

PRODUCT BROCHURE

Blackburn® Storm-Safe® service entrance breakaway disconnect system

Blackburn®



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Less time, less hassle, less expense. More uptime, more safety, more satisfaction.



It's 3 a.m. when the storm hits. A falling tree branch rips down the power line entering a customer's home. The power's out and a live wire is throwing sparks in the homeowner's yard, creating a safety hazard for the family, as well as your crew, who has to go out and clean up the mess. The homeowner — not exactly a satisfied customer at the moment — becomes even less satisfied when you tell him he'll have to hire an electrician to repair the service entrance connections in his home.

Now imagine the same storm, except this time you have the Blackburn Storm-Safe service entrance breakaway disconnect system from ABB. The falling tree branch still rips down the power line, but this time at the Storm-Safe breakaway link at the pole instead of at the weatherhead. The line comes down safely de-energized, and there's no damage to either your equipment or the customer's.

Your crew still needs to come out to restore service, but it's as quick and easy as replacing the breakaway link and plugging back into the Storm-Safe connections.

Less time, less hassle, less expense. More uptime, more safety, more customer satisfaction. That's what you get with the Storm-Safe service entrance breakaway disconnect system.

- Lines come down de-energized, avoiding safety hazards for the public and utility crews
- Lines come down at the pole, preventing damage to customer premises and utility equipment
- Quick service restoration with no soldering or splicing — simply replace the Storm-Safe disconnect's breakaway link and plug it in

Features

- Internal O-ring prevents moisture ingress into the contact
- External Flood-Seal® insulating rockets seal the entire system from the elements
- Dual rated for use with aluminum and copper conductors
- Meets ANSI C119.4-2004 specifications

Multi-service breakaway service entrance kits

	Cat. no.	Description	Contact block	Assembly	Insulating rockets	½"-13 bolts
SS 3 K	SS 2 K	Two-service base kit	1	(1) U-bolt	(2) Flood-Seal	3
	SS 3 K	Three-service base kit	1	(1) U-bolt	(2) Flood-Seal	3



Note: SS 2 K requires two SSP pin kits (below). SS 3 K requires three SSP pin kits (below).

Pin kits

	Cat. no.	Triple block	Neutral assembly	Breakaway force (lbs.)
SSP 1/0 FN 500 K	SSP 1/0 FN 500 K	1/0, 1/0, 1/0 ACSR	Full neutral	500
	SSP 1/0 FN 750 K			750
	SSP 1/0 RN 500 K	1/0, 1/0, #2	Reduced neutral	500
	SSP 1/0 RN 750 K			750
	SSP 2 FN 500 K	#2, #2, #2	Full neutral	500
	SSP 2 FN 750 K			750
	SSP 2 RN 500 K	#2, #2, #4	Reduced neutral	500
	SSP 2 RN 750 K			750
	SSP 4 FN 500 K	#4, #4, #4	Full neutral	500
	SSP 4 FN 750 K			750
	SSP 4 RN 500 K	#4, #4, #6	Reduced neutral	500
	SSP 4 RN 750 K			750



Note: Kit consists of two pin terminals, one neutral pin terminal, one SSL link kit (breakaway link and bail) and two Flood-Seal insulating rockets. Three pin kits are required for a three-service base kit, and two pins are required for a two-service base kit.

Single-service breakaway service entrance kits

	Cat. no.	Triple block	Neutral assembly	Breakaway force (lbs.)
SS1 4 FN 750 K	SS1 1/0 FN 500 K	1/0, 1/0, 1/0 ACSR	Full neutral	500
	SS1 1/0 FN 750 K			750
	SS1 1/0 RN 500 K	1/0, 1/0, #2	Reduced neutral	500
	SS1 1/0 RN 750 K			750
	SS1 2 FN 500 K	#2, #2, #2	Full neutral	500
	SS1 2 FN 750 K			750
	SS1 2 RN 500 K	#2, #2, #4	Reduced neutral	500
	SS1 2 RN 750 K			750
	SS1 4 FN 500 K	#4, #4, #4	Full neutral	500
	SS1 4 FN 750 K			750
	SS1 4 RN 500 K	#4, #4, #6	Reduced neutral	500
	SS1 4 RN 750 K			750



Note: Kit consists of two sockets, one neutral socket, two pin terminals, one neutral pin terminal, one SSL link kit (breakaway link and bail), two Flood-Seal insulating splice covers and one Flood-Seal insulating rocket.

SSL – Breakaway links

	Cat. no.	Breakaway force (lbs.)
SSL 750	SSL 500	500
	SSL 750	750





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Blackburn® Storm-Safe® service entrance disconnects are assembled and shipped from Ormond Beach, Florida.

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