electrolytic capacitors, pushbutton switch and connectors) ¹
1C13012G02	Interrupter assembly (1200 A) ²
5634B44H02	Standoff insulator
1VAF203752A0001	Bushing kit (1200A) ³
Contact ABB	A3+ actuator

Note 1 - ED2.0 control assembly with extreme temperature version is also available.
 Note 2 - These styles apply to units made 2007-10-01 to date. Please contact factory for breakers made prior to this date.
 Note 3 - Includes (1) bushing, gasket, and sealant

R-MAG 27 kV; 1200 A; up to 25 kA; 150 kV BIL

Order Style #	Order Style #
1B09551G07	ED 2.0 control assembly, LV (24-77VDC) (includes control board, three electrolytic capacitors, pushbutton switch and connectors) ¹
1B09551G08	ED 2.0 control assembly, HV (77-180VDC) (includes control board, three electrolytic capacitors, pushbutton switch and connectors) ¹
1C13012G02	Interrupter assembly (1200 A) ²
5634B44H02	Standoff insulator
1VAF203752A0001	Bushing kit (1200A) ³
Contact ABB	A3+ actuator

Note 1 - ED2.0 control assembly with extreme temperature version is also available.

Note 2 - These styles apply to units made 2007-10-01 to date. Please contact factory for breakers made prior to this date.

Note 3 - Includes (1) bushing, gasket, and sealant

R-MAG 27 kV; 2000 A; up to 25 kA; 150 kV BIL

Order Style #	Order Style #
1B09551G07	ED 2.0 control assembly, LV (24-77VDC) (includes control board, three electrolytic capacitors, pushbutton switch and connectors) ¹
1B09551G08	ED 2.0 control assembly, HV (77-180VDC) (includes control board, three electrolytic capacitors, pushbutton switch and connectors) ¹
1C13012G01	Interrupter assembly (2000 A) ²
5634B44H02	Standoff insulator
1VAF203751A0001	Bushing kit (2000A) ³
Contact ABB	A3+ actuator

Note 1 - ED2.0 control assembly with extreme temperature version is also available.

Note 2 - These styles apply to units made 2007-10-01 to date. Please contact factory for breakers made prior to this date.

Note 2 - Includes (1) bushing, gasket, and sealant

R-MAG 38 kV, 1200 A; up to 40kA; 200kV BIL

Order Style #	Order Style #
2RGA015874A0001	ED 2.0 control assembly, LV (24-77VDC) (include control board, four electrolytic capacitor, pushbutton and connector) ¹
2RGA015874A0002	ED 2.0 control assembly, HV (77-180VDC) (include control board, four electrolytic capacitor, pushbutton and connector) ¹
Contact ABB	Pole connection - A phase (1200A)
Contact ABB	Pole connection - B phase (1200A)
Contact ABB	Pole connection - C phase (1200A)
Contact ABB	25 kA interrupter assembly (1200A)
Contact ABB	31.5 kA interrupter assembly (1200A)
Contact ABB	40 kA interrupter assembly (1200A)
1VAF203748A0001	Bushing kit (1200A) ²
Contact ABB	A5+ actuator

Note 1 - ED2.0 control assembly with extreme temperature version is also available.

Note 2 - Includes (1) bushing, gasket, and sealant

R-MAG 38 kV, 2000 A; up to 40kA; 200kV BIL

Order Style #	Order Style #
2RGA015874A0001	ED 2.0 control assembly, LV (24-77VDC) (include control board, four electrolytic capacitor, pushbutton and connector) ¹
2RGA015874A0002	ED 2.0 control assembly, HV (77-180VDC) (include control board, four electrolytic capacitor, pushbutton and connector) ¹
Contact ABB	Pole connection - A phase (2000A)
Contact ABB	Pole connection - B phase (2000A)
Contact ABB	Pole connection - C phase (2000A)
Contact ABB	25 kA interrupter assembly (2000A)
Contact ABB	31.5 kA interrupter assembly (2000A)
Contact ABB	40 kA interrupter assembly (2000A)
1VAF203749A0001	Bushing kit (2000A) ²
Contact ABB	A5+ actuator

Note 1 - ED2.0 control assembly with extreme temperature version is also available.

Note 2 - Includes (1) bushing, gasket, and sealant

—
Common parts to all R-MAG breakers

Order Style #	Order Style #
12A01272G04	Electrolytic capacitor (Qty 1)
1C09396H04	16 deck auxiliary switch
1C09396H05	20 deck auxiliary switch
628A547H02	Operation counter mechanism
751017/804	Pushbutton switch
2RGA014458P0001	ED2.0 board, LV
2RGA014458P0002	ED2.0 board, HV

—
Type R 15/27 kV, 600/800/1200/2000/3000 A

Order Style #	Order Style #
L915165G01	Capacitor trip coil (52 ohm)
L915166G01	48/125 VDC trip and 125 VDC or 240 VAC close coil (8 ohm)
L915167G01	24/48 VDC Trip or 48 VDC or 120 VAC close coil (3 ohm)
L992147G01	125 VDC trip or close coil (12 ohm)
316D804G23	120 VAC or 125 VDC spring charging motor
316D804G55	240 VAC or 240 VDC spring charging motor
316D804G85	48 VDC spring charging motor
4990C92G05	Basic "short" mechanism, no coils or motor
804B158G02	Capacitor trip device
316D804G39	Latch check switch
450D818G01	Motor cutoff switch

—
Type V 38 kV, 1200/2000 A, 25 -40 kA and 15/27 kV,1200/2000 A, 40 kA

Order Style #	Order Style #
7465C57G01	48 VDC close coil assembly
7465C57G02	125 VDC close coil assembly
7465C57G03	250 VDC close coil assembly
7465C57G04	120 VAC close coil assembly
7465C57G05	240 VAC close coil assembly
7465C58G01	48 VDC trip coil assembly
7465C58G02	125 VDC trip coil assembly
7465C58G03	Capacitor trip or 250 VDC trip coil assembly
130038G02	115 VAC / 125 VDC spring charging motor
130038G03	240 VAC / 250 VDC spring charging motor
130038G01	48 VDC spring charging motor
316D804G39	Latch check switch
450D818G01	Motor cutoff switch
804B158G02	Capacitor trip device
316D804G80	Bushing assembly; 38 kV, 1200 A, 150 kV BIL, 25 kA interrupting current
1C09824G03	Bushing assembly; 38 kV, 1200 A, 200 kV BIL, 40 kA interrupting current

ABB Inc.
Electrification Distribution Solutions Service
2300 Mechanicsville Road
Florence, SC 29501

abb.com/mediumvoltage

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB AG does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB AG. Copyright © 2021 ABB
All rights reserved