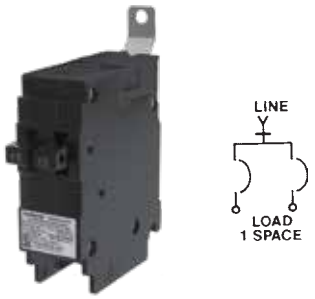
SIEMENS

Mini Circuit Breaker

Multi-Pole Breakers

BT/BTH Bolt-on



BT Tandem/Duplex

These space saver duplex breakers combine two independent 1/2" breaker poles in a common unit. This unit bolts onto one panelboard stab and requires one panel space. HACR rated.

BT Tandem/Duplex Bolt-on Breakers for Panelboard Applications

Amperage	Poles	BT ①②	BTH ①②	Wire Range
UL 489 Interrupting Ratings		10kAIC	22kAIC	
15 - 15	1	B1515	B1515H	#14 - #12 AWG Cu #12 - #10 AWG Al
20 -20	1	B2020	B2020H	

① UL Listed for frequent switching applications (SWD).

② UL Listed for use with 60/75° wire through 40 amps, UL listed for use with 75° wire only for 50 amps and above, HACR rated.

Note: BT and BTH series breakers can be used in any Siemens panelboard in positions that accept BL or BLH series breakers. It is the installer's responsibility to ensure that there are adequate neutral connections available in the panel before installing these breakers.

External Accessories ①

Description	Catalog Number	No. of Poles
Padlocking Device	ECPLD1	1
	ECPLD1R	1
	ECQLD4	1
Handle Tie	ECQTH2	2
Handle Blocking Device	ECBX231M	1

① Can be used with BT/BTH Tandem Circuit Breakers

Standards:
UL 489
CSA C22.2 NO. 5-16
NMX-J-266-ANCE

FAQ: A single 20A BL or BLH 1-pole breaker can be replaced by a twin/tandem 20A BT or BTH breaker to increase the available circuits to two total.

a) How does this help the customer in a previously installed panel?
If there is a 42 circuit panel that is filled with breakers and a customer needs to add three 15A circuits, the customer can replace three 1-pole BL's with three tandem BT's and avoid replacing the entire panel with a larger panel.

b) How does this help when configuring a new panel?
For those applications where space is at a premium(e.g MCC's, IPS switchboards,mini power centers, OEM applications, etc..) a panelboard configured with BT breakers will provide the smallest panelboard interior size in the industry.

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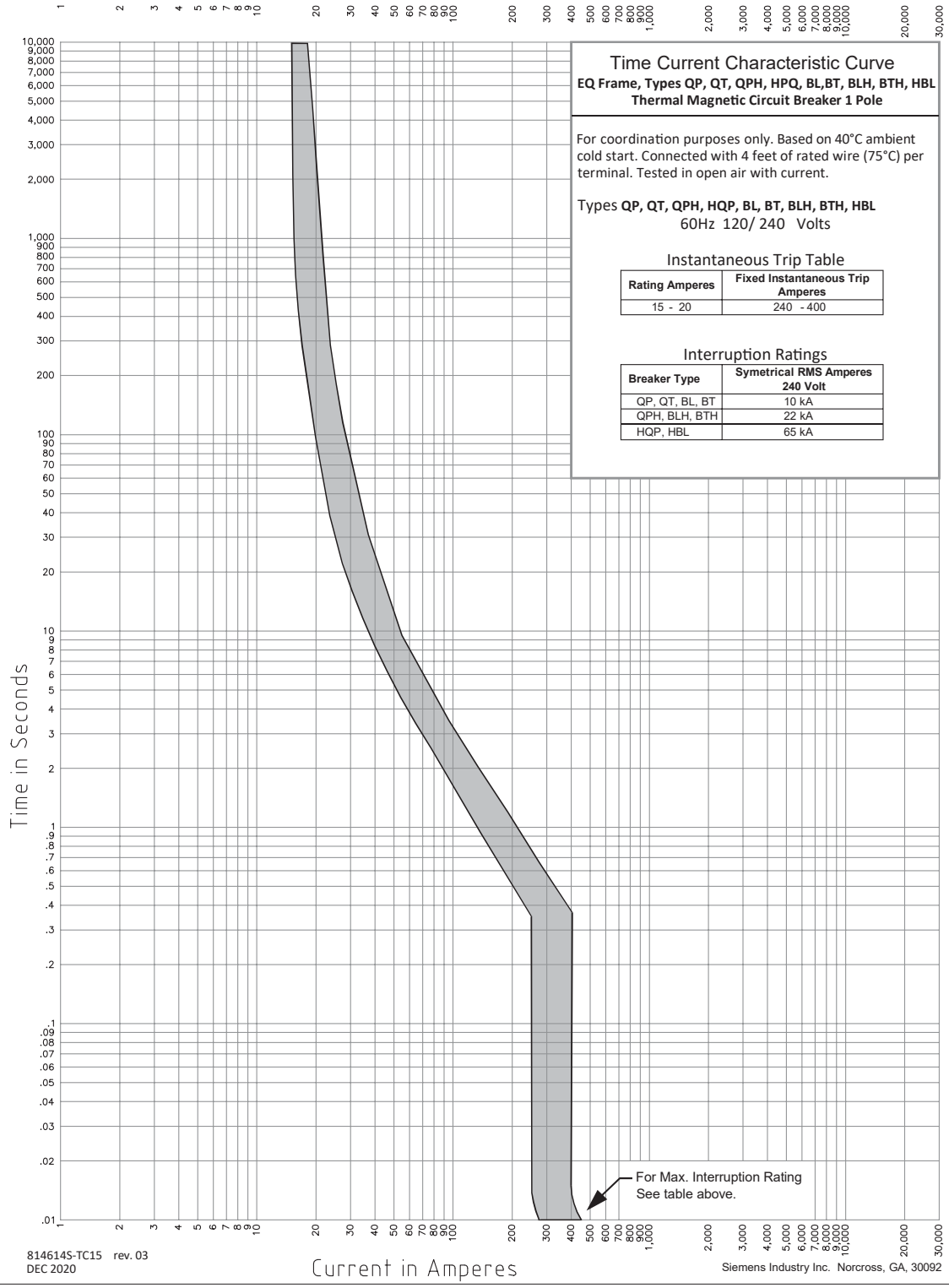
15 A



Time Current Characteristic Curve

EQ Frame, Types QP, QT, QPH, HPQ, BL,BT, BLH, BTH, HBL
Thermal Magnetic Circuit Breaker 1 Pole

For coordination purposes only. Based on 40°C ambient cold start. Connected with 4 feet of rated wire (75°C) per terminal. Tested in open air with current.

Types **QP, QT, QPH, HQP, BL, BT, BLH, BTH, HBL**
60Hz 120/ 240 Volts

Instantaneous Trip Table

Rating Amperes	Fixed Instantaneous Trip Amperes
15 - 20	240 - 400

Interruption Ratings

Breaker Type	Symetrical RMS Amperes 240 Volt
QP, QT, BL, BT	10 kA
QPH, BLH, BTH	22 kA
HQP, HBL	65 kA

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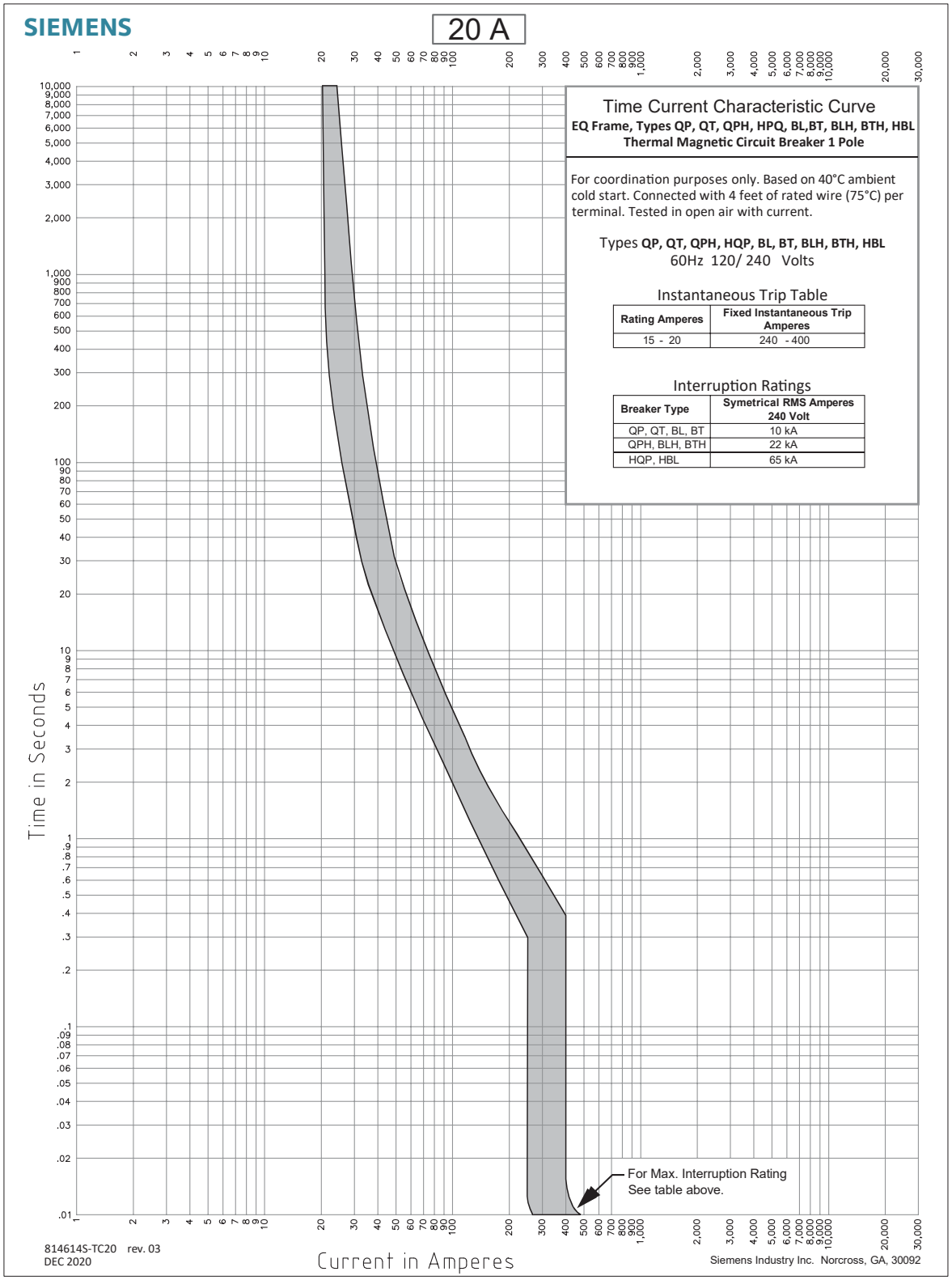

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