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CANADIAN BROCHURE

# Enclosed Circuit Breakers

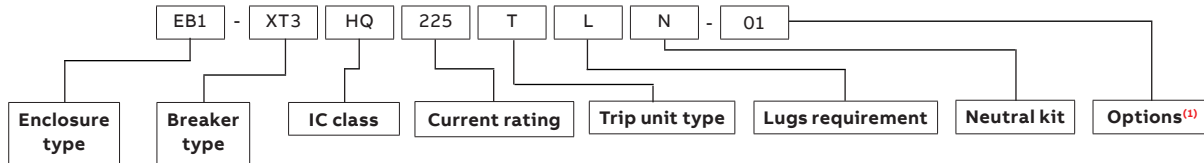
## Tmax range



- Enclosed solution up to 1200A
- Pre-assembled in Type 1 enclosures
- Optional Type 3/3R/4/4X/12 enclosures
- DYI possibility with standard Type 1
- Service entrance rated available

# Factory assembled Solution

## Catalog number explanation



## Factory assembled solution

Enclosure type	Breaker type	Interrupting rating class <sup>(2)</sup>	Current rating <sup>(2)</sup>	Trip unit type <sup>(2)</sup>	Lugs requirement	Neutral bar kit <sup>(3)</sup>
<b>EB1</b>	<b>Type 1</b>	<b>XT1</b> 125 A max.	<b>B</b> Basic	<b>015</b> 15 A	<b>T</b> Thermal-magnetic	<b>Blank</b> No lugs supplied
<b>EB2</b>	<b>Type 12</b>	<b>XT2</b> 125 A max.	<b>BQ</b> Basic 100%	<b>020</b> 20 A	<b>B</b> Elect. LS/I	<b>L</b> Lugs supplied
<b>EB3</b>	<b>Type 3R</b>	<b>XT3</b> 225 A max.	<b>N</b> Normal	<b>025</b> 25 A	<b>C</b> Elect. LSI	
<b>EB4</b>	<b>Type 4</b>	<b>XT4</b> 250 A max.	<b>NQ</b> Normal 100%	<b>030</b> 30 A	<b>E</b> Elect. LSIG	
<b>EBX</b>	<b>Type 4X S.S.</b>	<b>T5</b> 400 A max.	<b>S</b> Standard	<b>035</b> 35 A	<b>P</b> Adv. Elect. LI	
<b>EBP</b>	<b>Type 4X Plastic</b>	<b>T6</b> 800 A max.	<b>SQ</b> Standard 100%	<b>040</b> 40 A	<b>R</b> Adv. Elect. LSI	
		<b>T7</b> 1200 A max.	<b>H</b> High	<b>050</b> 50 A	<b>S</b> Adv. Elect. LSIG	
			<b>HQ</b> High 100%	<b>060</b> 60 A		
			<b>L</b> Extra High	<b>070</b> 70 A		
			<b>LQ</b> Extra High 100 %	<b>080</b> 80 A		
			<b>V</b> Very High	<b>090</b> 90 A		
			<b>VQ</b> Very High 100%	<b>100</b> 100 A		
			<b>125</b> 125 A			
			<b>150</b> 150 A			
			<b>175</b> 175 A			
			<b>200</b> 200 A			
<b>225</b> 225 A						
<b>250</b> 250 A						
<b>300</b> 300 A						
<b>400</b> 400 A						
<b>600</b> 600 A						
<b>800</b> 800 A						
<b>1000</b> 1000 A						
<b>1200</b> 1200 A						

(1) Please consult ABB for additional options such as auxiliary contacts, shunt trips, bell alarm. Sequential number provided by ABB

(2) Always consult our technical catalog 1SXP210003C0207 to determine the correct IC class and amperage values assigned to each circuit breaker

(3) Neutral bar kit required for service entrance rated enclosed circuit breaker. Consult ABB if service entrance is required.

# DIY Solution

## Do-It-Yourself type configuration (loose parts)

The DIY configuration does not include the circuit breaker. It must be selected according to our technical catalog 1SXP210003C0201.

- All electrical work shall be performed by qualified personel and conform to all applicable saftey codes. Service Entrance rating not available on DIY configuration.
- Standard Type 1 Enclosures on DIY configuration.

### DIY solution for Type 1 enclosures

Breaker type	Amperage max.	Enclosure part number	Enclosure approx. dimensions H x W x D (in)	Neutral kit part number	Neutral kit amperage max.	Neutral kit wire range
<b>XT1</b>	125 A	EB1-XT1-3-125	16 x 12 x 5	SNT4-100	100 A	14 AWG ... 1/0
				SNT4-150	125 A	2 AWG ... 4/0
<b>XT2</b>	125 A	EB1-XT2-125	16 x 12 x 5	SNT4-100	100 A	14 AWG ... 1/0
				SNT4-150	125 A	2 AWG ... 4/0
<b>XT3</b>	125 A	EB1-XT1-3-125	16 x 12 x 5	SNT4-100	100 A	14 AWG ... 1/0
				SNT4-150	125 A	2 AWG ... 4/0
	225 A	EB1-XT3-225	26 x 12 x 5	SNT4-150	150 A	2 AWG ... 4/0
				SNT4-225	225 A	4 AWG ... 300 kcmil
<b>XT4</b>	100 A	EB1-XT4-100	16 x 12 x 5	SNT4-100	100 A	14 AWG ... 1/0
				SNT4-150	150 A	2 AWG ... 4/0
	225...250 A <sup>(1)</sup>	EB1-XT4-225	26 x 12 x 5	SNT4-225	225 A	4 AWG ... 300 kcmil
				SNT4-250	250 A	6 AWG ... 350 kcmil
250 A	EB1-XT4-250	36 x 20 x 5	SNT4-100	100 A	14 AWG ... 1/0	
			SNT4-150	150 A	2 AWG ... 4/0	
<b>T5</b>	300...400 A	EB1-T5-400	36 x 20 x 5	SNT5-300	300 A	250 kcmil ... 500 kcmil
				SNT5-400	400 A	2x 3/0 ... 2x 250 kcmil
<b>T6</b>	600...800 A	EB1-T6-800	48 x 22 x 6.15	SNT6-600	600 A	2x 250 kcmil ... 2x 500 kcmil
				SNT6-800	800 A	4x 250 kcmil ... 4x 500 kcmil
<b>T7</b>	1200 A	EB1-T7-1200	48 x 22 x 6.15	SNT7-1200	1200 A	4x 250 kcmil ... 4x 500 kcmil

(1) 250 A with Cu cable (300 kcmil max)