

BUYLOG SECTION 4

Safety switches and AC disconnects



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Overview



	Spec Setter General Duty (type TG)	Spec Setter Heavy Duty (type TH)	Spec Setter Double Throw (TC, TDT)
Application	Residential/light commercial	Commercial/industrial	Two (2) power sources
Poles / wires	2p/3w, 3p/3w, 3p/4w	2p/2w, 2p/3w, 3p/3w, 3p/4w	3p/3w
Voltage	240 V AC, 240 V DC	240 V AC, 240 V DC, 600 V AC, 600 V DC	240 V AC, 250 V DC, 600 V AC
Amperage	30 - 600	30 - 1200	30 - 1200
Enclosure ratings			
NEMA 1	■	■	■
NEMA 3R	■	■	■
NEMA 4/4X SS 304		■	■
NEMA 4/4X SS 316		■	
NEMA 5/12		■	
Withstand class/rating			
Any other protective device			
H upstream	■	■	■
J upstream		■	■
K upstream	■	■	■
L upstream		■	■
R upstream	■	■	■
T upstream		■	■
Specialty types			
Smart		■	
DC		■	
Interlocked receptacle		■	
Red	■	■	
Fusing			
Fusible	■	■	■
Non-fusible	■	■	■
HP Rated	■	■	■
Starting page			
Accessories			
Equipment ground kits	■	■	■
Neutral kits	■	■	■
Auxiliary contact kits		■	■
Door gasket kits		■	■
Fusing kits	■	■	■
Raintight hubs	■	■	■
Replacement handles		■	
Line shield kits	■	■	



	AC Disconnects	Emergency Power Transfer Switch (type TC)
Application	Residential	Generator or other emergency electricity source
Poles / wires		2p/3w, 3p/3w, 3p/4w
Voltage	240 V AC	120/240Vac, 240Vac
Amperage	30 - 60	100 - 200
Enclosure ratings		
NEMA 1		
NEMA 3R	■	■
NEMA 4/4X SS 304		
NEMA 4/4X SS 316		
NEMA 5/12		
Withstand class/rating		
Any other protective device		
H upstream		
J upstream		
K upstream		
L upstream		
R upstream		
T upstream		
Specialty types		
Smart		
DC		
Interlocked receptacle		
Red		
Fusing		
Fusible	■	
Non-fusible	■	■
HP Rated	■	
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AC disconnects

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AC disconnects

Product overview

Steel fusible and non-fusible AC Disconnects allow you to easily and safely disconnect the power to your AC units as needed for maintenance. Plastic AC Disconnects are versatile in applications such as with air conditioners, water heaters, etc.

Features

- Compact size
- Easy installation
- Fusible or non-fusible types
- Plastic or metal enclosures
- Puller or non-automatic switch type disconnections
- Fusible—UL869 Service Equipment
- Non-Fusible—UL 1429 Enclosed Pullout switch



U035F2



U065F1



U065P010



P065P

AC steel disconnect, NEMA 3R enclosure

	Amperage rating	HP rating	Standard fuse class	15A GFCI outlet	Height	Width	Depth	Standard package	Replacement puller	Ordering code
Fusible										
	30	3	H, K1, K5, K9, RK1, RK5	–	7.5	5.19	2.5	6	FR352R	U035F2
	60	10	H, K1, K5, K9, RK1, RK5	–	9.25	5.19	2.5	6	FH682	U065F1
Non-fusible										
	60	10	–	–	7.5	5.19	2.5	6	NF652	U065P
	60	10	–	Factory Installed	7.13	5.5	5.19	6	NF652	U065P010
Non-automatic										
	60	10	–	–	7.5	5.19	2.5	6	–	U065NA1
	60	10	–	Factory Installed	7.13	5.5	5.19	6	–	U065NA1010

AC plastic disconnect, NEMA 3R enclosure

	Amperage rating	HP rating	Standard fuse class	Removable Closing cap	Height	Width	Depth	Standard package	Replacement puller	Ordering code
Fusible										
	30	3	H, K1, K5, K9, RK1, RK5	Yes	7.0	5.75	3.13	6	FR352R	P035F2
	60	10	H	Yes	7.0	5.75	3.0	6	U065F1	P065F
Non-fusible										
	60	10	–	Yes	8.0	5.0	2.5	6	NF652	P065P
	60	10	–	No	7.5	5.19	5.19	6	NF652	P065P1
Non-automatic										
	60	10	–	No	7.0	5.75	3.13	6	–	P065NA1

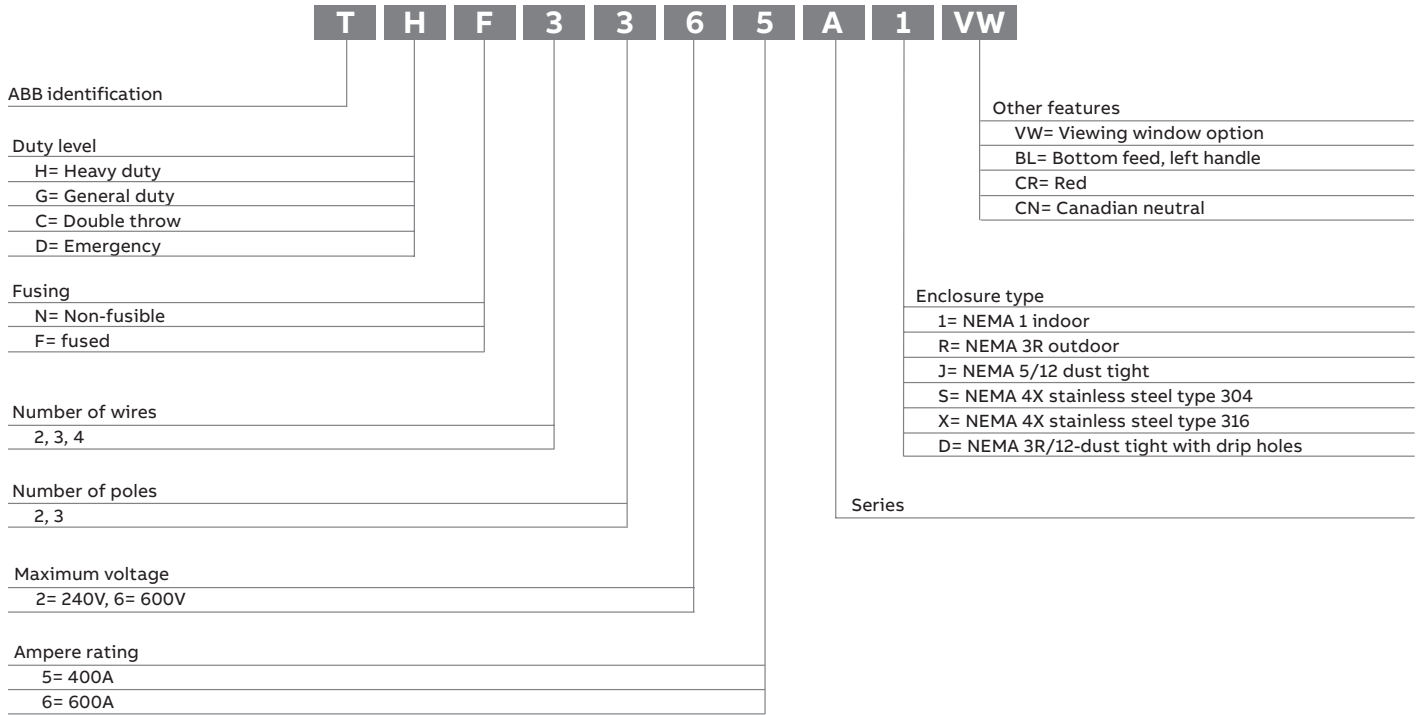
Spec-Setter safety switches

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Spec-Setter safety switches

Ordering code construction - 400-600 A



Note: This information is provided for interpreting numbers. It should not be used to build Ordering codes.

General duty safety switches

NEMA types 1 and 3R - 240Vac

	Amperage rating	Ordering code					
		NEMA Type 1 indoor	NEMA Type 3R outdoor	Ground kit	Neutral kit	Standard fuse class	Class R fuse rejection kit ⁵
Fusible / 2 pole / 3 wire							
	30	TG3221	TG3221R	TGL1	Factory installed	H, K, and R	TGRK12
	60	TG3222	TG3222R				TGRK22
	100	TG3223 ¹	TG3223R	TNG3			TGRK42
	200	TG3224 ¹	TG3224R				
	400	TGF3225A1 ¹	TGF3225AR ²	TGL6			TRK56A
	600	TGF3226A1 ¹	TGF3226AR ²				TRK66A
Fusible / 3 pole / 4 wire							
	30	TG4321	TG4321R	TGL1	Factory installed	H, K, and R	TGRK12
	60	TG4322	TG4322R				TGRK22
	100	TG4323	TG4323R	TNG3			TGRK42
	200	TG4324 ¹	TG4324R				
	400	TGF4325A1 ¹	TGF4325AR	TGL6			TRK56A
	600	TGF4326A1 ¹	TGF4326AR				TRK66A
Non-fusible / 3 pole / 3 wire							
	30	TGN3321	TGN3321R	TGL1	TNI21	-	-
	60	TGN3322	TGN3322R		3		
	100	TGN3323	TGN3323R	TNG3	3		
	200	TGN3324 ¹	TGN3324R		TNIA64		
	400	TGN3325A1 ¹	TGN3325AR	TGL6	TNI65 or TNI65A750		
	600	TGN3326A1 ¹	TGN3326AR		TNI66		

NEMA types 1 and 3R - red - 240Vac

	Amperage rating	Ordering code					
		NEMA Type 1 indoor	NEMA Type 3R outdoor	Ground kit	Neutral kit	Standard fuse class	Class R fuse rejection kit ⁵
Fusible / 2 pole / 3 wire							
	30	TG3221VRED	-	TGL1	Factory installed	H, K, and R	TGRK12
Fusible / 3 pole / 4 wire							
	30	TG4321VRED	-	TGL1	Factory installed	H, K, and R	TGRK12
	60	TG4322VRED	-				TGRK22

For Type 3R enclosures: 30-200 ampere devices have removable closing cap. Order hubs for these devices separately in accessories section. Larger amp devices require field cut openings and customer supplied hubs.




General duty safety switches are not suitable for use as service entrance equipment in Canada; use heavy duty safety switches.

¹ Type 1 enclosure switches: available factory reversed for bottom feed. For 200 ampere devices, add "B" suffix. For 400-600 ampere devices, add "BL" suffix. Handle will be on the left side.


² When specifications permit only Class R fuses, these kits may be installed in the switch to deter fuses other than Class R from being installed.

Heavy duty safety switches

NEMA types 1 and 3R - 240Vac - fusible

	Amperage rating	NEMA Type 1 indoor	NEMA Type 3R outdoor	Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class T fuse kit	Class R fuse rejection kit ⁸	Ordering code	
										Auxiliary contact kits	
										SPDT	DPDT
2 pole / 3 wire											
	30	TH3221 ⁷	TH3221R ¹	TGL1	Factory installed	H, K, and R	Move load-block	-	TRK12B	THAUX61S	THAUX21D
	60	TH3222 ^{1.7}	TH3222R ¹					-	TRK22A	-	THAUX64D
	100	TH3223 ^{1.7}	TH3223R ^{1.7}	TNG3				-	TRK46A	-	
	200	TH3224 ^{1.2,3.7}	TH3224R ^{1.3.7}					-		-	
	400	THF3225A1 ^{1.2,3.7}	THF3225AR ^{1.3.7}	TGL6			THT5A	TRK56A	-	THAUX66D	
	600	THF3226A1 ^{1.2,3}	THF3226AR ^{1.3}			THJ6	THT6A	TRK66A			
	800	TC72267 ^{4.6}	TC72267R ^{4.6}	5	TNI67	L	-	-	-	-	-
	1200 ⁹	TC72268 ^{4.6}	TC72268R ^{4.6}	5	TNI68A		-	-	-	-	-
3 pole / 3 wire											
	400	THF3325A1 ^{1.2.7}	THF3325AR ^{1.7}	TGL6	TNI65 or TNI65A750	H, K, and R	Move load-block	THT5A	TRK56A	-	THAUX66DA
	600	THF3326A1 ^{1.2}	THF3326AR ¹		TNI66		THJ6	THT6A	TRK66A	-	
3 pole / 4 wire											
	30	TH4321 ¹	TH4321R ¹	TGL1	Factory installed	H, K, and R	Move load-block	-	TRK12B	THAUX61S	THAUX21D
	60	TH4322 ¹	TH4322R ¹					-	TRK22A	-	THAUX64D
	100	TH4323 ^{1.7}	TH4323R ^{1.7}	TNG3				-	TRK46A	-	
	200	TH4324 ^{1.2,3.7}	TH4324R ^{1.3.7}								
	400	THF4325A1 ^{1.2,3.7}	THF4325AR ^{1.3.7}	TGL6			THT5A	TRK56A	-	THAUX66DA	
	600	THF4326A1 ^{1.2,3}	THF4326AR ^{1.3}			THJ6	THT6A	TRK66A			

NEMA types 1 and 3R - 240Vac - non-fusible

	Amperage rating	NEMA Type 1 indoor	NEMA Type 3R outdoor	Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class T fuse kit	Class R fuse rejection kit ⁸	Ordering code		
										Auxiliary contact kits		
										SPDT	DPDT	
3 pole / 3 wire / 240Vac												
	30	THN3321	-	TGL1	TNI21	-	-	-	-	-	THAUX61S	THAUX21D

¹ Available with viewing window, add "VW" suffix.

² Type 1 enclosure: 200-600 ampere devices available factory reversed for bottom feed. Add "B" suffix. Handle will be on the left side. For 400-600 ampere devices, add "BL" suffix. Handle will be on the left side.

³ For switches CSA Certified for service entrance, add "C" suffix. Will include solid neutral. For 400-600 A, add "CN" suffix. Will include solid neutral.

⁴ For switches suitable for service entrance applications in Canada, order TH3267C, TH3267R, TH3267RC, TH3268C, or TH3268RC.

⁵ Neutral kit is groundable and bondable.

⁶ Rated 600 Vac only. Accepts Class L fuses only. Type HD electrical performance does not apply.






⁷ Switches may be adapted to accept Class J fuses without a kit by moving the load-block toward the switch base and remounting.

⁸ When specifications permit only Class R fuses, these kits may be installed in the switch to deter fuses other than Class R from being installed.


⁹ May require additional provisions when 1200A fuses are used to meet NEC 240.67 2017 or later.

Heavy duty safety switches

NEMA types 1 and 3R - 600Vac - fusible

	Amperage rating	NEMA Type 1 indoor	NEMA Type 3R outdoor	Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class T fuse kit	Ordering code			Auxiliary contact kits							
									Class R fuse rejection kit	SPDT	DPDT								
2 pole / 2 wire																			
	800	TC72267 ¹	TC72267R ¹	8	TNI67	L	-	-	-	-	-	-	-						
	1200	TC72268 ^{1,6}	TC72268R ^{1,6}	8	TNI68A		-	-	-	-	-	-	-						
2-pole / 3-wire cUL listed for service entrance																			
	800	TH3267C ¹	TH3267RC ¹	8	Factory installed	L	-	-	-	-	-	-	-						
	1200	TH3268C ^{1,6}	TH3268RC ^{1,6}	8			-	-	-	-	-	-	-						
3 pole / 3 wire																			
	30	TH3361 ^{4,9}	TH3361R ^{4,9}	TGL1	TNI62	H, K, and R	Move load-block ⁹		TRK16B	THAUX61S	THAUX21D								
			TH3361RF ^{3,9}																
	60	TH3362 ^{4,9}	TH3362R ^{4,9}	TNG3	TNI63														
			TH3362RF ^{3,9}																
	100	TH3363 ^{4,9}	TH3363R ^{4,9}		TNI64														
	200	TH3364 ^{2,4,9}	TH3364R ^{4,9}		TNI65 or TNI65A750														
	400	THF3365A1 ^{2,4,9}	THF3365AR ^{4,9}	TGL6	TNI66														
	600	THF3366A1 ^{2,4}	THF3366AR ⁴																
800	TC72367 ¹	TH72367R	8	TNI67	L	-	-	-	-	-	-	-							
1200	TC72368 ^{1,6}	TC72368R ⁶	8	TNI68A		-	-	-	-	-	-	-							
3 pole / 4 wire																			
	30	TH4361 ^{4,9}	TH4361R ^{4,9}	TGL1	Factory installed	H, K, and R	Move load-block ⁹		TRK16B	THAUX61S	THAUX21D								
	60	TH4362 ^{4,9}	TH4362R ^{4,9}	TNG3															
	100	TH4363 ^{4,9}	TH4363R ^{4,9}																
	200	TH4364 ^{4,9}	TH4364R ^{4,9}																
3 pole / 4 wire / CSA Certified for service entrance																			
	200	TH4364C ^{4,9}	TH4364RC ^{4,9}	TNG3	Factory installed	H, K, and R	Move load-block ⁹		TRK46A	THAUX61S	THAUX21D								
	400	THF4365ARCN ^{4,9}	THF4365ARCN ^{4,9}	TGL6															
	600	THF4366A1CN ⁴	THF4366ARCN ⁴																
	800	TH4367C	TH4367RC	8															
	1200	TH4368C	TH4368RC	8															





NEMA types 1 and 3R - 600Vac - non-fusible

	Amperage rating	NEMA Type 1 indoor	NEMA Type 3R outdoor	Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class T fuse kit	Ordering code			Auxiliary contact kits									
									Class R fuse rejection kit ⁷	SPDT	DPDT										
3 pole / 3 wire																					
	30	THN3361 ⁴	THN3361R ⁴	TGL1	TNI62	-	-	-	-	-	-	THAUX61S	THAUX21D								
			THN3361RF ³																		
			THN3361RF ^{2,3}																		
	60	THN3362 ⁴	THN3362R ⁴	TNG3	TNI63																
			THN3362RF ³																		
	100	THN3363 ⁴	THN3363R ⁴		TNI64																
	200	THN3364 ^{2,4}	THN3364R ⁴		TNI65 or THI65A750																
	400	THN3365A1 ^{2,4}	THN3365AR ⁴	TGL6	TNI66																
600	THN3366A1 ^{2,4}	THN3366AR ⁴																			
800	TC36367	-	8	-																	
1200	TC36368 ⁶	-	8	-																	


¹ Rated 600 Vac only. Accepts Class L fuses only. Type HD electrical performance does not apply.
² Type 1 enclosure: 200-600 ampere devices available factory reversed for bottom feed, add "B" suffix. Handle will be on the left side. For 400-600 ampere devices, add "BL" suffix. Handle will be on the left side.
³ Farm switch - oversized Type 3R enclosure with vertical hinge and gasket.
⁴ Available with viewing window, add "VW" suffix.
⁶ Suitable for use as service entrance equipment except on 1200 ampere solidly grounded wye systems per NEC 230.95.
⁸ Neutral kit is groundable and bondable.
⁹ Switches may be adapted to accept Class J fuses without a kit by moving the load-block toward the switch base and remounting.

Heavy duty safety switches

NEMA types 4X, 5/12 - 240Vac - fusible

	Amperage rating	NEMA Type 4X stainless steel	NEMA Type 5/12	Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class T fuse kit	Class R fuse rejection kit ³	Ordering code	
										Auxiliary contact kits	
										SPDT	DPDT
2 pole / 2 wire											
	30	TH2221SS ¹	TH2221J ¹	Factory installed	TNIJ61	H, J, and R	-	-	TRK12B	THAUX61S	THAUX21D
	60	TH2222SS ¹	TH2222J ¹		TNIJ62		-	-	TRK22A	-	THAUX64D
2 pole / 3 wire											
	30	TH3221SS ¹	TH3221J ¹	Factory installed	Factory installed	H, J, and R	-	-	TRK12B	THAUX61S	THAUX21D
	60	TH3222SS ¹	TH3222J ¹				-	-	TRK22A	-	THAUX64D
	100	TH3223SS ¹	TH3223J ¹				Move load-block ²	-	TPBRK36A	-	
	200	TH3224SS ¹	TH3224J ¹					-	TRK46A	-	
	400	THF3225AS ^{1,4}	THF3225AJ					-	THT5A	TRK56A	-
	600	THF3226AS ^{1,4}	THF3226AJ				-	THJ6	THT6A	TRK66A	-
3 pole / 3 wire											
	30	TH3321SS ¹	TH3321J ¹	Factory installed	TNIJ61	H, J, and R	-	-	TRK12B	THAUX61S	THAUX21D
	60	TH3322SS ¹	TH3322J ¹		TNIJ62		-	-	TRK22A	-	THAUX64D
3 pole / 4 wire											
	30	TH4321SS ¹	TH4321J ¹	Factory installed	Factory installed	H, J, and R	-	-	TRK12B	THAUX61S	THAUX21D
	60	TH4322SS ¹	TH4322J ¹				-	-	TRK22A	-	THAUX64D
	100	TH4323SS ¹	TH4323J ¹				Move load-block ²	-	TPBRK36A	-	
	200	TH4324SS ¹	TH4324J ¹					-	TRK46A	-	
	400	THF4325AS ^{1,4}	THF4325AJ ¹					-	THT5A	TRK56A	-
	600	THF4326AS ^{1,4}	THF4326AJ ¹				-	THJ6	THT6A	TRK66A	-

NEMA types 4X, 5/12 mill duty - 240Vac - fusible

	Amperage rating	NEMA Type 4X stainless steel	NEMA Type 5/12	Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class R fuse rejection kit ³	Ordering code		
									Auxiliary contact kits		
									SPDT	DPDT	
2 pole / 3 wire											
	400	TH3325MSS	TH3325M	-	TNIJ66	H, K, and R	Move load-block ²	TRK56A	-	THAUX66D	
	600	TH3326MSS	TH3326M	-			THJ6	TRK66A	-		

¹ Available with viewing window by adding "VW" suffix. Available in NEMA 4X enclosure grade 316 stainless steel, For 30-200 A, add "316" suffix.

For 400-600 A, remove "AS" and add "AX" suffix.

² Switches may be adapted to accept Class J fuses without a kit by moving the load-block toward the switch base and remounting.

³ When specifications permit only Class R fuses, these kits may be installed in the switch to deter fuses other than Class R from being installed.

⁴ Available in NEMA 4X enclosure grade 316 stainless steel, For 30-200A add "316" Suffix. For 400-600A remove "AS" and add "AX" suffix.

Heavy duty safety switches

NEMA types 4X and 5/12 - 600Vac - fusible

	Amperage rating	NEMA Type 4X stainless steel	NEMA Type 5/12 Indoor	Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class R fuse rejection kit ⁵	Ordering code		Auxiliary contact kits	
									SPDT	DPDT		
3 pole / 3 wire												
	30	TH3361SS ^{1,2}	TH3361J ^{1,6}	Factory installed	TNIJ61	H, K, J and R	Move load-block ⁴	TRK16SA	THAUX61S	THAUX21D		
	60	TH3362SS ^{1,2}	TH3362J ^{1,6}		TNIJ62			TRK26A	-	THAUX64D		
	100	TH3363SS ^{1,2}	TH3363J ^{1,6}		TNIJ63			TPBRK36A	-	-		
	200	TH3364SS ^{1,2}	TH3364J ^{1,6}		TNIJ64			TRK46A	-	-		
	400	THF3365AS ^{1,2}	THF3365AJ ⁶	-	TNIJ66 or TNIJ65A750	TRK56A	-	THAUX66DA				
	600	THF3366AS ^{1,2}	THF3366AJ ⁶	-	TNIJ66	THJ6	TRK66A	-	-			

NEMA types 4X and 5/12 - 600Vac - non-fusible

	Amperage rating	NEMA Type 4X stainless steel	NEMA Type 5/12 Indoor	Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class R fuse rejection kit ⁵	Ordering code		Auxiliary contact kits	
									SPDT	DPDT		
3 pole / 3 wire												
	30	THN3361SS ^{1,2,3}	THN3361J ^{1,3}	Factory installed	TNIJ61	-	-	-	THAUX61S	THAUX21D		
	60	THN3362SS ^{1,2,3}	THN3362J ^{1,3}		TNIJA62	-	-	-	-	THAUX64D		
	100	THN3363SS ^{1,2}	THN3363J ^{1,3}		TNIJ63	-	-	-	-	-		
	200	THN3364SS ^{1,2,3}	THN3364J ^{1,3}		TNIJ64	-	-	-	-	-		
	400	THN3365AS ^{1,2}	THN3365AJ ⁶	-	TNIH66 or TNIJ65A750	-	-	-	-	THAUX66DA		
	600	THN3366AS ^{1,2}	THN3366AJ ⁶	-	TNIJ66	-	-	-	-	-		

NEMA types 4X, 5/12 mill duty - can be opened with a gloved hand

	Amperage rating	NEMA Type 4X stainless steel	NEMA Type 5/12 Indoor	Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class R fuse rejection kit ²	Ordering code		Auxiliary contact kits	
									SPDT	DPDT		
Fusible / 3 pole / 3 wire / 600Vac												
	400	TH3365MSS	TH3365M	-	TNIJ66	H, J, and R	Move load-block ⁴	TRK56A	-	-	THAUX66D	
	600	TH3366MSS	TH3366M	-	-	-	THJ6	TRK66A	-	-	-	
Non-fusible / 3 pole / 3 wire / 600Vac												
	400	THN3365MSS	THN3365M	-	TNIJ66	-	-	-	-	-	THAUX66D	
	600	THN3366MSS	THN3366M	-	-	-	-	-	-	-	-	

¹ Available with viewing window, add "VW" suffix.

² Available in NEMA 4X enclosure grade 316 stainless steel, add "316" suffix. For 400–600 A, remove "AS" and add "AX" suffix.

³ Available with field installable copper lug kit (line, load, ground)



⁴ Switches may be adapted to accept Class J fuses without a kit by moving the load-block toward the switch base and remounting.

⁵ When specifications permit only Class R fuses, these kits may be installed in the switch to deter fuses other than Class R from being installed.



⁶ For NEMA Type 3R, 5, and 12 combination add an R suffix. For 400–600 A, remove "AJ" suffix "AD."

Heavy duty safety switches



DC rated NEMA type 1 and 3R - 600Vdc

	Amperage rating	Ordering code								Auxiliary contact kits	
		NEMA Type 1 indoor	NEMA Type 3R outdoor	Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class R fuse rejection kit ¹	SPDT	DPDT	
Fusible / 2 pole / 2 wire											
	30	TH2261DC ²	TH2261RDC ²	TGL1	TNI62	H, J, and R	Move load-block ³	TRK16B	THAUX61S	THAUX64D	
	60	TH2262DC ²	TH2262RDC ²		TNIA62			TRK26A	-		
	100	TH2263DC ²	TH2263RDC ²	TNG3	TNIA63			TRK46A	-		
Non-fusible / 2 pole / 2 wire											
	30	THN2261DC ²	THN2261RDC ²	TGL1	TNI62	-	-	-	THAUX61S	THAUX64D	
	60	THN2262DC ²	THN2262RDC ²		TNIA62	-	-	-	-		
	100	THN2263DC ²	THN2263RDC ²	TNG3	TNIA63	-	-	-	-		

DC rated NEMA type 4X and 5/12 - 600Vdc

	Amperage rating	Ordering code								Auxiliary contact kits	
		NEMA Type 4X stainless steel	NEMA Type 5/12 indoor	Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class R fuse rejection kit ¹	SPDT	DPDT	
Fusible / 2 pole / 2 wire											
	30	TH2261SSDC ²	TH2261JDC ²	Factory installed	TNIJ61	H, K, J and R	Move load-block ³	TRK16B	THAUX61S	THAUX64D	
	60	TH2262SSDC ²	TH2262JDC ²		TNIJ62			TRK26A	-		
	100	TH2263SSDC ²	TH2263JDC ²	TNI63	H, K, J and R			TPBRK36A	-		
Non-fusible / 2 pole / 2 wire											
	30	THN2261SSDC ²	THN2261JDC ²	Factory installed	TNIJ61	-	-	-	THAUX61S	THAUX64D	
	60	THN2262SSDC ²	THN2262JDC ²		TNIJA62	-	-	-	-		
	100	THN2263SSDC ²	THN2263JDC ²	TNIJ63	-	-	-	-			

Interlocked receptacle switches

	Amperage rating	Ordering code										Auxiliary contact kits
		NEMA Type 1 indoor	NEMA Type 4X stainless steel	Receptable	Mating	Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class R fuse rejection kit	DPDT	
Fusible / 3 pole / 3 wire / 600Vac												
	60	TH3362JCH ⁴	TH3362JCHSS ⁴	Crouse Hinds	Arktite# APJ6485	Factory installed	TNIJ62	H, K, J and R	Move load-block	TRK26A	THAUX64D	
Non-fusible / 3 pole / 3 wire / 600Vac												
	60	THN3362JCH ⁴	THN3362JCHSS ⁴	Crouse Hinds	Arktite# APJ6485	Factory installed	TNIJA62	-	-	-	THAUX64D	

¹ When specifications permit only Class R fuses, these kits may be installed in the switch to deter fuses other than Class R from being installed.

² Available with viewing window, add "VW" suffix.

³ Switches may be adapted to accept Class J fuses without a kit by moving the load-block toward the switch base and remounting.

⁴ For horsepower ratings, see switch without "CH" suffix in publication DET845 or specification sheets found on <https://empower.abb.com>

Heavy duty safety switches - Smart switch



Heavy duty smart safety switch

NEMA type 3R - 600Vac, 600Vdc

	Amperage rating	NEMA Type 3R indoor/outdoor	Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class R fuse rejection kit	Ordering code		Auxiliary contact kits	
								SPDT	DPDT		
Fusible / 3 pole / 4 wire											
	200	TH4364RVWD1	TNG3	Factory Installed	H, K, and R	Move load-block ¹	-	-	-	-	THAUX64D
Non-fusible / 3 pole / 3 wire											
	200	THN3364RVWD1	TNG3	TNIA64	-	-	-	-	-	-	THAUX64D

¹Switches may be adapted to accept Class J fuses without a kit by moving the load-block toward the switch base and remounting.

BABA products and solutions

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BABA products and solutions

Build America, Buy America Act

¹ 2 CFR 184.2(a) states the guidance “does not apply to a Buy America Preference meeting or exceeding the requirements” within the Office of Management and Budget guidance. As an example, the Federal Transit Administration’s manufactured product standard is not affected by 2 CFR 184 because it exceeds those requirements.

What does it mean to comply with BABA?

The Build America, Buy America Act (BABA) was enacted as part of the Infrastructure Investment and Jobs Act on November 15, 2021 (Pub. L. 117-58). Its primary objective is to establish a minimum domestic content procurement preference for all federally financial assisted United States infrastructure projects utilizing funds obligated after May 14, 2022.

The BABA is implemented at 2 CFR Part 184 and requires all of the iron, steel, construction materials and manufactured products incorporated into the project are produced in the United States.

Manufactured products must be manufactured in the United States, and the cost of the components of the manufactured product that are mined, produced or manufactured in the United States is greater than 55% of the total cost of all components of the manufactured product, unless another standard that meets or exceeds this standard has been established under applicable law or regulation for determining the minimum amount of domestic content of the manufactured product.¹ Therefore, suppliers and contractors are cautioned to identify agency-specific requirements that may differ from BABA.

ABB manufactures BABA-compliant manufactured products, and components manufactured in the United States, from select locations on the map. Products listed on the following pages have eligible options for BABA certificates of compliance as a United States manufactured product or component.

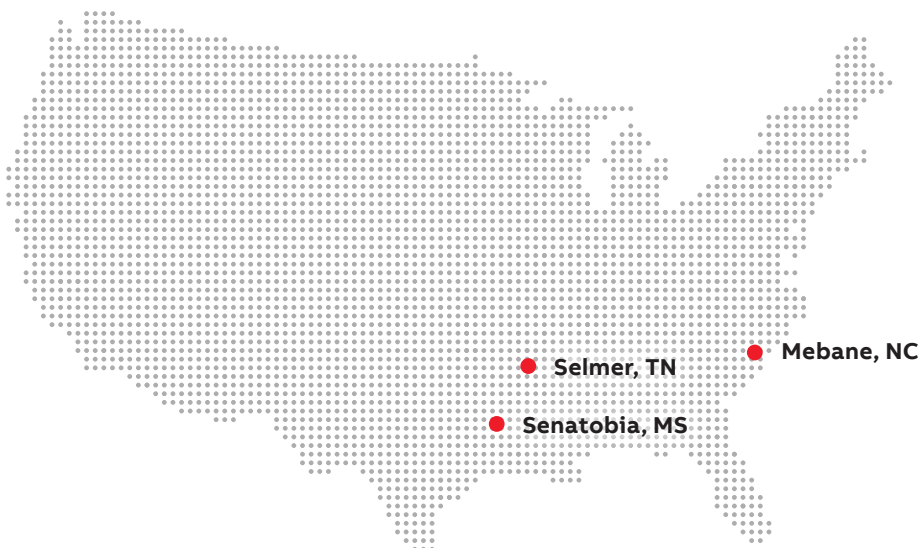
BABA applications

Public infrastructure projects in the United States, which include, at a minimum:

- Government structures and equipment for roads, highways and bridges
- Transportation and airports
- Electrical transmission facilities and utilities
- Broadband infrastructure
- Electric vehicle (EV) charging

Benefits of BABA with ABB

- Bid on government-funded projects in the U.S.
- Access to government agency grants
- Certified BABA compliance, providing peace of mind
- Localized supply chain, reducing delays
- Supports US-based manufacturing
- Boosts local economic resilience

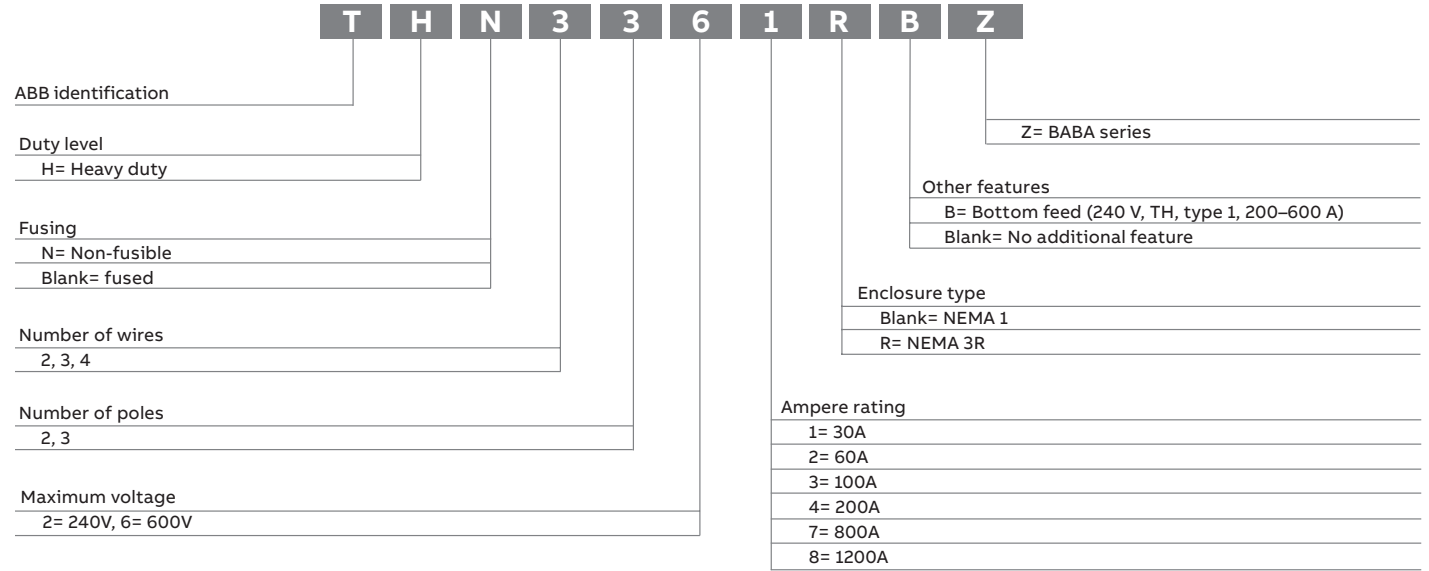


 Arecibo, PR

BABA products and solutions

Heavy duty safety switches

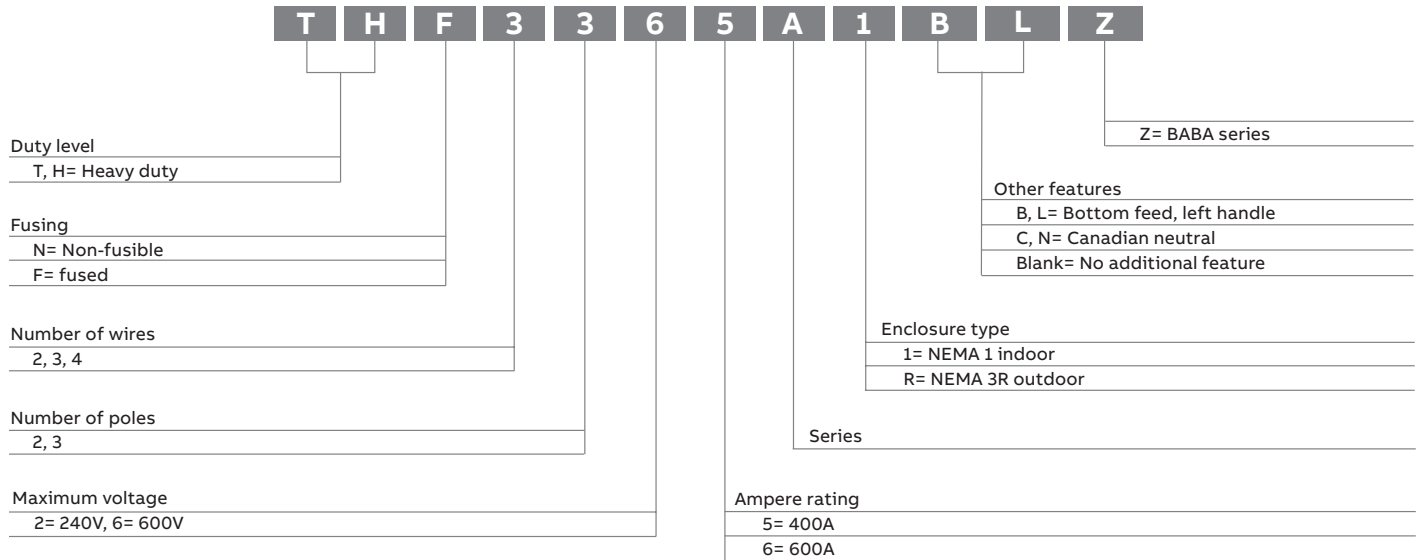
Ordering code construction - 30–200 A, 800–1200 A



BABA products and solutions

Heavy duty safety switches

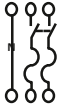
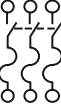
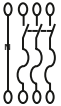
Ordering code construction - 400-600 A




BABA products and solutions

Heavy duty 240 V

Heavy duty safety switches — 240 V AC — fusible

	Amperage rating	NEMA type 1 indoor	NEMA type 3R outdoor	Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class T fuse kit	Class R fuse rejection kit	Ordering code		Auxiliary contact kits	
										SPDT	DPDT		
2-pole / 3-wire													
	30	TH3221Z ⁴	TH3221RZ ⁴	TGL1Z	Factory installed	H, K and R	Move load - block ⁴	-	TRK12BZ	THAUX61SZ	THAUX21DZ		
	60	TH3222Z ⁴	TH3222RZ ⁴					-	TRK22AZ	-	THAUX64DZ		
	100	TH3223Z ⁴	TH3223RZ ⁴	TNG3Z	-	TRK46AZ	-						
	200	TH3224Z ^{1,4}	TH3224RZ ^{3,4}		-		-						
	400	THF3225A1Z ^{1,4}	THF3225ARZ ⁴	TGL6Z		THT5AZ	TRK56AZ	-	THAUX66DAZ				
	600	THF3226A1Z ¹	THF3226ARZ ²		THJ6Z	THT6AZ	TRK66AZ	-					
3-pole / 3-wire													
	400	THF3325A1Z ⁴	THF3325ARZ ⁴	TGL6Z	TNI65Z or TNI64A750Z	H, K and R	Move load - block ⁴	THT5AZ	TRK56AZ	-	THAUX66DAZ		
	600	THF3326A1Z ⁴	THF3326ARZ		TNI66Z		THJ6Z	THT6AZ	TRK66AZ	-			
3-pole / 4-wire													
	30	TH4321Z ⁴	TH4321RZ ⁴	TGL1Z	Factory Installed	H, K and R	Move load - block ⁴	-	TRK12BZ	THAUX61SZ	THAUX21DZ		
	60	TH4322Z ⁴	TH4322RZ ⁴					-	TRK22AZ	-	THAUX64DZ		
	100	TH4323Z ⁴	TH4323RZ ⁴	TGN3Z	-	TRK46AZ	-						
	200	TH4324Z ^{1,4}	TH4324RZ ⁴		-		-						
	400	THF4325A1Z ^{1,4}	THF4325ARZ ⁴	TGL6Z		THT5AZ	TRK56AZ	-	THAUX66DAZ				
	600	THF4326A1Z ¹	THF4326ARZ ^{2,4}		THJ6Z	THT6AZ	TRK66AZ	-					

Heavy duty safety switches — 240 V AC — non-fusible (see 600 V AC for complete offering)

	Amperage rating	NEMA type 1 indoor	NEMA type 3R outdoor	Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class T fuse kit	Class R fuse rejection kit	Ordering code		Auxiliary contact kits		
										SPDT	DPDT			
Non-fusible, 240 V AC / 3-pole / 3-wire														
	30	THN3321Z ⁴	-	TGL1Z	TNI21Z	-	-	-	-	-	THAUX61SZ	THAUX21DZ		

¹ Type 1 enclosure: 200 ampere devices available factory reversed for bottom feed. For 200 ampere devices, add "B" suffix. For 400–600 ampere devices, add "BL" suffix. Handle will be on the left side.

³ For switches suitable for service entrance applications in Canada, order TH3267C, TH3267RC, TH3268C or TH3268RC.



⁴ Switches may be adapted to accept Class J fuses without a kit by moving the load-block toward the switch base and remounting.

⁵ May require additional provisions when 1200 A fuses are used to meet NEC 240.67 2017 or later.


BABA products and solutions

Heavy duty 600 V

Heavy duty safety switches — 600 V AC — fusible

	Amperage rating	NEMA type 1 indoor	NEMA type 3R outdoor	Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class T fuse kit	Class R fuse rejection kit	Ordering code		Auxiliary contact kits	
										SPDT	DPDT		
3-pole / 3-wire													
	30	TH3361Z ⁵	TH3361RZ ⁵	TGL1Z	TNI62Z	H, R and R	Move load-block ⁴		TRK16Z	THAUX61SZ	THAUX21DZ		
	60	TH3362Z ⁵	TH3362RZ ⁵		TNIA62Z				TRK26AZ	-	THAUX64DZ		
	100	TH3363Z ⁵	TH3363RZ ⁵	TNG3Z	TNIA63Z				TRK46AZ	-			
	200	TH3364Z ¹	TH3364RZ		TNIA64Z					-			
	400	THF3365A1Z ¹	THF3365ARZ	TGL6Z	TNI65Z or TNI65A750Z				TRK56AZ	-	THAUX66DAZ		
	600	THF3366A1Z ¹	THF3366ARZ		TNI66Z		THJ6Z		TRK66AZ	-			
	800	TC72367Z ⁷	TC72367RZ	8	TNI67Z	L	-		-	-	-	-	-
	1200	TC72368Z ⁶	TC72368RZ ⁶	8	TNI68AZ		-		-	-	-	-	-
3-pole / 4-wire													
	30	TH4361Z ⁵	TH4361RZ ⁵	TGL1Z	Factory Installed	H, K and R	Move load-block ⁴	-	TRK16BZ	THAUX61SZ	THAUX21DZ		
	60	TH4362Z ⁵	TH4362RZ ⁵						TRK26AZ	-	THAUX21DZ		
	100	TH4363Z ⁵	TH4363RZ ⁵	TNG3Z					TRK46AZ	-			
	200	TH4364Z ⁵	TH4364RZ ⁵							-			

Heavy duty safety switches – 600 V AC – non-fusible

	Amperage rating	NEMA type 1 indoor	NEMA type 3R outdoor	Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class T fuse kit	Class R fuse rejection kit	Ordering code		Auxiliary contact kits	
										SPDT	DPDT		
3-pole / 3-wire													
	30	THN3361Z ⁴	THN3361RZ	TGL1Z	TNI62Z	-	-	-	-	THAUX61SZ	THAUX21DZ		
	60	THN3362Z ⁴	THN3362RZ		TNIA62Z						THAUX64DZ		
	100	THN3363Z	THN3363RZ	TGN3Z	TNIA63Z								
	200	THN3364Z ¹	THN3364RZ		TNIA64Z								
	400	THN3365A1Z ¹	THN3365ARZ	TGL6Z	TNI65Z or TNI64A750Z						THAUX66DAZ		
	600	THN3366A1Z ¹	THN3366ARZ		TNI66Z								

¹ Type 1 enclosure: 200 ampere devices available factory reversed for bottom feed. For 200 ampere devices, add “B” suffix. For 400–600 ampere devices, add “BL” suffix. Handle will be on the left side.

² For switches 30–200 A, CSA certified for service entrance, add “C” suffix, For 400–600 A, add “CN” suffix. Will include solid neutral.

³ For switches suitable for service entrance applications in Canada, order TH3267C, TH3267RC, TH3268C or TH3268RC.

⁴ Available with field-installable copper lug kit (line, load, ground), “CLZ”

⁵ Switches may be adapted to accept Class J fuses without a kit by moving the load-block toward the switch base and remounting

⁶ May require additional provisions when 1200 A fuses are used to meet NEC 240.67 2017 or later

⁷ Rated 600 V AC only. Accepts Class L fuses only. Type HD electrical performance does not apply

⁸ Neutral kit is groundable and bondable

Double throw fusible and non-fusible

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Double throw safety switches, fusible and non-fusible

NEMA type 1 and 3R - 240Vac - fusible

	Amperage rating	NEMA Type 1 indoor	NEMA Type 3R outdoor	Ground kit	Neutral kit	Standard fuse class	Class R fuse kit	Class T fuse kit	Class J fuse kit	Ordering code		Control pole	Suitable for use as service entrance equipment		
										Auxiliary contact kits					
										1NO/1NC	2NO/2NC				
	3 pole / 3 wire														
	30	TDT3321	TDT3321R	DS100GK	DT100NK	H	DS12FK	-	-	DS200EK1	DS200EK2	DS16CP	with DT100NK		
	60	TDT3322	TDT3322R				DS16FK	-	-						
	100	TDT3323	TDT3323R				DS36FK	-	-						
	200	TDT3324	TDT3324R	DS200GK	DT200NK		DS46FK	-	Move load block ²				with DT200NK		
	400	TDT3325	TDT3325R	DS468NK	DS800NK	J	DS56FK	DS526TK ⁵	-				with DS800NK		
	600	TDT3326 ³	TDT3326R ³						L	-	DT626TK ⁵	-			with DT800NK
	800	TDT3327 ³	TDT3327R ³							-	DT726TK ⁵	-			with DS800NK
1200	TDT3328 ³	TDT3328R ³	DT1200NK						-	Move load block ¹	-			with DT1200NK	

NEMA type 1 and 3R - 240Vac - non-fusible

	Amperage rating	NEMA Type 1 indoor	NEMA Type 3R outdoor	Ground kit	Neutral kit	Standard fuse class	Class R fuse kit	Class T fuse kit	Class J fuse kit	Ordering code		Control pole	Suitable for use as service entrance equipment		
										Auxiliary contact kits					
										1NO/1NC	2NO/2NC				
	3 pole / 3 wire														
	30	TC35321	TC35321R	TGL1	TNK100		-	-	-	-		THAUXDT	-	Yes ⁶	
	60	TC35322	TC35322R	TNG3	TNK200								-		
	100	TC35323	TC35323R											-	
	200	TC35324	TC35324R											-	
	400	TDN3325A1	TDN3325AR	-	TNK400								-		
	600	TC35326	-										-	No	
		-	TC35326R	DS468GK	DT600NK						DS200EK1	DS200EK2	DS16CP	with DT600NK	
800	TC35327 ³	TC35327R ³		DT800NK									with DT800NK		
1200	TC35328	TC35328R		DT1200NK									with DT1200NK		

¹ Switches may be adapted to accept Class T fuses without a kit by moving the load-block toward the switch base and remounting.

² Switches may be adapted to accept Class J fuses without a kit by moving the load-block toward the switch base and remounting.

³ Stacked design requiring only one set of fuses.


⁴ Available with factory installed neutral, add "N" suffix. For example: TC35327N. Suitable for use as service entrance equipment with factory installed neutral.

⁵ Kits come with 1 pole; must order 3 kits for one 3 pole switch.

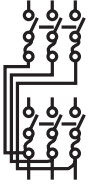
⁶ Not suitable for service entrance in Canada

Double throw safety switches, fusible and non-fusible

NEMA type 1 and 3R - 600Vac - fusible

	Amperage rating	NEMA Type 1 indoor	NEMA Type 3R outdoor	Ground kit	Neutral kit	Standard fuse class	Class R fuse kit	Class T fuse kit	Class J fuse kit	Ordering code			Suitable for use as service entrance equipment			
										Auxiliary contact kits		Control pole				
										1NO/1NC	2NO/2NC					
	3 pole / 3 wire															
	30	TDT3361	TDT3361R	DS100GK	DT100NK	H	DS16FK	-	-	DS200EK1	DS200EK2	DS16CP	with DT100NK			
	60	TDT3362	TDT3362R				DS26FK	-	-							
	100	TDT3363	TDT3363R				DS36FK	-	-							
	200	TDT3364	TDT3364R	DS200GK	DT200NK	T	DS46FK	-	Move load block ²	-	-	-	with DT200NK			
	400	TDT3365	TDT3365R	DS468GK	DS800NK		-	-	DT400JK				-	-	-	with DS800NK
	600	TDT3366 ³	TDT3366R ³				J	-	DT666TK ⁹							-
	800	TDT3367 ³	TDT3367R ³			L	-	DS766TK ⁹	-							
	1200	TDT3368 ^{3,4}	TDT3368R ^{3,4}	-	DT1200NK	-	Move load block ¹	-	-	-	-	with DT1200NK				

NEMA type 1 and 3R - 600Vac - non-fusible

	Amperage rating	NEMA Type 1 indoor	NEMA Type 3R outdoor	Ground kit	Neutral kit	Standard fuse class	Class R fuse kit	Class T fuse kit	Class J fuse kit	Ordering code			Suitable for use as service entrance equipment
										Auxiliary contact kits		Control pole	
										1NO/1NC	2NO/2NC		
	3 pole / 3 wire												
	30	TC35361	TC35361R	DS100GK	DT100NK	-	-	-	-	DS200EK1	DS200EK2	DS16CP	with DT100NK
	60	TC35362	TC35362R	TGL1	TNK100	TNG3	TNK100	-	-	THAUXDT	-	-	Yes ¹⁰
	100	TC35363	TC35363R	TNG3	TNK100					THAUXDT	-	-	Yes ¹⁰
	200	TC35364	TC35364R	TNG3	TNK200					THAUXDT	-	-	Yes ¹⁰
	400	TDN3365A1	TDN3365AR	Factory installed	TNK400	THAUXDT	-	-	Yes				
	600	TC35366 ^{5,6,7}	-	TGL6	-	-	-	-	-	-	-	No	
		-	TC35366R	DS468GK	DT600NK	-	-	-	-	DS200EK1	DS200EK2	DS16CP	with DT600NK
	800	TC35367 ⁸	TC35367R ⁸	-	DT800NK								with DS468GK
		-	-	-	-								with DT800BK
1200	TC35368 ⁴	TC35368R ⁴	-	DT1200NK ¹¹	-	-	-	-	-	-	-	with DS468GK	
												with DT1200NK	

¹ Switches may be adapted to accept Class T fuses without a kit by moving the load-block toward the switch base and remounting.

² Switches may be adapted to accept Class J fuses without a kit by moving the load-block toward the switch base and remounting.

³ Stacked design requiring only one set of fuses.

⁴ Suitable for use as service entrance equipment except on 1200A solidly grounded wye systems per NEC 230.95.

⁵ Not UL, cUL, or CSA Listed.

⁶ Not suitable for use as service entrance equipment per NEC 702.

⁷ No provision for auxiliary contact kit

⁸ Available with factory installed neutral, add "N" suffix. For example: TC35367N. Suitable for use as service entrance equipment with factory installed neutral.

⁹ Kits come with 1 pole; must order 3 kits for one 3 pole switch.

¹⁰ Not in Canada

¹¹ 120/208V ac; 4 wire S/N up to 600V ac; 3 wire with <150V ac to ground 277/480V ac; for continuous industrial process or where the neutral is not solidly grounded or source is intended for a fire pump.

Double throw safety switches, fusible and non-fusible

NEMA type 4X - 600Vac - fusible

	Amperage rating	NEMA Type 4X	Ground kit	Neutral kit	Standard fuse class	Class R fuse kit	Class T fuse kit	Class J fuse kit	Ordering code		Control pole	Suitable for use as service entrance equipment
									Auxiliary contact kits			
									1NO/1NC	2NO/2NC		
3 pole / 3 wire												
	30	TDT3361SS	DS100GK	DT100NK	H, K, and R	DS12FK	-	-	DS200EK1	DS200EK2	DS16CP	with DT100NK
	60	TDT3362SS				DS16FK	-	-				
	100	TDT3363SS				DS36FK	-	-				
	200	TDT3364SS	DS200GK	DT200NK	DS46FK	-	Move load block ¹	with DT200NK				
	400	TDT3365SS	DS468GK	DS800NK	T	-	-	DT400JK	with DS800NK			

NEMA type 4X - 600Vac - non-fusible

	Amperage rating	NEMA Type 4X	Ground kit	Neutral kit	Standard fuse class	Class R fuse kit	Class T fuse kit	Class J fuse kit	Ordering code		Control pole	Suitable for use as service entrance equipment
									Auxiliary contact kits			
									1NO/1NC	2NO/2NC		
3 pole / 3 wire												
	30	TC35361SS	DS100GK	DT100NK	-	-	-	-	DS200EK1	DS200EK2	DS16CP	with DT100NK
	60	TC35362SS										
	100	TC35363SS										
	200	TC35364SS	DS200GK	DT200NK								with DT200NK
	400	TC35365SS	DS468GK	DT400NK								with DT400BK
	600	TC35366SS	DS468GK	DT600NK								with DT600NK
	800	TC35367SS	DS468GK	DT800NK								with DT800NK

¹ Switches may be adapted to accept Class J fuses without a kit by moving the load-block toward the switch base and remounting.

Emergency power transfer switches, type TC

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Emergency power transfer switches, type TC

Product overview

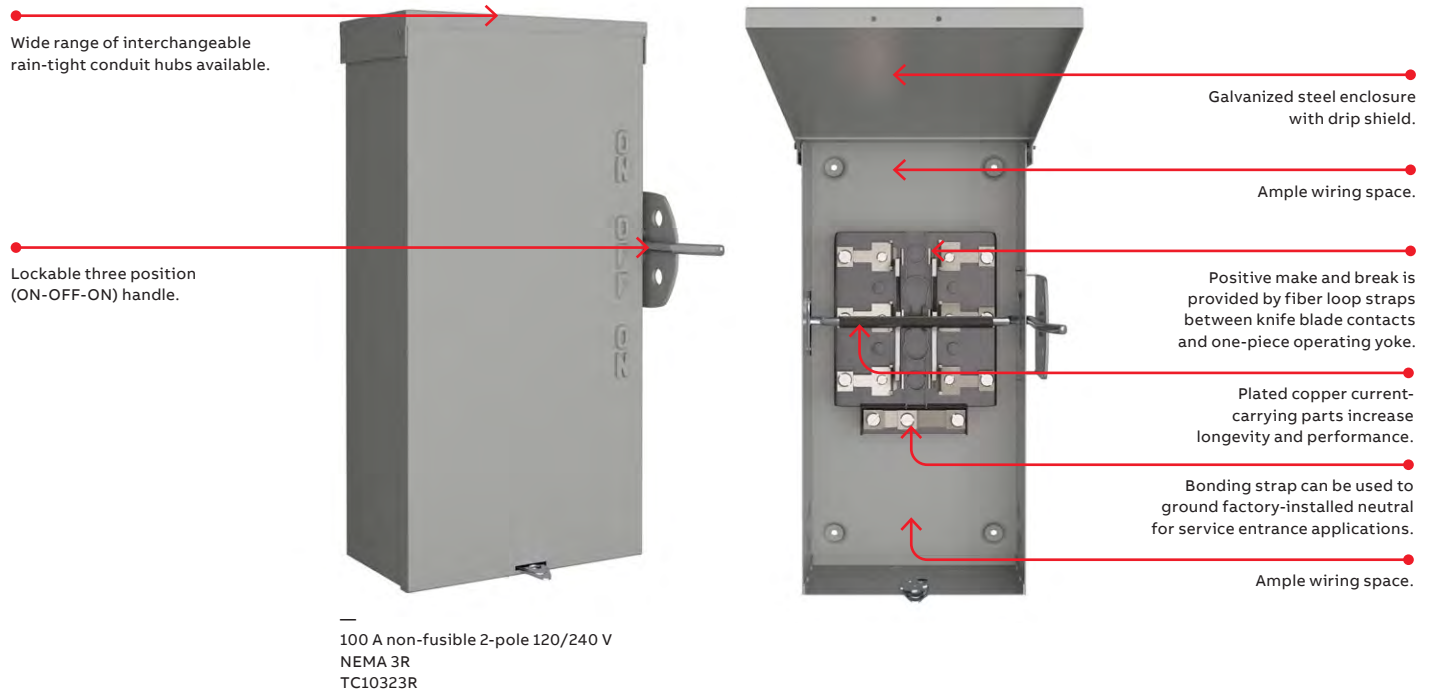


Type TC emergency power transfer switches are specifically designed to permit the connection of power from a standby generator or other emergency source of electricity and are ideally suited for outdoor applications in rural dwellings and farm buildings. They are suitable for use as service entrance equipment when installed in accordance with 2017 NEC for service equipment. Emergency power transfer switches are non-fusible and are available in 100–200 amps for 120/240 V three-wire systems and in 200 amps for 240 V four-wire systems, in NEMA type 3R (outdoor) enclosures. The side-operated handle can be locked in either the ON or OFF position.

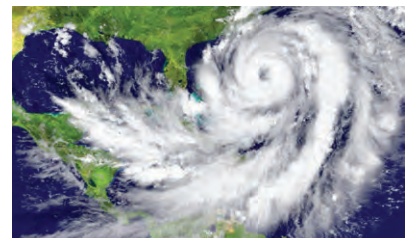
All our emergency power transfer switches carry the following certifications:

- UL listed and cUL listed (UL 98 enclosed switches/CSA C22.2 No. 4-04)
- Federal specification WS-865C
- NEMA enclosed safety switch standard KS1-2013
- Seismic certified

Features



Amperage rating	Wire range AWG/ kcmil Cu/Al	Ordering code NEMA type 3 outdoor
Non-fusible 2-pole 3-wire 120/240 V 50/60 Hz		
100	12–1	TC10323R
200	6–250	TC10324R
Non-fusible 3-pole 4-wire 240 V 50/60 Hz		
200	6–250	TC10424R



Accessories

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Accessories: NEMA type 1 and 3R enclosures

30-600 amperes: TG and TH, 800-1200 amperes: TC (single throw fuse only)



TGL1 equipment ground kit

Equipment ground kits

Ampere rating	Wire range AWG/kcmil copper	Wire range AWG/kcmil aluminum	Ordering code
30A	(4) 14-8, (3) 14-4	(4) 12-8, (3) 6-4	TGL1
60A			
100A			
200A	(3) 10-1/0	(3) 10-1/0	TNG3
400A			
600A	(3) 2-250	(3) 2-250	TGL6



TNG3 equipment ground kit

Neutral kit insulated, groundable and bondable - single throw switches

Ampere rating	System voltage	Fusible/ non-fusible	Wire range AWG/kcmil copper	Wire range AWG/kcmil aluminum	Ordering code
30A	240Vac	Either	14-8	12-8	TNI21
30A	600Vac	Either	12-2	12-2	TNI62 ¹
60A	600Vac	Non-fusible	12-2	12-2	TNI62 ¹
60A	600Vac	Fusible	12-2	12-2	TNIA62
100A	600Vac	Non-fusible	10-1/0	10-1/0	TNI63 ¹
100A	600Vac	Fusible	10-1/0	10-1/0	TNIA63
200A	600Vac	Either	2-250	2-250	TNIA64
400A	240Vac or 600Vac	Either	(1) 4-600 or (2) 1/0-250	(1) 4-600 or (2) 1/0-250	TNI65
400A		Either	(1) 2-750 or (2) 1/0-300	(1) 2-750 or (2) 1/0-300	TN165A750
600A		Either	(2) 4-600	(2) 4-600	TNI66
800A		Fusible	(3) 2-600 or (6) 1/0-250	(3) 2-600 or (6) 1/0-250	TNI67
1200A		Fusible	(4) 3/0-800	(4) 3/0-800	TNI68A

Switching Neutral: Order standard switch of required number of poles and use dummy fuse in neutral pole.
¹Not suitable for type TG switches.



TGL6 equipment ground kit



TNIA64 neutral kit insulated, groundable and bondable

Accessories: NEMA type 1 and 3R enclosures

30-600 amperes: TH



THAUX21D



THAUX61S



THAUX64D



THAUX66D

Auxiliary contact kits - field installed¹

Ampere rating	No. of poles	Contacts	Contact ratings	Ordering code
30A	2	DPDT	10A, 125/250Vac 0.30A, 125Vdc 0.15A, 250Vdc	THAUX21D
	3			
30A	2	SPDT	15A, 600Vac 0.50A, 125Vdc 0.25A, 250Vdc	THAUX61S
	3			
30A 60A 100A 200A	2	DPDT	15A, 600Vac 0.50A, 125Vdc 0.25A, 250Vdc	THAUX64D
	3			
400A 600A	2	DPDT	15A, 600Vac 0.50A, 125Vdc 0.25A, 250Vdc	THAUX66D
	3			
30A 60A 100A	6	DPDT	15A, 600Vac 0.50A, 125Vdc 0.25A, 250Vdc	THAUX66D
200A	6	DPDT	15A, 600Vac 0.50A, 125Vdc 0.25A, 250Vdc	THAUX66D2

¹Auxiliary contacts designed to open before switch blades. UL Listed for field installation. Only used for heavy duty and double throw switches

Contact pilot duty ratings - 600 volt kits

Inrush current			AC		DC (Resistive)	
Volts	N.C.	N.O.	Break Normal Current	Volts	Break Normal Current	
115	30	15	15	125	0.5	
230	30	15	25	0.25	-	
460	30	15	15	-	-	
575	15	15	2	-	-	

Semidust-tight door gasket kits - field installed

Description	Ampere rating	Ordering code
Types TH Indoor, TG and TH Outdoor Switches	30A	THG106
	60A	
	100A	
	200A	
		THG107

Accessories: NEMA type 4/4X, 12 and mill duty enclosures

30-600 amperes: TH

Lug wire sizes

Equipment Ground Terminals are factory installed—Two lugs supplied per switch, provision for one additional lug.

Factory installed			Field installed crimp lugs		
Switch ampere rating	Copper	Aluminum	Copper	Aluminum	
30A	14-6	14-6	14-8	–	
60A	14-6	14-6	14-8	–	
100A	14-4	14-4	8	6	
200A	14-4	14-4	6	4	
400A	14-1/0	14-1/0	3-2	1	
600A	14-2/0	14-2/0	1	2/0	

Auxiliary contact kits

Auxiliary contacts designed to open before switch blades. UL Listed for field installation. Ordering code listed is for field installed kit.

For Auxiliary Contact Kits, see page 4-33.

Optional copper lug neutrals

Ampere rating	Fusible	Lug wire size, AWG/kcmil, Cu Only	Ordering code
30A-60A	No	14-2	TNIJA62CL

Optional copper line, load and ground lug kits

Ampere rating	Line/load lug wire size (Qty 6 provided) AWG/kcmil, CU only	Ground lug wire size (Qty 2 provided) AWG/kcmil, CU only	Ordering code
30A	4-14	6-14	THCL30
60A	4-14	6-14	THCL60
100A	1/0-6	6-14	THCL100
200A	250-6	4-14	THCL200

Neutral kit insulated, groundable and bondable

Ampere rating	System voltage (V AC)	Fusible/ non-fusible	Lug wire size AWG/ kcmil factory-installed copper	Lug wire size AWG/kcmil factory-installed aluminum	Lug wire size AWG/kcmil field-installed crimp lugs copper	Lug wire size AWG/ kcmil field-installed crimp lugs aluminum	Ordering code
30	240	Fusible	14-8	12-8	–	–	TNIJ61
30	600	Either	14-8	14-8	14-8	–	TNIJ61
60	600	Fusible	14-2	14-2	8-4	–	TNIJ62
60	600	Non-fusible	14-2	14-2	8-4	–	TNIJA62
100	240 or 600	Either	14-1/0	12-1/0	6-1/0	6-2/0	TNIJ63
200		Either	6-250	6-250	1/0-250	1/0-250	TNIJ64
400-600		Either	(2) 4-600	(2) 4-600	(2) 300-600 or (1) 750	(2) 250-600 or (1) 750	TNIJ66

Accessories

Type TG, TH



When specifications permit only Class R fuses to be used, these kits may be installed in the safety switch to deter fuses other than Class R from being installed.

- 30–60A = Fuse Clips
- 100–200A = Rejection Pins
- One kit required per two pole or three pole switch



Class R fusing kit field installable, general duty, type TG, UL Listed

Series prefix	Ampere rating	Enclosure type	Ordering code
TG	30A	NEMA Type 1, 3R	TGRK12
	60A	NEMA Type 1, 3R	TGRK22
	100A	NEMA Type 1, 3R	TGRK42
	200A	NEMA Type 1, 3R	TGRK42



When specifications permit only Class R fuses to be used, these kits may be installed in the safety switch to deter fuses other than Class R from being installed.

- 30–60A = Fuse Clips
- 100–600A = Rejection Pins
- One kit required per two pole or three pole switch

TGRK22 Class R rejection kit

Class R fusing kit field installable, heavy duty, type TH, UL Listed

Series prefix	Ampere rating	System voltage	Enclosure type	Ordering code
TH	30A	240Vac	NEMA Type 1, 3R, 4/4X, 12	TRK12B
	30A	600Vac	NEMA Type 1, 3R	TRK16B
	30A	600Vac	NEMA Type 4/4X, 12	TRK16SA
	60A	240Vac	NEMA Type 1, 3R, 4/4X, 12	TRK22A
	60A	600Vac	NEMA Type 1, 3R, 4/4X, 12	TRK26A
	100A	240Vac 600Vac	NEMA Type 1, 3R	TRK46A
	100A	240Vac 600Vac	NEMA Type 4/4X, 12	TPBRK36A
	200A	240Vac 600Vac	NEMA Type 1, 3R, 4/4X, 12	TRK46A
	400A	240Vac 600Vac	NEMA Type 1, 3R, 4/4X, 12	TRK56A ¹
	600A	240Vac 600Vac	NEMA Type 1, 3R, 4/4X, 12	TRK66A ¹

¹Also suitable for general duty



TRK46A Class R rejection kit

TH switches, 30-400 amperes, 600 volt and 100-400 amperes, 240 volt, may be adapted to accept Class J fuses without a kit by moving the load-block toward the switch base and remounting.

- One kit required per two pole or three pole switch

Class J fuse field conversion kit, heavy duty, type TH, UL Listed

Series prefix	Ampere rating	System voltage	Ordering code
TH	30-400A	600Vac	Move load-block
	100-400A	240Vac	Move load-block
	600A	240Vac 600Vac	THJ6

Accessories



TC200 universal raintight hub

Universal raintight aluminum hubs
For outdoor enclosures that have removable closing caps.

Nominal conduit diameter (in.)	Ordering code
3/4	TC75
1	TC100
1 1/4	TC125
1 1/2	TC150
2	TC200
2 1/2	TC250



TCCP

Closing cap for universal raintight aluminum hub

Ordering code
TCCP

Replacement red handle grip for HD switch

Ordering code
THGRIP



THRPLHD6 replacement handle

Replacement handles for HD switches

Amps min.	Amps max.	Max. volts	Steel type	Description	Ordering code
30A	30A	240V	Steel	Handle and Pouch	THRPLHDL1
30A	30A	600V	Steel	Handle and Pouch	THRPLHDL2
60A	200A	600V	Steel	Handle and Pouch	THRPLHDL3
30A	200A	600V	Stainless	Handle and Pouch	THRPLHDL4
400A	600A	600V	Steel	Handle and Pouch	THRPLHDL6
400A	600A	600V	Stainless	Handle and Pouch	THRPLHDL7

Line shield replacement and upgrade kits

Line shield kits for 2020 NEC 230.62 service entrance barriers. Clear plastic unless otherwise noted.

Amperage	HD 600 V replacement kit		HD 240 V upgrade kit		GD 240 V upgrade kit	
	Series A ⁴	Ordering code	Series A ⁴	Ordering code	Series A ⁴	Ordering code
30	–	THSHLD1	–	THSHLD0 ^{2,3}	–	THSHLD0 ³
60	–	THSHLD3	–	THSHLD1	–	THSHLD1
100	–	THSHLD3 ¹	–	THSHLD3 ¹	–	THSHLD3
200	–	THSHLD4	–	THSHLD4	–	THSHLD4
400	THSHLD5A	THSHLD6	THSHLD5A	THSHLD6	THSHLD5A	–
600	THSHLD6A	THSHLD6	THSHLD6A	THSHLD6	THSHLD6A	–
800	–	THSHLD8	–	THSHLD8	–	–
1200	–	THSHLD8	–	THSHLD8	–	–

¹Use THSHLD4 for 100 A NEMA 5/12 or NEMA 4X

²Replacement kit only

³Fiberboard shield

⁴Series A products (i.e., TH3365A1)



THSHLD1

Replacement line shield kit for 400A double throw

Amperage	Ordering code
400	THSHLD5DTA ⁵

⁵Series A products (i.e., TDN3325A1)



THSHLD5DTA