

ReliaGear™ lighting panelboards

Split-bus panelboards



ReliaGear split-bus lighting panelboards feature ABB's advanced breaker technology in the Formula A2 and Tmax® XT1 molded case circuit breakers as mains and sub-feeds. Split-bus panelboards have two separate sets of bus bars, allowing you to de-energize one section of the panel at a time.

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Split-bus lug panelboard
configuration 1 and 2

Applications

Parking garages, recreational sporting event areas, arenas, casinos, educational institutions and fields

9 configurations available through empower.

Incoming type

Lighting contactor, main lug or main breaker

Panelboard selections

- RQ/RL up to 225 A main breaker or main lug, max. 22 KAIC at 240 V
- RE up to 125 A main breaker or 225 A main lug, max. 18 KAIC at 480 V

Main breakers

Formula A2, Tmax XT1, THQB, TEY, TEY(D/H/L)

Feeders

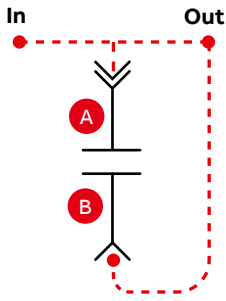
THQB, TEY

Sub-feeds

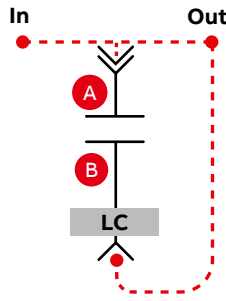
Formula A2, THQB, TEY, TEY(D/H/L) TED, Tmax XT1

Max. rating of 22 KAIC at 240 V and 208/120 V and 18 KAIC at 480 V.

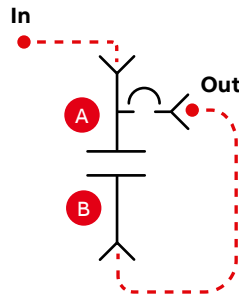
01 Lug A | A to B lug | lug B



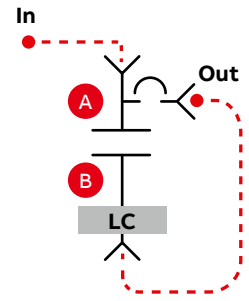
02 Lug A | A to B lug | LC B



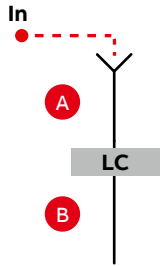
03 Lug A | BRK. A to B | lug B



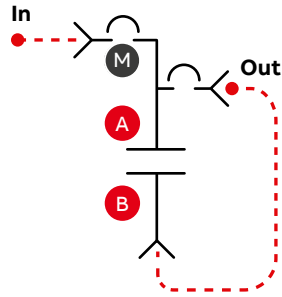
04 Lug A | BRK A to B | LC B



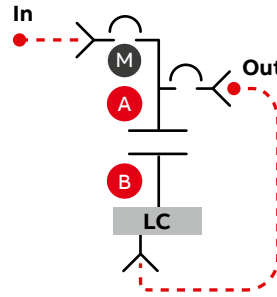
05 Lug A | LC A to B



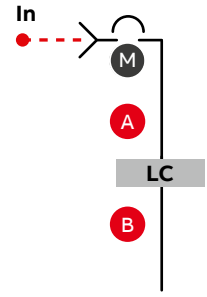
06 BRK A | BRK A to B | lug B



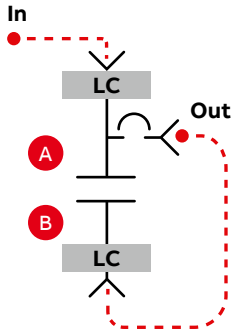
07 BRK A | BRK A to B | LC B



08 BRK A | LC A to B



09 LC A | BRK A to B | LC B



Legend



Main breaker



Lugs



Section A



Cabled by others



Dual lugs



Section B



Lighting contactor



Breaker



Subfeed

Enclosures available

Panel size (in.)	Box catalog number	Box size (in.) ¹	Front catalog number ²
0–25.5	AB25	25.5	AF25F or S
28.5–31.5	AB31	31.5	AF31F or S
34.5–37.5	AB37	37.5	AF37F or S
40.5–43.5	AB43	43.5	AF43F or S
46.5–48.5	AB49	49.5	AF49F or S
52.5–55.5	AB55	55.5	AF55F or S
58.5–64.5	AB64	64.5	AF64F or S
67.5–76.5	AB76	76.5	AF76F or S

¹ Standard boxes are 20" wide by 5.81" deep.

² Flush fronts are 1½" larger than box. Surface fronts are ¼" larger than box.

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