

BROCHURE

# Lighting Panelboards

## Selection Guide - Canadian Assembly



- Available A series lighting panelboards
- cUL listed / assembled in Montreal
- Empower configuration
- Fast shipment

---

## Montreal's Research, Development and Assembly center

The first Canadian assembly center for lighting panelboards

Montreal's RDA is the manufacturing center for control panels in ABB's Electrification division. In Canada for Canada, our proximity unlocks value for Canadian enterprises. Whether for a standard or custom product, we are ready to serve your every need - quickly, expertly and efficiently. Join us on our journey to be the world-class Canadian manufacturing center for enclosed control products.

### Benefits for the Canadian market

- Market proximity to better understand your needs
- Reduce lead times
- Allow you to inspect your products directly at the factory (Factory Acceptance Testing)
- Product that meets the needs of the Canadian market
- Bilingual pre and post-sales support in Canada

### Our expertise

- Over 100 years of experience from source to socket
- Comprehensive one-line package and application knowledge
- Experienced in both assembly and engineering
- Recognized as one of the world's most innovative companies

### Our installations

- Over 130,000 square feet
- Production in work cells
- All functions under the same roof: Engineering, assembly, testing, purchasing, quality, etc.
- ISO 9001, 14001 and 45001 certified
- CSA & UL

### A safe, smart and sustainable world

**Powered by our people**



## A series II™ Lighting Panels

Our A-Series design is an extremely flexible lighting panel with over 250 combinations. The panel's comprehensive design, ease of installation and competitive price make it the obvious choice for contractors and consultants. The panels can be quoted and ordered through ABB's Empower configurator allowing for flexible and easy ordering. Now being assembled in ABB's new state-of-the-art assembly center in Montreal Canada, it allows a significant improvement in delivery lead times for the Canadian market.

A series II™ main features from the assembly plant in Montreal:

### Voltage

- 240Vac - AQ series
- 600Vac - AD series

### Main bus amperage

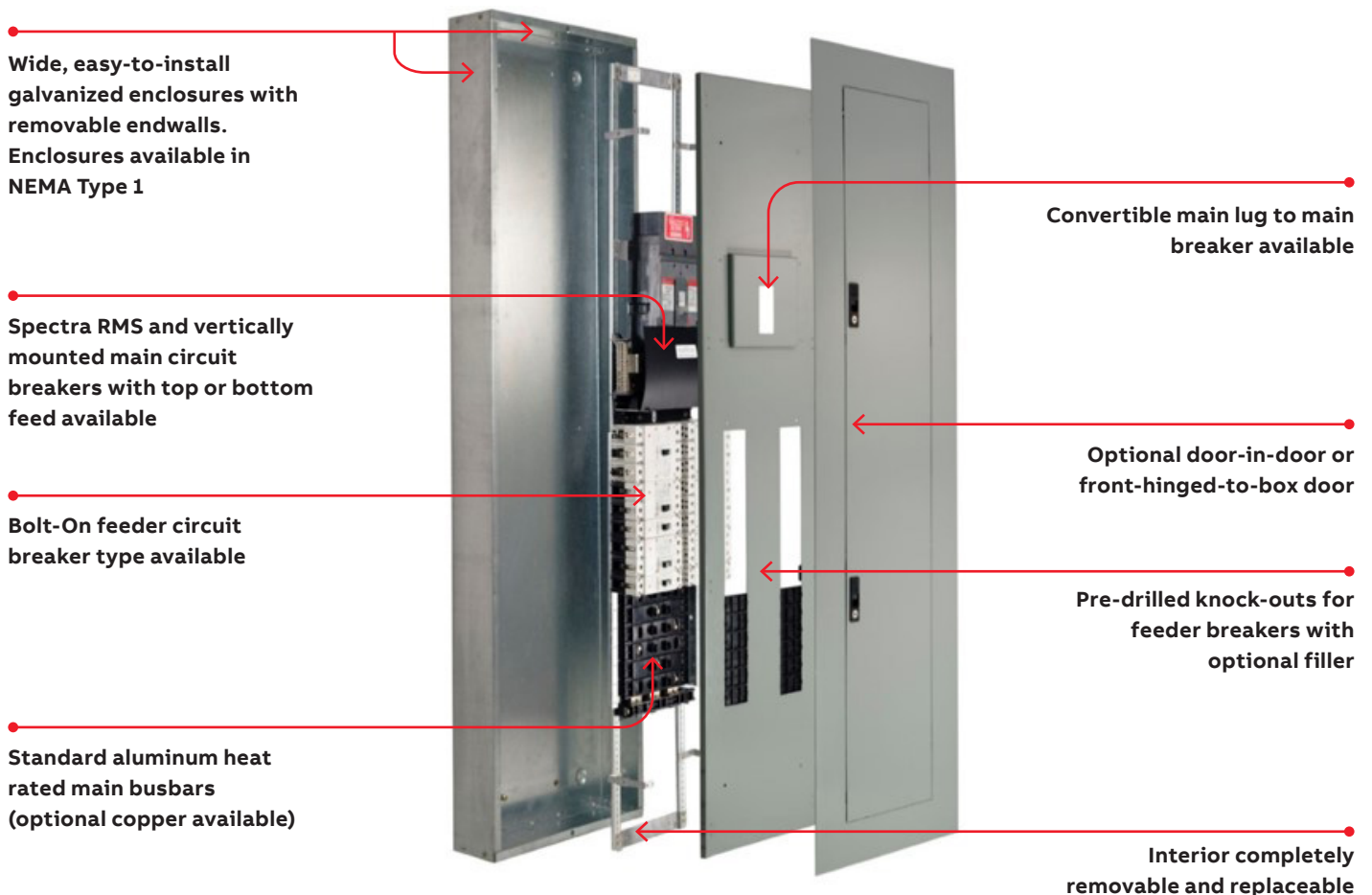
- cUL listed up to 400A maximum with standard aluminum heat rated busbars (copper only on AD series)

### Series rated

- 200kAIC at 240Vac (AQ types)
- 35kAIC at 600Y/347V (AD types)

### Enclosure

- NEMA type 1 with standard 20" wide x 5 ¾" deep
- Fast and easy to install by only one person



# A Series II™ Lighting Panels

240Vac

## AQ types - Montreal assembly scope

Main incoming location	Main bus type	Maximum bus amperage	Main incoming type	Number of circuits available
Convertible Top / Bottom	Aluminum heat rated	125A	Breaker	12
				24
				30
			Lugs	42
				12
				24
		225A	Breaker	30
				42
				60
			Lugs	12
				24
				30
400A	Breaker	42		
		60		
		42		
	Lugs	60		
		12		
		24		
Convertible Top / Bottom	Copper heat rated	125A	Breaker	30
				42
				12
			Lugs	24
				30
				42
		225A	Breaker	12
				24
				30
			Lugs	42
				60
				42
400A	Breaker	60		
		42		
		60		
	Lugs	42		
		60		
		60		

# A Series II™ Lighting Panels

600Vac

## AD types - Montreal assembly scope

Main incoming location	Main bus type	Maximum bus amperage	Main incoming type	Number of circuits available
		225A	Breaker	24
				42
				60
			Lugs	24
				42
				60
Convertible Top / Bottom	Copper heat rated	400A	Breaker	24
				42
				60
			Lugs	24
				42
				60



—

**ABB - Campus Montréal**

800 Hymus Boulevard  
Saint-Laurent, Quebec, Canada  
H4S 0B5

**For any inquiries please contact our technical support team**

[ep.support@ca.abb.com](mailto:ep.support@ca.abb.com)

—

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders and/or contracts, the agreed particulars shall prevail. ABB Inc. 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 Inc.

©2020 ABB. All rights reserved.