

Factory Authorized Systems Pow-R Breaker Replacement, Service, Reconditioning, Technology Upgrades, and Renewal Parts



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Since its introduction to the market in 1976, the Systems-Pow-R (SPB) breaker has provided long and reliable service.

New Products

SPB Breakers offers improved availability for new Systems Pow-R Breakers (SPB), trip unit upgrades, and renewal and replacement parts factory direct from Eaton Corporation.

SPB Breakers can provide shorter lead times because we stock many of the high-demand components and replacement parts required for supporting the installed base of SPB Breakers.

All SPB Breakers and components are backed by the Eaton factory warranty.

We offer 3 and 4 pole breakers:

- 400/800/1200A
- 1600/2000A
- 2500/3000A
- 4000/5000A

Interrupting Ratings

- 50 kA, 65 kA
- 100 kA (standard)
- 150 kA

Reconditioning

Reconditioning of installed circuit breakers can provide a cost-effective way to maintain reliable equipment. We offer reconditioning of existing SPB breakers and reconditioning with core exchange. All reconditioned breakers are thoroughly tested and include a 1-year warranty.

Technology Upgrades

SPB breakers include trip unit upgrades. The latest technology permits significant improvements to be realized in improved coordination and protection, remote metering and monitoring, network communications, and energy management information.

Trip Units Upgrades

- Digitrip RMS 510
- Digitrip RMS 610
- Digitrip RMS 810
- Digitrip RMS 910
- OPTIM 750
- OPTIM 1050

Renewal & Replacement

Mechanism and Related Parts

- Charging handle
- Cover assembly
- Trip unit cover plate assembly

Electrical Attachments

- Shunt trip assembly
- CT ground fault
- Undervoltage release
- Remote time delay
- Auxiliary switch
- Capacitor trip device
- Secondary connectors
- Plate assembly
- T-connectors
- Pressure terminals

Spring Release Solenoid Electrical Operator Breaker Accessories

- Key interlock
- Cover accessories
- Deadfront shield
- Door escutcheon

Product History Timeline

Product	1970	1975	1980	1985	1990	1995	2000	Present	
Westinghouse SPB		[Blue bar spanning from 1975 to 1995]							
Cutler-Hammer SPB						[Blue bar spanning from 1995 to Present]			





How to identify by Shop Order

Systems Pow-R Breakers can be identified using two unique numbers. One is the S.O. (Shop Order number). The shop order number is located either on the breaker's nameplate or on the left side of the breaker.

An example of this number is:
S.O. 81E3371.

SYSTEMS POW-R-BREAKER		
Shop Order 81E3371		
Key Dwg. 1371 D01		
Connection Diagram		
<input type="checkbox"/> 1366 D 30	<input type="checkbox"/> 1368 D 34	<input checked="" type="checkbox"/> I.S. 15262
BREAKER EQUIPPED WITH		
	KEY CODE	PAGES 0 TO 5 PLUS
<input checked="" type="checkbox"/> ELEC. OPER.	H1	6A-7A
<input checked="" type="checkbox"/> SHUNT TRIP	J11	15
<input type="checkbox"/> SPRING RELEASE		
<input type="checkbox"/> UVR		18
<input checked="" type="checkbox"/> AUX. SWITCH	L2	
<input type="checkbox"/> G.F. PROTECTION		
235P339H01		

Shop Order Example

Tens of thousands of SPBs have been manufactured and placed into service throughout the world in switchboards, automatic-transfer switches, and other specialty OEM manufactured products.

How to identify by Edge Number

The edge number is a 30-digit feature and option number are considered to be the feature or style number. The next 20 characters are the option or edge number. This number is also located on the breaker's nameplate or on the left side of the breaker.

An example of this number is:
Feature and option
0702C32G0120245300000000000004

RATING PLUGS-CONTINUOUS AMPERE RATINGS
FOR DIGITRIP RMS 210, 510, 610, 810, 910
OPTIM 750 AND 1050 USE RP6500A***

0400, 0600, 0630, 0800 *INSERT FIRST THREE
DIGITS OF AMPS TO
COMPLETE

8702C32G0120245300000000000004
SPBR38R B 75E6415.01 07 SEP 05

Edge Number Example

Warranty

Seller warrants that the products manufactured by it will conform to seller's applicable specifications and be free from failure due to defects in workmanship and material for one (1) year from the date of installation of the product or eighteen (18) months from the date of shipment of the product, whichever occurs first. In the event any product fails to comply with the foregoing warranty seller will, at its option, either (a) repair or replace the defective product, or defective part or component thereof, F.O.B. seller's facility freight prepaid, or (b) credit buyer for the purchase price of the product. All warranty claims shall be made in writing.

About Voyten Electric

SPB Breakers is supported by Voyten Electric and Electronics, Inc., a third-generation, family-owned business with over 60 years of electrical industry experience. The Voyten staff includes knowledgeable technicians and salespeople who are focused on providing the highest level of customer service and delivering the right solution for the customer and their applications. Voyten offers a large inventory, fast shipping, competitive pricing, and a diverse inventory. They are also available for emergency services 24/7.