

CANADIAN BROCHURE

Enclosed Circuit Breakers

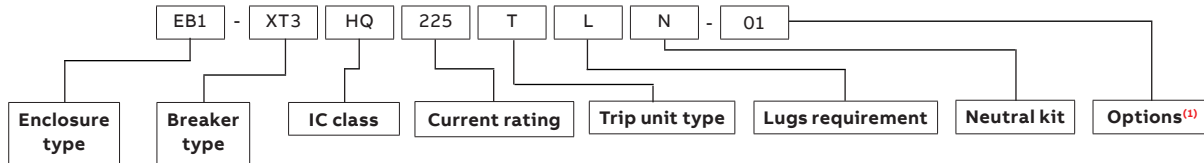
Tmax range



- 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			050 50 A	S Adv. Elect. LSIG
				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)