

CANADIAN BROCHURE

Enclosed Circuit Breakers

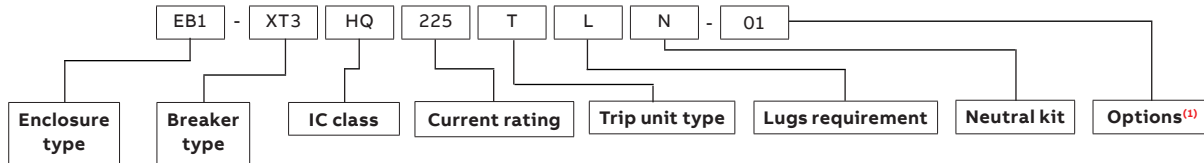
Tmax range



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