

Product life cycle announcement

TJD, TJJ, TJK, THJK, TJC MCCBs

Subject: Thermal Magnetic Molded Case Circuit Breakers - Core J Life Cycle Change

Introduction:

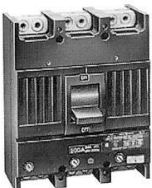

In accordance with the ABB global strategy, the Molded Case Circuit Breakers product line TJD, TJJ, TJK, THJK and TJC will enter the Classic phase of their life cycle on July 1st, 2019 and enter the Limited phase on January 15th, 2020. ABB's Electrification – Smart Power business line is announcing the change in status for all 200A through 600A J600 Molded Case Circuit Breaker products from ACTIVE to CLASSIC to LIMITED.

LIMITED will signify the device is no longer actively promoted. ABB will allow a limited production of this 2 and 3 Pole circuit breaker with types TJD, TJJ, TJK, THJK, and TJC and amperages of 200A – 600A. There is no direct replacement available. These products will not have dimensionally equivalent replacements in the ABB portfolio. Contact your ABB account manager to review alternative solutions such as the Tmax XT3 and Tmax XT4 for 250A applications. Additionally, the Tmax XT5 and Tmax XT6 are soon to be released alternatives.

Your ABB account manager can provide further assistance. Thanks for your attention to this important product notice and your continued support.

***Note: This is for loose breaker applications only. This does not include those integrated into equipment.**

Products:

Legacy Product Line (to be replaced)	Replacement Product Line
 <p>125-600A Circuit Breakers Thermal-Magnetic Trip J600 Line Circuit Breakers Types TJJ, TJK, THJK</p>	 <p>Tmax XT MCCBs</p>

See Appendix A for detailed catalog numbers

Life Cycle Change Schedule:

Legend: C=Classic, L=Limited		Jul 1, 2019	Jan 15, 2020
TJD	TJD422250*, TJD422300*, TJD422350*, TJD422400*, TJD422Y400, TJD432250*, TJD432300*, TJD432350*, TJD432400*, TJD432Y400	C	L
TJJ	TJJ426125*, TJJ426150*, TJJ426175*, TJJ426200*, TJJ426225*, TJJ426250*, TJJ426300*, TJJ426350*, TJJ426400* TJJ436125*, TJJ436150*, TJJ436175*, TJJ436200*, TJJ436225*, TJJ436250*, TJJ436300*, TJJ436350*, TJJ4236400*	C	L
TJK	TJK426125*, TJK426150*, TJK426175*, TJK426200*, TJK426225*, TJK426250*, TJK426300*, TJK426350*, TJK426400* TJK436125*, TJK436150*, TJK436175*, TJK436200*, TJK436225*, TJK436250*, TJK436300*, TJK436350*, TJK4236400* TJK426T125, TJK426T150, TJK426T175, TJK426T200, TJK426T225, TJK426T250, TJK426T300, TJK426T350, TJK426T400 TJK426F000, TJK626F000 TJK436T125, TJK436T150, TJK436T175, TJK436T200, TJK436T225, TJK436T250, TJK436T300, TJK436T350, TJK436T400 TJK436F000, TJK636F000 TJK436TM1400, TJK436TM2400, TJK436TM3400 TJK626250*, TJK626300*, TJK626350*, TJK626400* TJK626450*, TJK626500*, TJK626600* TJK636250*, TJK636300*, TJK636350*, TJK636400* TJK636450*, TJK636500*, TJK636600* TJK626T250, TJK626T300, TJK626T350, TJK626T400 TJK626T450, TJK626T500, TJK626T600 TJK636T250, TJK636T300, TJK636T350, TJK636T400 TJK636T450, TJK636T500, TJK636T600 TJK636TM1600, TJK636TM2600	C	L
THJK	THJK426125*, THJK426150*, THJK426175*, THJK426200*, THJK426225*, THJK426250*, THJK426300*, THJK426350*, THJK426400* THJK436125*, THJK436150*, THJK436175*, THJK436200*, THJK436225*, THJK436250*, THJK436300*, THJK436350*, THJK4236400* THJK426F000, THJK436F000 THJK436D125*, THJK436D150*, THJKD436175*, THJK436D200*, THJK436D225*, THJK436D250*, THJK436D300*, THJK436D350*, THJK436D400* THJK636D250*, THJK636D300*, THJK636D350*, THJK636D400* THJK436D000, THJK636D000 THJK626250*, THJK626300*, THJK626350*, THJK626400* THJK626450*, THJK626500*, THJK626600* THJK636250*, THJK636300*, THJK636350*, THJK636400* THJK636450*, THJK636500*, THJK636600*	C	L
TJC	TJC36400C, TJC36400F, TJC36400G, TJC36400B TJC36600G, TJC36600H	C	L

Life Cycle Definitions:

CLASSIC PHASE:

- Product is still available, but not extensively promoted (a substitution product will be identified with cross-reference in most cases)
- No further enhancements or developments
- Customers can take advantages of the complete range of ABB life cycle services, spare parts and maintenance materials
- End users are encouraged to evolve to replacement product

LIMITED PHASE:

- Product is no longer actively promoted
- Service support is ensured, including retrofit kits, spare parts and accessories.
- Product is no longer manufactured or limited production might be available. There are reductions in stock levels and the number of SKUs that are stocked.
- Life extension solutions may be available under a Customer Support Agreement, which provide "Active Phase"-like support from ABB Service team

OBSOLETE PHASE:

- Product is withdrawn from sales
- No longer manufactured as a complete product
- Retrofit kits, where applicable, are available for most applications
- Spare parts availability may diminish over time with decrease in production volumes

Replacement products:

Customers should review alternative solutions from the ABB Tmax XT Molded Case Circuit Breaker Product Line. Replacement product should be selected based on applications.

Inventory:

Inventory levels will be actively managed to reduce and eliminate the stocking levels and stocked materials. Other Inventory (OI) requests will not be accepted moving forward.

Pricing:

A price increase of 10% to list price and SPA's will be applied on January 15, 2020. Pricing is subject to change during the product life cycle.

SPA's will no longer be valid/offered for these products after Jan 1st, 2020.

During limited and obsolete phase, any exception to price increase must be approved by Pricing Manager and Product Marketing Manager (PMM).

Product Returns:

During the ABB life cycle phases, the ABB return policy will be enforced. Any requested returns after product obsolescence will only be accepted with approval of ABB District Sales Manager and Product Manager for a grace period of 3 months from date of obsolescence.

Exception Policy:

Any requests for exception to the policy will be formally submitted using Obsolescence Exception Form (see Appendix B). In this form, requestor must clearly state business case, rationale, and proposed transition plan. Exceptions will be approved by the DSM and PMD responsible.

General Conversion Support Resources:

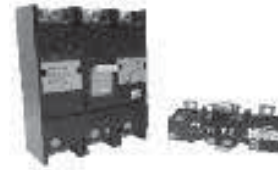
- US Life Cycle Management Page (internal)
 - <https://go.insideplus.abb.com/us/divisions/electrification-products/ep---u.s.-marketing-sales/life-cycle-management>
- Global Life Cycle Management Page
 - <https://new.abb.com/low-voltage/service/service-for-low-voltage-products/replacements>
- eConfig Tool (product selector)
 - <https://xe-v-lscfe01p.xe.abb.com/global/>
- US Technical Support Contact
 - eppc.support@us.abb.com

Product-Specific Support Resources

- Tmax XT product information:
 - o <https://new.abb.com/low-voltage/launches/xt+>
- Abb North American MCCB configurator:
 - o <https://lowvoltage-configurator.tnb.com/configurator/#/family/mccb+>

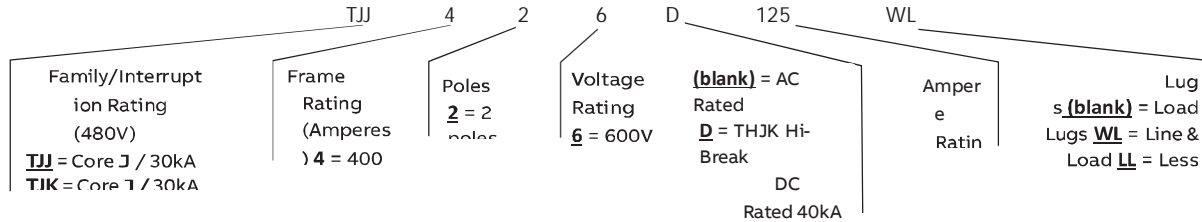
Appendix A:

Industrial Circuit Breakers



125-600A Circuit Breakers
 Thermal-Magnetic Trip
 J600 Line Circuit Breakers
 Types TJJ, TJK, THJK

Product Number Structure



Note: This information is provided for interpreting product numbers (it should not be used to build product numbers).

Type TJJ Noninterchangeable Trip, includes Cu/Al Line and Load Lugs, suitable for reverse feed

Amperage Rating	Adjustable Instantaneous Trip Amperage Range		Frame				Terminal Lugs for Front Connection (Cu/Al)	
	Low	High	2-Pole, 400 Ampere Frame 600 Vac, 250 Vdc		3-Pole, 400 Ampere Frame 600 Vac		Copper/ Aluminum Lugs	Wire Size
			Product Number	List Price GO-135LG	Product Number	List Price GO-135LG		
125	375	1250	TJJ426125VWL	\$2118.00	TJJ436125VWL	\$2573.00	TCAL43 ³ Included in price of breaker	(1) 6-600 or (2) 2/0-250 Cu/Al
150	450	1500	TJJ426150VWL	\$2118.00	TJJ436150VWL	\$2573.00		
175	525	1750	TJJ426175VWL	\$2118.00	TJJ436175VWL	\$2573.00		
200	600	2000	TJJ426200VWL	\$2118.00	TJJ436200VWL	\$2573.00		
225	675	2250	TJJ426225VWL	\$2118.00	TJJ436225VWL	\$2573.00		
250	750	2500	TJJ426250VWL	\$2118.00	TJJ436250VWL	\$2573.00		
300	900	3000	TJJ426300VWL	\$2118.00	TJJ436300VWL	\$2573.00		
350	1050	3500	TJJ426350VWL	\$2118.00	TJJ436350VWL	\$2573.00		
400	1200	4000	TJJ426400VWL	\$2118.00	TJJ436400VWL	\$2573.00		

Types TJK, THJK — Interchangeable Trip, includes Cu/Al Line and Load Lugs, not suitable for reverse feed

Amperage Rating	Adjustable Instantaneous Trip Amperage Range		Complete Circuit Breaker						Terminal Lugs for Front Connection (Cu/Al) ¹			
	Low	High	Includes Line and Load Lugs		Frame Only		Trip Unit Only, Use with Standard and		Product Number (Order 2 per pole)	List Price GO-135LG	Wire Size	
			Hi-Break Product Number	List Price GO-135LG	Product Number	List Price GO-135LG	Hi-Break Frames	List Price GO-135LG				
400A Frame—Two-Pole												
125	375	1250	TJK426125VWL	\$2118.00	THJK426125VWL	\$3085.00	TJK426F000	\$1598.00	TJK426T125	\$464.00	TCAL43 ³ \$14.00	(1) 6-600 or (2) 2/0-250 Cu/Al
150	450	1500	TJK426150VWL	\$2118.00	THJK426150VWL	\$3085.00	Standard Frame	TJK426T150	\$464.00			
175	525	1750	TJK426175VWL	\$2118.00	THJK426175VWL	\$3085.00		TJK426T175	\$464.00			
200	600	2000	TJK426200VWL	\$2118.00	THJK426200VWL	\$3085.00	TJK426T200	\$464.00				
225	675	2250	TJK426225VWL	\$2118.00	THJK426225VWL	\$3085.00	TJK426T225	\$464.00				
250	750	2500	TJK426250VWL	\$2118.00	THJK426250VWL	\$3085.00	TJK426T250	\$464.00				
300	900	3000	TJK426300VWL	\$2118.00	THJK426300VWL	\$3085.00	TJK426T300	\$464.00				
350	1050	3500	TJK426350VWL	\$2118.00	THJK426350VWL	\$3085.00	THJK426F000	\$2565.00	TJK426T350	\$464.00		
400	1200	4000	TJK426400VWL	\$2118.00	THJK426400VWL	\$3085.00	Hi-Break	TJK426T400	\$464.00			
400A Frame—Three-Pole												
125	375	1250	TJK436125VWL	\$2573.00	THJK436125VWL	\$3675.00	TJK436F000	\$2025.00	TJK436T125	\$464.00	TCAL43 ³ \$14.00	(1) 6-600 or (2) 2/0-250 Cu/Al
150	450	1500	TJK436150VWL	\$2573.00	THJK436150VWL	\$3675.00	Standard Frame	TJK436T150	\$464.00			
175	525	1750	TJK436175VWL	\$2573.00	THJK436175VWL	\$3675.00		TJK436T175	\$464.00			
200	600	2000	TJK436200VWL	\$2573.00	THJK436200VWL	\$3675.00	TJK436T200	\$464.00				
225	675	2250	TJK436225VWL	\$2573.00	THJK436225VWL	\$3675.00	TJK436T225	\$464.00				
250	750	2500	TJK436250VWL	\$2573.00	THJK436250VWL	\$3675.00	TJK436T250	\$464.00				
300	900	3000	TJK436300VWL	\$2573.00	THJK436300VWL	\$3675.00	TJK436T300	\$464.00				
350	1050	3500	TJK436350VWL	\$2573.00	THJK436350VWL	\$3675.00	THJK436F000	\$3127.00	TJK436T350	\$464.00		
400	1200	4000	TJK436400VWL	\$2573.00	THJK436400VWL	\$3675.00	Hi-Break	TJK436T400	\$464.00			
Mag Only	600	2000	—	—	—	—	—	TJK436TM1400 ²	\$558.00			
	1200	4000	—	—	—	—	—	TJK436TM2400 ²	\$558.00			
	350	1000	—	—	—	—	—	TJK436TM3400 ²	\$558.00			

¹For optional lugs, see page 3-120.

²Not UL listed.

³Alternate lug for 750 kcmil Cu/Al cable, Product Number TCAL47 List Price \$26.00, GO-135LG.

Industrial Circuit Breakers

125-600A Circuit Breakers
 Thermal-Magnetic Trip
 J600 Line Circuit Breakers
 Types TJJ, TJK, THJK

Type THJK - 600V High Break DC Circuit Breakers

Ampere Rating	Adjustable Instantaneous Trip Ampere Range		Hi-Break Product Number	List Price GO-135LG	Frame Only Product Number	List Price GO-135LG	Trip Unit Only, Use w/ Standard and Hi-Break Frames		List Price GO-135LG	Product Number (Order 2 per pole)	List Price GO-135LG	Wire Size
	Low	High										
400A Frame—Three-Pole												
125	375	1250	THJK436D125VWL	\$4005.00	THJK436D000	\$2207.00	TJK436T125	\$464.00	TCAL43 ³	\$14.00	(1) 6-600 or (2) 2/0-250 Cu/Al	
150	450	1500	THJK436D150VWL	\$4005.00			TJK436T150	\$464.00				
175	525	1750	THJK436D175VWL	\$4005.00			TJK436T175	\$464.00				
200	600	2000	THJK436D200VWL	\$4005.00			TJK436T200	\$464.00				
225	675	2250	THJK436D225VWL	\$4005.00			TJK436T225	\$464.00				
250	750	2500	THJK436D250VWL	\$4005.00			TJK436T250	\$464.00				
300	900	3000	THJK436D300VWL	\$4005.00			TJK436T300	\$464.00				
350	1050	3500	THJK436D350VWL	\$4005.00			TJK436T350	\$464.00				
400	1200	4000	THJK436D400VWL	\$4005.00			TJK436T400	\$464.00				
600A Frame—Three-Pole												
250	750	2500	THJK636D250VWL	\$4858.00	THJK636D000	\$3436.00	TJK636T250	\$1221.00	TCAL43 ³	\$14.00	(1) 6-600 or (2) 2/0-250 Cu/Al	
300	900	3000	THJK636D300VWL	\$4858.00			TJK636T300	\$1221.00				
350	1050	3500	THJK636D350VWL	\$4858.00			TJK636T350	\$1221.00				
400	1200	4000	THJK636D400VWL	\$4858.00			TJK636T400	\$1221.00				

Types TJK, THJK — Interchangeable Trip, includes Cu/Al Line and Load Lugs, not suitable for reverse feed

Adjustable Instantaneous Trip Ampere Range						Complete Circuit Breaker				Terminal Lugs for Front Connection (Cu/Al) ¹				
Ampere Rating	Range		Standard Product Number	List Price GO-135LG	Hi-Break Product Number	List Price GO-135LG	Frame Only Product Number	List Price GO-135LG	Trip Unit Only, Use w/ Standard and Hi-Break Frames		List Price GO-135LG	Product Number (Order 2 per pole)	List Price GO-135LG	Wire Size
	Low	High												
600A Frame—Two-Pole														
250	750	2500	TJK626250VWL	\$2812.00	THJK626250VWL	\$3704.00	TJK626F000	\$1535.00	TJK626T250	\$1221.00	TCAL43 ²	\$14.00	(1) 6-600 or (2) 2/0-250 Cu/Al	
300	900	3000	TJK626300VWL	\$2812.00	THJK626300VWL	\$3704.00			TJK626T300	\$1221.00				
350	1050	3500	TJK626350VWL	\$2812.00	THJK626350VWL	\$3704.00			TJK626T350	\$1221.00				
400	1200	4000	TJK626400VWL	\$2812.00	THJK626400VWL	\$3704.00			TJK626T400	\$1221.00				
450	1350	4500	TJK626450VWL	\$2848.00	THJK626450VWL	\$3740.00	THJK626F000		TJK626T450	\$1221.00	TCAL63	\$23.00	(2) 4/0-350 Cu or (2) 300-500 Al	
500	1500	5000	TJK626500VWL	\$2848.00	THJK626500VWL	\$3740.00	Hi-Break	\$2427.00	TJK626T500	\$1221.00				
600	1800	6000	TJK626600VWL	\$2848.00	THJK626600VWL	\$3740.00	Frame		TJK626T600	\$1221.00				
600A Frame—Three-Pole														
250	750	2500	TJK636250VWL	\$3539.00	THJK636250VWL	\$4457.00	TJK636F000	\$2234.00	TJK636T250	\$1221.00	TCAL43 ²	\$14.00	(1) 6-600 or (2) 2/0-250 Cu/Al	
300	900	3000	TJK636300VWL	\$3539.00	THJK636300VWL	\$4457.00			TJK636T300	\$1221.00				
350	1050	3500	TJK636350VWL	\$3539.00	THJK636350VWL	\$4457.00			Standard	TJK636T350				\$1221.00
400	1200	4000	TJK636400VWL	\$3539.00	THJK636400VWL	\$4457.00			Frame	TJK636T400				\$1221.00
450	1350	4500	TJK636450VWL	\$3593.00	THJK636450VWL	\$4511.00	THJK636F000		TJK636T450	\$1221.00	TCAL63	\$23.00	(2) 4/0-350 Cu or (2) 300-500 Al	
500	1500	5000	TJK636500VWL	\$3593.00	THJK636500VWL	\$4511.00	Hi-Break	\$3152.00	TJK636T500	\$1221.00				
600	1800	6000	TJK636600VWL	\$3593.00	THJK636600VWL	\$4511.00	Frame		TJK636T600	\$1221.00				
600	6000	2000	—	—	—	—			TJK636TM1600 ³	\$1465.00				
Mag Only	1800	6000	—	—	—	—			TJK636TM2600 ³	\$1465.00				

¹For optional lugs, see page 3-120.

²Alternate lug for 750 kcmil Cu/Al cable, Product Number TCAL47 List Price \$26.00, GO-135LG.

³Not UL listed.

J600 Reference Publications

Mechanical Interlock	GEH-3033
Trip Unit	GEH-3035
Bell Alarm	GEH-3320
Auxiliary Switch	GEH-3321
Three Coil Shunt Trip	GEH-3346
Shunt Trip	GEH-3435
TDR Operating Mechanism	GEH-3450
Plug-in Mounting Base	GEH-4342
Motor Operator	GEH-4676
TDM Operating Mechanism	GEH-5023
STDA Flange Handle	GEH-5314
STDA Operating Mechanism	GEH-5318
Undervoltage Release	GEH-5407
J600 Outline Drawing	455C564SH1

