

BUYLOG SECTION 4

# Safety Switches





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# Spec-Setter™ safety switches

## Quick selection guide



TG4322

### General duty safety switch short circuit ratings

Maximum System Voltage	Ampere Rating	UL Listed Fusing		Enclosure Type
		Class	Withstand Ratings (rms Sym Amps)	
Fusible				
240 Vac 250 Vdc	30-600	K	10,000	N1 N3R
		H	10,000	
		R <sup>1</sup>	100,000	
Non-Fusible: Fuse withstand ratings apply to non-fused switches when protected by an upstream fuse as listed or with upstream circuit breakers as listed in DET008.				
240 Vac 250 Vdc	30-600	Any other protective device	10,000	N1 N3R
		K upstream	10,000	
		H upstream	10,000	
		R upstream	100,000	



TH3361SS

### Heavy duty safety switch short circuit ratings

Maximum System Voltage	Ampere Rating	UL Listed Fusing		Enclosure Type
		Class	Withstand Ratings (rms Sym Amps)	
Fusible				
600 Vac 600 Vdc	30-1200	H	10,000	N1 N3R N4/4X N5 N12
		R	200,000 <sup>3</sup>	
		J	200,000 <sup>3</sup>	
		L <sup>2</sup>	100,000	
Non-Fusible: Fuse withstand ratings apply to non-fused switches when protected by an upstream fuse as listed or with upstream circuit breakers as listed in DET008.				
600 Vac 600 Vdc	30-1200	Any other protective device <sup>4</sup>	10,000	N1 N3R N4/4X N5 N12
		H upstream	10,000	
		R upstream	200,000	
		J upstream	200,000	
		L upstream	100,000	



TC10323R

### Double throw safety switch short circuit ratings

Maximum System Voltage	Ampere Rating	UL Listed Fusing		Enclosure Type
		Class	Withstand Ratings (rms Sym Amps)	
Fusible				
600 Vac	30-1200	R	100,000	N1 N3R N4X
		J	100,000	
		T	100,000	
		L	100,000	
Non-Fusible: Fuse withstand ratings apply to non-fused switches when protected by an upstream fuse as listed				
600 Vac	30-1200	When protected with fuses	10,000	N1 N3R N4X



TDT3362

<sup>1</sup> Class R fuse is not available for 400A or 600A General Duty switches.

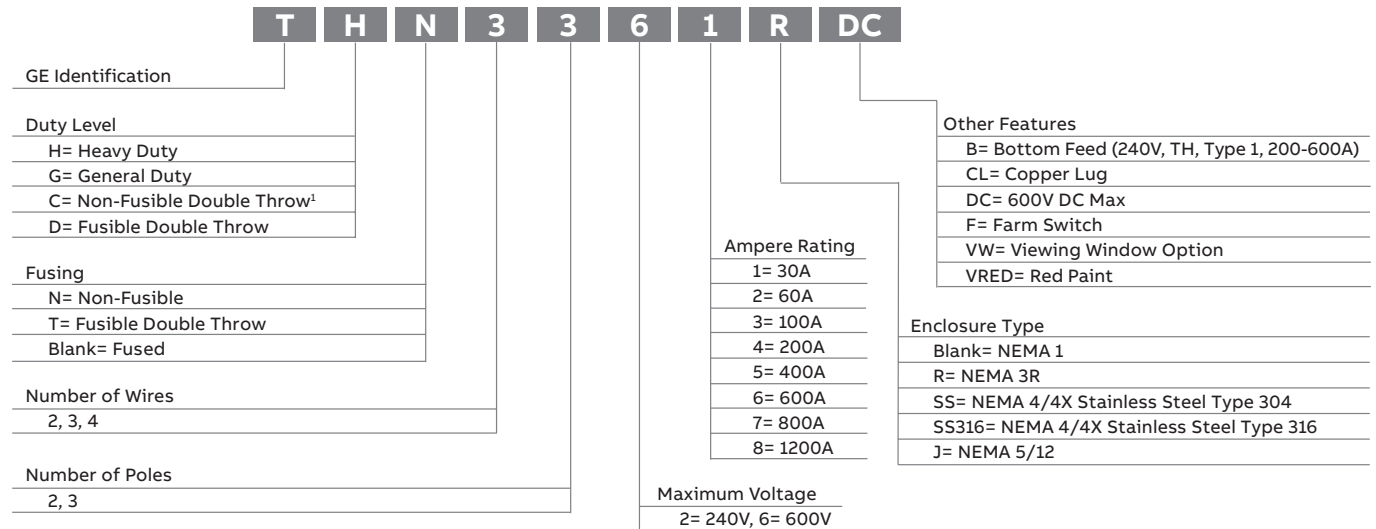
<sup>2</sup> Class L fuses are only applicable when used with 800 and 1200A Type TC safety switches.

<sup>3</sup> Unless otherwise noted on the enclosure

<sup>4</sup> For 800A and 1200A only when protected with upstream fuses

## Spec-Setter™ safety switches

### Quick selection guide



<sup>1</sup> 800A and 1200A non-double throw safety switches also use the C Duty Level nomenclature

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

#### All ABB Spec-Setter safety switches carry the following certifications:

- UL Listed and cUL Listed (UL98 Enclosed Switches/CSA-C22.2 No. 4-04)
- Federal Specification WS-865C
- NEMA Enclosed Safety Switch Standard KS1-2013
- Seismic Certified
- Service Entrance Rated (unless otherwise noted)

#### Horsepower rated

All Spec-Setter safety switches are horsepower rated with the following exceptions:

- 800A single throw type TC switches
- 1200A single and double throw type TC and TDT switches

For specific HP ratings by part number, see DET845 or specification sheets found on <https://empower.abb.com>

#### Product references

Lug wire sizes	page 4-17
Safety switch dimensions, weights, knock out locations, drawings and HP ratings	DET845
Series rating information	DET008
Seismic information	OSP-0320-10

## AC disconnect, NEMA type 3R

30-60 amperes

240 volts AC 50/60 Hz

UL/CUL listed



### Steel disconnects N3R outdoor enclosure

	Amperage Rating	Product Number	HP Rating	Standard Fuse Class	15A GFCI Outlet	Height	Width	Depth	Standard Package	Replacement Puller
Fusible										
	30	TF30R	3	H, K1, K5, K9, RK1, RK5	-	7.5	5.19	2.5	6	TF302A
	60	TF60R	10	H, K1, K5, K9, RK1, RK5	-	9.25	5.19	2.5	6	TF602
Non-Fusible										
	60	TFN60R	10	-	Factory Installed	7.5	5.19	2.5	6	TFN652
	60	TFN60RGFR	10	-	-	7.13	5.5	5.19	6	TFN652
Non-Automatic										
	60	TNA60R1	10	-	Factory Installed	7.5	5.19	2.5	6	-
	60	TNA60RGFR	10	-	-	7.13	5.5	5.19	6	-

### Plastic disconnects N3R outdoor enclosure

	Amperage Rating	Product Number	HP Rating	Standard Fuse Class	Removable Closing cap	Height	Width	Depth	Standard Package	Replacement Puller
Fusible										
	30	TPF30R	3	H, K1, K5, K9, RK1, RK5	Yes	7.0	5.75	3.13	6	TF302A
	60	TPF60R	10	H	Yes	7.0	5.75	3.0	6	TF60
Non-Fusible										
	60	TPN60R	10	-	Yes	8.0	5.0	2.5	6	TFN652
	60	TPN60R1	10	-	No	7.5	5.19	5.19	6	TFN652
Non-Automatic										
	60	TPNA60R1	10	-	No	7.0	5.75	3.13	6	-




## General duty, type TG, NEMA types 1 and 3R

30-600 amperes



240 volts AC, 250 volts DC

50/60 Hz

### General duty safety switches - 240Vac

	Amperage Rating	Product Number		Ground kit	Neutral kit	Standard fuse class	Class R fuse rejection kit <sup>5</sup>
		NEMA Type 1 Indoor	NEMA Type 3R Outdoor				
Fusible / 2 Pole / 3 Wire							
	30	TG3221	TG3221R	TGL1	Factory installed	H, K, and R	TGRK12
	60	TG3222	TG3222R				TGRK22
	100	TG3223	TG3223R	TNG3			TGRK42
	200	TG3224 <sup>1</sup>	TG3224R				
	400	TG3225 <sup>1,2</sup>	TG3225R <sup>2</sup>	TGL6		H and K	-
600	TG3226 <sup>1,2</sup>	TG3226R <sup>2</sup>			-		
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 <sup>1</sup>	TG4324R				
	400	TG4325 <sup>1,2</sup>	4	TGL6		H and K	-
600	TG4326 <sup>1,2</sup>	4			-		
Non-Fusible / 3 Pole / 3 Wire							
	30	TGN3321	TGN3321R	TGL1	-	-	
	60	TGN3322	TGN3322R				TNI21
	100	TGN3323	TGN3323R	3			
	200	TGN3324 <sup>1</sup>	TGN3324R	3			
	400	TGN3325 <sup>1,2</sup>	4	TNIA64			
600	TGN3326 <sup>1,2</sup>	4	TNI65 or TNI65A				
				TGL6	TNI66		

### General duty safety switches - red - 240Vac

	Amperage Rating	Product Number		Ground kit	Neutral kit	Standard fuse class	Class R fuse rejection kit <sup>5</sup>
		NEMA Type 1 Indoor	NEMA Type 3R Outdoor				
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 on page 4-22.

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.

<sup>1</sup> Add "B" suffix for factory reversed bottom feed (e.g. TG3224B.) UL listed. Handle will be on the left side.

<sup>2</sup> Single make-single break mechanism

<sup>3</sup> Not suitable for use as service equipment. Solid neutral not available.

<sup>4</sup> NEMA Type 3R fusible and non-fusible versions, 400-600 ampere rating, available in heavy duty, type TH models. See pages 4-8 through 4-11.

<sup>5</sup> 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, type TH, NEMA types 1 and 3R

30-1200 amperes

240 volts AC, 250 volts DC

50/60 Hz

### Heavy duty safety switches - 240Vac - fusible

	Amperage Rating	Product Number		Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class R fuse rejection kit <sup>8</sup>	Auxiliary contact kits	
		NEMA Type 1 Indoor	NEMA Type 3R Outdoor						SPDT	DPDT
2 Pole / 3 Wire										
	30	TH3221	TH3221R <sup>1</sup>	TGL1	Factory installed	H, K, and R	Move load-block <sup>7</sup>	TRK12B	THAUX61S	THAUX21D
	60	TH3222 <sup>1</sup>	TH3222R <sup>1</sup>	TGL1				TRK22A	-	THAUX64D
	100	TH3223 <sup>1</sup>	TH3223R <sup>1</sup>	TNG3				TRK46A	-	
	200	TH3224 <sup>1,2,3</sup>	TH3224R <sup>1,2,3</sup>	TGL6				TRK56A	-	THAUX66D
	400	TH3225 <sup>2,3</sup>	TH3225R <sup>2,3</sup>	TGL6	THJ6	TRK66A	-			
	600	TH3226 <sup>2,3</sup>	TH3226R <sup>2,3</sup>	TGL6	THJ6	TRK66A	-	-	-	
	800	TC72267 <sup>4,6</sup>	TC72267R <sup>4,6</sup>	5	TNI67	L	-	-	-	-
	1200 <sup>9</sup>	TC72268 <sup>4,6</sup>	TC72268R <sup>4,6</sup>	5	TNI68A	L	-	-	-	-
3 Pole / 3 Wire										
	400	TH3325 <sup>2</sup>	TH3325R	TGL6	TNI65 or TNI65A	H, K, and R	Move load-block <sup>7</sup>	TRK56A	-	THAUX66D
	600	TH3326 <sup>2</sup>	TH3326R	TGL6	TNI66	H, K, and R	THJ6	TRK66A	-	THAUX66D
3 Pole / 4 Wire										
	30	TH4321	TH4321R <sup>1</sup>	TGL1	Factory installed	H, K, and R	Move load-block <sup>7</sup>	TRK12B	THAUX61S	THAUX21D
	60	TH4322 <sup>1</sup>	TH4322R <sup>1</sup>	TGL1				TRK22A	-	THAUX64D
	100	TH4323 <sup>1</sup>	TH4323R <sup>1</sup>	TNG3				TRK46A	-	
	200	TH4324 <sup>1,2,3</sup>	TH4324R <sup>1,3</sup>	TGL6				TRK56A	-	THAUX66D
	400	TH4325 <sup>2,3</sup>	TH4325R <sup>3</sup>	TGL6	THJ6	TRK66A	-			
	600	TH4326 <sup>2,3</sup>	TH4326R <sup>3</sup>	TGL6	THJ6	TRK66A	-	-	-	

### Heavy duty safety switches - 240Vac -non-fusible (see 600Vac for complete offering)

3 Pole / 3 Wire / 240Vac										
	30	THN3321	-	TGL1	TNI21	-	-	-	THAUX61S	THAUX21D

<sup>1</sup> Available with viewing window, add "VW" suffix.

<sup>2</sup> Type 1 enclosure: 200-600 ampere devices available factory reversed for bottom feed. Add "B" suffix. Handle will be on the left side.

<sup>3</sup> For switches CSA Certified for service entrance, add "C" suffix. Will include solid neutral.

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

<sup>5</sup> Neutral kit is groundable and bondable.

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

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

<sup>8</sup> 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.

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







## Heavy duty, type TH, NEMA types 1 and 3R

30-1200 amperes


600 volts AC, 600 volts DC

50/60 Hz

### Heavy duty safety switches - 600Vac - fusible

	Amperage Rating	Product Number					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 <sup>7</sup>	SPDT	DPDT	
<b>2 Pole / 2 Wire</b>											
	800	TC72267 <sup>1,5</sup>	TC72267R <sup>1,5</sup>	8	TNI67	L	-	-	-	-	
	1200	TC72268 <sup>1,5,6</sup>	TC72268R <sup>1,5,6</sup>	8	TNI68A		-	-	-	-	
<b>3 Pole / 3 Wire</b>											
	30	TH3361 <sup>4</sup>	TH3361R <sup>4</sup>	TGL1	TNI62	H, K, and R	Move load-block <sup>9</sup>	TRK16B	THAUX61S	THAUX21D	
			TH3361RF <sup>3</sup>		TNIA62			TRK26A	-	THAUX64D	
	60	TH3362 <sup>4</sup>	TH3362R <sup>4</sup>	TNG3	TNIA63			TRK46A	-		THAUX66D
	100	TH3363 <sup>4</sup>	TH3363R <sup>4</sup>		TNIA64			TRK56A	-		
	200	TH3364 <sup>2,4</sup>	TH3364R <sup>4</sup>	TGL6	TNI65 or TNI65A			THJ6	TRK66A	-	
	400	TH3365 <sup>2</sup>	TH3365R	8	TNI67			-	-	-	
	600	TH3366 <sup>2</sup>	TH3366R		8			TNI68A	-	-	-
	800	TC72367 <sup>1</sup>	TH72367R								
1200	TC72368 <sup>1,6</sup>	TC72368R <sup>6</sup>									
<b>3 Pole / 4 Wire</b>											
	30	TH4361 <sup>4</sup>	TH4361R <sup>4</sup>	TGL1	Factory installed	H, K, and R	Move load-block <sup>9</sup>	TRK16B	THAUX61S	THAUX21D	
	60	TH4362 <sup>4</sup>	TH4362R <sup>4</sup>	TNG3				TRK26A	-	THAUX64D	
	100	TH4363 <sup>4</sup>	TH4363R <sup>4</sup>					TRK46A	-		
	200	TH4364 <sup>4</sup>	TH4364R <sup>4</sup>								
<b>3 Pole / 4 Wire / CSA Certified for service entrance</b>											
	200	TH4364C <sup>4</sup>	TH4364RC <sup>4</sup>	TNG3	Factory installed	H, K, and R	Move load-block <sup>9</sup>	TRK46A	-	THAUX64D	
	400	TH4365C	TH4365RC	TGL6				TRK56A	-	THAUX66D	
	600	TH4366C	TH4366RC	8				THJ6	TRK66A	-	
	800	TH4367C	TH4367RC					-	-	-	-
	1200	TH4368C	TH4368RC	8				-	-	-	-

### Heavy duty safety switches - 600Vac - non-fusible

<b>3 Pole / 3 Wire</b>										
	30	THN3361 <sup>4</sup>	THN3361R <sup>4</sup>	TGL1	TNI62	-	-	-	THAUX61S	THAUX21D
			THN3361RF <sup>3</sup>		TNIA62				-	THAUX64D
	60	THN3362 <sup>4</sup>	THN3362R <sup>4</sup>	TNG3	TNIA63				-	
	100	THN3363 <sup>4</sup>	THN3363R <sup>4</sup>		TNIA64				-	
	200	THN3364 <sup>2,4</sup>	THN3364R <sup>4</sup>	TGL6	TNI65 or TNI65A				-	
	400	THN3365 <sup>2</sup>	THN3365R	8	TNI66				-	
	600	THN3366 <sup>2</sup>	THN3366R		8				-	-
	800	TC36367	-							
1200	TC36368 <sup>6</sup>	-								

<sup>1</sup> Rated 600 Vac only. Accepts Class L fuses only. Type HD electrical performance does not apply.

<sup>2</sup> Type 1 enclosure: 200-600 ampere devices available factory reversed for bottom feed, add "B" suffix. Handle will be on the left side.

<sup>3</sup> Farm switch - oversized Type 3R enclosure with vertical hinge and gasket.

<sup>4</sup> Available with viewing window, add "VW" suffix.

<sup>5</sup> For switches suitable for service entrance applications in Canada, order TH3267C, TH3267RC, TH3268C, and TH3268RC.

<sup>6</sup> Suitable for use as service entrance equipment except on 1200 ampere solidly grounded wye systems per NEC 230.95.

<sup>7</sup> 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.

<sup>8</sup> Neutral kit is groundable and bondable.

<sup>9</sup> 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, type TH, NEMA types 4X, 5, and 12

30-1200 amperes


240 volts AC, 250 volts DC

50/60 Hz

### Heavy duty safety switches - 240Vac - fusible

	Amperage Rating	Product Number		Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class R fuse rejection kit <sup>3</sup>	Auxiliary contact kits	
		NEMA Type 4X Stainless Steel	NEMA Type 5/12						SPDT	DPDT
2 Pole / 2 Wire										
	30	TH2221SS <sup>1</sup>	TH2221J <sup>1</sup>	Factory installed	TNIJ61	H, J, and R	-	TRK12B	THAUX61S	THAUX21D
	60	TH2222SS <sup>1</sup>	TH2222J <sup>1</sup>		TNIJ62		-	TRK22A	-	THAUX64D
2 Pole / 3 Wire										
	30	TH3221SS <sup>1</sup>	TH3221J <sup>1</sup>	Factory installed	Factory installed	H, J, and R	-	TRK12B	THAUX61S	THAUX21D
	60	TH3222SS <sup>1</sup>	TH3222J <sup>1</sup>				-	TRK22A	-	THAUX64D
	100	TH3223SS <sup>1</sup>	TH3223J <sup>1</sup>				Move load-block <sup>2</sup>	TPBRK36A	-	
	200	TH3224SS <sup>1</sup>	TH3224J <sup>1</sup>					TRK46A	-	THAUX66D
	400	TH3225SS	TH3225J				-	TRK56A	-	
	600	TH3226SS	TH3226J				-	THJ6	TRK66A	-
3 Pole / 3 Wire										
	30	TH3321SS <sup>1</sup>	TH3321J <sup>1</sup>	Factory installed	TNIJ61	H, J, and R	-	TRK12B	THAUX61S	THAUX21D
	60	TH3322SS <sup>1</sup>	TH3322J <sup>1</sup>		TNIJ62		-	TRK22A	-	THAUX64D
3 Pole / 4 Wire										
	30	TH4321SS <sup>1</sup>	TH4321J <sup>1</sup>	Factory installed	Factory installed	H, J, and R	-	TRK12B	THAUX61S	THAUX21D
	60	TH4322SS <sup>1</sup>	TH4322J <sup>1</sup>				-	TRK22A	-	THAUX64D
	100	TH4323SS <sup>1</sup>	TH4323J <sup>1</sup>				Move load-block <sup>2</sup>	TPBRK36A	-	
	200	TH4324SS <sup>1</sup>	TH4324J <sup>1</sup>					TRK46A	-	THAUX66D
	400	TH4325SS	TH4325J				-	TRK56A	-	
	600	TH4326SS	TH4326J				-	THJ6	TRK66A	-

### Mill duty safety switches - 240Vac - fusible

	Amperage Rating	Product Number		Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class R fuse rejection kit <sup>3</sup>	Auxiliary contact kits	
		NEMA Type 4X Stainless Steel	NEMA Type 5/12						SPDT	DPDT
2 Pole / 3 Wire										
	400	TH3325MSS	TH3325M	-	TNIJ66	H, K, and R	Move load-block <sup>2</sup>	TRK56A	-	THAUX66D
	600	TH3326MSS	TH3326M	-			THJ6	TRK66A	-	

<sup>1</sup> Available with viewing window by adding "VW" suffix.

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

<sup>3</sup> 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, type TH, NEMA types 4X, 5, and 12

30-1200 amperes

600 volts AC, 600 volts DC

50/60 Hz



### Heavy duty safety switches - 600Vac - fusible

	Amperage Rating	Product Number					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 <sup>5</sup>	SPDT	DPDT	
3 Pole / 3 Wire											
	30	TH3361SS <sup>1,2</sup>	TH3361J <sup>1,6</sup>	Factory installed	TNIJ61	H, K, J and R	Move load-block <sup>4</sup>	TRK16SA	THAUX61S	THAUX64D	
	60	TH3362SS <sup>1,2</sup>	TH3362J <sup>1,6</sup>		TNIJ62			TRK26A	–		
	100	TH3363SS <sup>1,2</sup>	TH3363J <sup>1,6</sup>		TNIJ63			TPBRK36A	–		
	200	TH3364SS <sup>1,2</sup>	TH3364J <sup>1,6</sup>	TNIJ64	TRK46A			–			
	400	TH3365SS <sup>2</sup>	TH3365J <sup>6</sup>	–	TNIJ66			TRK56A	–		THAUX66D
	600	TH3366SS <sup>2</sup>	TH3366J <sup>6</sup>	–				THJ6	TRK66A		

### Heavy duty safety switches - 600Vac - non-fusible

	Amperage Rating	Product Number					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 <sup>2</sup>	SPDT	DPDT			
3 Pole / 3 Wire													
	30	THN3361SS <sup>1,2,3</sup>	THN3361J <sup>1,3</sup>	Factory installed	TNIJ61	–	–	–	THAUX61S	THAUX64D			
	60	THN3362SS <sup>1,2,3</sup>	THN3362J <sup>1,3</sup>		TNIJA62				–				
	100	THN3363SS <sup>1,2</sup>	THN3363J <sup>1,3</sup>		TNIJ63				–				
	200	THN3364SS <sup>1,2,3</sup>	THN3364J <sup>1,3</sup>	TNIJ64	–								
	400	THN3365SS <sup>2</sup>	THN3365J	–	TNIJ66				–		–	–	THAUX66D
	600	THN3366SS <sup>2</sup>	THN3366J	–					–		–	–	

### Mill duty safety switches - can be opened with a gloved hand

	Amperage Rating	Product Number					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 <sup>2</sup>	SPDT	DPDT	
Fusible / 3 Pole / 3 Wire / 600Vac											
	400	TH3365MSS	TH3365M	–	TNIJ66	H, J, and R	Move load-block <sup>4</sup>	TRK56A	–	THAUX66D	
	600	TH3366MSS	TH3366M	–				THJ6	TRK66A		–
Non-Fusible / 3 Pole / 3 Wire / 600Vac											
	400	THN3365MSS	THN3365M	–	TNIJ66	–	–	–	–	THAUX66D	
	600	THN3366MSS	THN3366M	–					–		–

### Type TH interrupting and withstand ratings

Ampere Rating	Interrupting Rating Amps <sup>7</sup> Symmetrical 600 volts AC, 3-phase	Fuse Clearing <sup>8</sup> (I <sup>2</sup> t x 10 <sup>3</sup> )
30A	360	50
60A	1200	200
100A	1200	500
200A	3,400	2,000
400A	10,000	6,000
600A	10,000	12,000

<sup>1</sup> Available with viewing window, add "VW" suffix.<sup>2</sup> Available in NEMA 4X enclosure grade 316 stainless steel, add "316" suffix.<sup>3</sup> Available with field installable copper lug kit (line, load, ground)<sup>4</sup> Switches may be adapted to accept Class J fuses without a kit by moving the load-block toward the switch base and remounting.<sup>5</sup> 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.<sup>6</sup> For NEMA Type 3R, 5, and 12 combination add an R suffix.<sup>7</sup> Maximum current at rated voltage that switch will interrupt three times assistance from an external device.<sup>8</sup> Peak let-through energy for withstandability and circuit closing tests.

### Lug wire sizes line and load terminals

Ampere Rating	Wire Range AWG/kcmil Copper	Wire Range AWG/kcmil Aluminum
30A (240V)	14-8	12-8
30A (600V)	14-6	14-6
60A	14-2	14-2
100A	14-1/0	12-1/0
200A	6-250	6-250
400A	(1) 2-600 or (2) 1/0-250	(1) 2-600 or (2) 1/0-250
600A	(2) 4-600	(2) 4-600



## Heavy duty, type TH, specialty switches

30-200 amperes



600 volts AC, 600 volts DC

50/60 Hz



### DC Rated Heavy Duty Safety Switches - 600Vdc

	Amperage Rating	Product Number							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 <sup>1</sup>	SPDT	DPDT
Fusible / 2 Pole / 2 Wire										
	30	TH2261DC <sup>2</sup>	TH2261RDC <sup>2</sup>	TGL1	TNI62	H, J, and R	Move load-block <sup>3</sup>	TRK16B	THAUX61S	THAUX64D
	60	TH2262DC <sup>2</sup>	TH2262RDC <sup>2</sup>		TNIA62			TRK26A	-	
	100	TH2263DC <sup>2</sup>	TH2263RDC <sup>2</sup>	TNG3	TNIA63			TRK46A	-	
Non-Fusible / 2 Pole / 2 Wire										
	30	THN2261DC <sup>2</sup>	THN2261RDC <sup>2</sup>	TGL1	TNI62	-	-	-	THAUX61S	THAUX64D
	60	THN2262DC <sup>2</sup>	THN2262RDC <sup>2</sup>		TNIA62				-	
	100	THN2263DC <sup>2</sup>	THN2263RDC <sup>2</sup>	TNG3	TNIA63				-	

### DC rated heavy duty safety switches - 600Vdc

	Amperage Rating	Product Number					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 <sup>1</sup>	SPDT	DPDT
Fusible / 2 Pole / 2 Wire										
	30	TH2261SSDC <sup>2</sup>	TH2261JDC <sup>2</sup>	Factory installed	TNIJ61	H, K, J and R	Move load-block <sup>3</sup>	TRK16B	THAUX61S	THAUX64D
	60	TH2262SSDC <sup>2</sup>	TH2262JDC <sup>2</sup>		TNIJ62			TRK26A	-	
	100	TH2263SSDC <sup>2</sup>	TH2263JDC <sup>2</sup>		TNI63	H, K, J and R		TPBRK36A	-	
Non-Fusible / 2 Pole / 2 Wire										
	30	THN2261SSDC <sup>2</sup>	THN2261JDC <sup>2</sup>	Factory installed	TNIJ61	-	-	-	THAUX61S	THAUX64D
	60	THN2262SSDC <sup>2</sup>	THN2262JDC <sup>2</sup>		TNIJA62				-	
	100	THN2263SSDC <sup>2</sup>	THN2263JDC <sup>2</sup>		TNIJ63				-	

### Interlocked receptacle switches

	Amperage Rating	Product Number									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 <sup>4</sup>	TH3362JCHSS <sup>4</sup>	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 <sup>4</sup>	THN3362JCHSS <sup>4</sup>	Crouse Hinds	Arktite# APJ6485	Factory installed	TNIJA62	-	-	-	THAUX64D

<sup>1</sup> 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.

<sup>2</sup> Available with viewing window, add "VW" suffix.

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

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

## Double throw switches type TC and TDT, NEMA types 1 and 3R

30-1200 amperes

240 volts AC, 250 volts DC

50/60 Hz

### Double Throw Switches - 240Vac - fusible

Amperage Rating	Product Number										Auxiliary contact kits	Control pole	Suitable for use as service entrance equipment
	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	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	J	DS46FK	-	Move load block <sup>2</sup>	DS200EK1	DS200EK2	DS16CP	with DT200NK	
400	TDT3325	TDT3325R	DS468NK	DS800NK		DS56FK	DS526TK <sup>5</sup>	-					
600	TDT3326 <sup>3</sup>	TDT3326R <sup>3</sup>				-	DT626TK <sup>5</sup>	-					
800	TDT3327 <sup>3</sup>	TDT3327R <sup>3</sup>			-	DT726TK <sup>5</sup>	-						
1200	TDT3328 <sup>3</sup>	TDT3328R <sup>3</sup>		DT1200NK	L	-	Move load block <sup>1</sup>	-				with DT1200NK	

### Double throw switches - 240Vac - non-fusible

Amperage Rating	Product Number										Auxiliary contact kits	Control pole	Suitable for use as service entrance equipment	
	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	1NO/1NC	2NO/2NC				
	3 Pole / 3 Wire													
30	TC35321	TC35321R	TGL1	TNK100							THAUXDT	-	Yes <sup>6</sup>	
60	TC35322	TC35322R												
100	TC35323	TC35323R	TNG3	TNK200							THAUXDT	-		
200	TC35324	TC35324R												
400	TC35325	TC35325R	TGL6	TNK400							THAUXDT	-		
600	TC35326	-												
600	-	TC35326R	DS468GK	DT600NK							DS200EK1	DS200EK2	DS16CP	with DT600NK
800	TC35327 <sup>4</sup>	TC35327R <sup>4</sup>		DT800NK										with DT800NK
1200	TC35328	TC35328R		DT1200NK										with DT1200NK

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

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

<sup>3</sup> Stacked design requiring only one set of fuses.

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

<sup>5</sup> Kits come with 1 pole; must order 3 kits for one 3 pole switch.

<sup>6</sup> Not suitable for service entrance in Canada


## Double throw switches, type TC and TDT, NEMA types 1 and 3R

30-1200 amperes

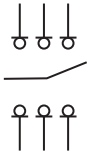
600 volts AC, 250 volts DC

50/60 Hz

### Double throw switches - 600Vac - fusible

Amperage Rating	Product Number									Auxiliary contact kits		Control pole	Suitable for use as service entrance equipment
	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	1NO/1NC	2NO/2NC			
	3 Pole / 3 Wire												
	30	TDT3361	TDT3361R	DS100GK	DT100NK	H	DS16FK	-	-	DS200EK1	DS200EK2	DS16CP	with DT100NK
	60	TDT3362	TDT3362R				DS26FK	-	-				with DT200NK
	100	TDT3363	TDT3363R				DS36FK	-	-				with DS800NK
	200	TDT3364	TDT3364R	DS200GK	DT200NK	T	-	-	Move load block <sup>2</sup>	DT400JK	with DT800NK		
	400	TDT3365	TDT3365R	DS468GK	DS800NK	J	-	DT666TK <sup>9</sup>	-	-	with DT1200NK		
	600	TDT3366 <sup>3</sup>	TDT3366R <sup>3</sup>			L	-	DS766TK <sup>9</sup>	-	-			
	800	TDT3367 <sup>3</sup>	TDT3367R <sup>3</sup>			-	-	Move load block <sup>1</sup>	-	-			
	1200	TDT3368 <sup>3,4</sup>	TDT3368R <sup>3,4</sup>			DT1200NK	-	-	-	-			

### Double throw switches - 600Vac - non-fusible

Amperage Rating	Product Number									Auxiliary contact kits		Control pole	Suitable for use as service entrance equipment
	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	1NO/1NC	2NO/2NC			
	3 Pole / 3 Wire												
	30	TC35361	TC35361R	DS100GK	DT100NK					DS200EK1	DS200EK2	DS16CP	with DT100NK
	60	TC35362	TC35362R	TGL1	TNK100					THAUXDT	-	-	Yes <sup>10</sup>
	100	TC35363	TC35363R	TNG3	TNK100					THAUXDT	-	-	Yes <sup>10</sup>
	200	TC35364	TC35364R	TNG3	TNK200					THAUXDT	-	-	Yes <sup>10</sup>
	400	TC35365 <sup>5,6</sup>	-	TGL6	TNK400					THAUXDT	-	-	Yes
		-	TC35365R	DS468GK	DT400NK					DS200EK1	DS200EK2	DS16CP	with DT400NK
	600	TC35366 <sup>5,6,7</sup>	-	TGL6	-					-	-	-	No
		-	TC35366R	DS468GK	DT600NK								
	800	-	-		DT800NK						DS200EK1	DS200EK2	DS16CP
		-	TC35367 <sup>8</sup>	TC35367R <sup>8</sup>	-	-							
1200	TC35368 <sup>4</sup>	TC35368R <sup>4</sup>	-	DT1200NK <sup>11</sup>									with DS468GK
													with DT1200NK

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

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

<sup>3</sup> Stacked design requiring only one set of fuses.

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

<sup>5</sup> Not UL, cUL, or CSA Listed.

<sup>6</sup> Not suitable for use as service entrance equipment per NEC 702.

<sup>7</sup> No provision for auxiliary contact kit

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

<sup>9</sup> Kits come with 1 pole; must order 3 kits for one 3 pole switch.

<sup>10</sup> Not in Canada

<sup>11</sup> 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 switches, type TC and TDT, NEMA type 4X

30-1200 amperes

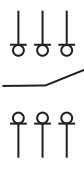
600 volts AC, 250 volts DC

50/60 Hz

### Double throw switches - 600Vac - fusible

	Amperage Rating	Product Number										Suitable for use as service entrance equipment
		NEMA Type 4X	Ground kit	Neutral kit	Standard fuse class	Class R fuse kit	Class T fuse kit	Class J fuse kit	Auxiliary contact kits		Control pole	
									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 <sup>1</sup>	with DT200NK			
	400	TDT3365SS	DS468GK	DS800NK	T	-	-	DT400JK		with DS800NK		

### Double throw switches - 600Vac - non-fusible

	Amperage Rating	Product Number										Suitable for use as service entrance equipment
		NEMA Type 4X	Ground kit	Neutral kit	Standard fuse class	Class R fuse kit	Class T fuse kit	Class J fuse kit	Auxiliary contact kits		Control pole	
									1NO/1NC	2NO/2NC		
	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		

<sup>1</sup> 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

100-200 amperes  
 120/240 volts AC  
 50/60 Hz



TC10323R, Type TC outdoor emergency power transfer switch

### Emergency power transfer switches

	Amperage Rating	NEMA Type 3R Outdoor	Ground Kit	Neutral kit
Non-Fusible / 2 Pole / 3 Wire / 120/240Vac				
	100	TC10323R	Factory installed	Factory installed
	200	TC10324R		
Non-Fusible / 3 Pole / 4 Wire / 240Vac				
	200	TC10424R	Factory installed	Factory installed

## Heavy duty smart safety switch

200 amperes  
 600 volts AC, 600 volts DC  
 50/60 Hz



Heavy duty smart safety switch

### Smart safety switches - 600Vac

	Amperage Rating	Product Number						Auxiliary contact kits	
		NEMA Type 3R Indoor/Outdoor	Ground kit	Neutral kit	Standard fuse class	Class J fuse kit	Class R fuse rejection kit	SPDT	DPDT
Fusible/3 pole/4 wire									
	200	TH4364RVWD1	TNG3	Factory Installed	H, K, and R	Move load-block <sup>1</sup>	-	-	THAUX64D
Non-Fusible/3 pole/3 wire									
	200	THN3364RVWD1	TNG3	TNIA64	-	-	-	-	THAUX64D

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



## Lug wire sizes: line and load terminals

### General duty lug wire sizes: line and load terminals

Ampere Rating	Wire Range AWG/kcmil Copper	Wire Range AWG/kcmil Aluminum
30A (250V)	14-8	12-8
30A (600V)	12-2	12-2
60A	12-2	12-2
100A	10-1/0	10-1/0
200A	2-250	2-250
400A	1) 2-800 or (2) 1/0-250	(1) 2-800 or (2) 1/0-250
600A	(2) 4-500	(2) 4-500

### Heavy duty lug wire sizes: line and load terminals

Ampere Rating	Wire Range AWG/kcmil Copper	Wire Range AWG/kcmil Aluminum
30A (250V)	14-8	12-8
30A (600V)	12-2	12-2
60A	12-2	12-2
100A	10-1/0	10-1/0
200A	2-250	2-250
400A	(1) 2-600 or (2) 1/0-250	(1) 2-600 or (2) 1/0-250
600A	(2) 4-500	(2) 4-500
800A	(3) 2-600 or (6) 1/0-250	(3) 2-600 or (6) 1/0-250
1200A	(4) 3/0-800	(4) 3/0-800

### NEMA 4X, 5, 12 and mill duty lug wire sizes: line and load terminals

Ampere Rating	Wire Range AWG/kcmil Copper	Wire Range AWG/kcmil Aluminum
30A (240V)	14-8	12-8
30A (600V)	14-6	14-6
60A	14-2	14-2
100A	14-1/0	12-1/0
200A	6-250	6-250
400A	(1) 2-600 or (2) 1/0-250	(1) 2-600 or (2) 1/0-250
600A	(2) 4-600	(2) 4-600

**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	Product Number	Wire Range AWG/kcmil Copper	Wire Range AWG/kcmil Aluminum
30A	TGL1	(4) 14-8, (3) 14-4	(4) 12-8, (3) 6-4
60A			
100A	TNG3	(3) 10-1/0	(3) 10-1/0
200A			
400A	TGL6	(3) 2-250	(3) 2-250
600A			



TNG3 equipment ground kit

**Neutral kit insulated, groundable and bondable - single throw switches**

Ampere Rating	Product Number	System Voltage	Fusible/ Non-Fusible	Wire Range AWG/kcmil Copper	Wire Range AWG/kcmil Aluminum
30A	TNI21	240Vac	Either	14-8	12-8
30A	TNI62 <sup>1</sup>	600Vac	Either	14-2	12-2
60A	TNI62 <sup>1</sup>	600Vac	Non-Fusible	14-2	12-2
60A	TNIA62	600Vac	Fusible	14-2	12-2
100A	TNI63	600Vac	Non-Fusible	10-1/0	10-1/0
100A	TNIA63	600Vac	Fusible	10-1/0	10-1/0
200A	TNIA64	600Vac	Either	2-250	2-250
400A	TNI65	240Vac or 600Vac	Either	(1) 2-600 or (2) 1/0-250	(1) 2-600 or (2) 1/0-250
400A	TNI65A		Either	(1) 350-800	(1) 350-800
600A	TNI66		Either	(2) 4-500	(2) 4-500
800A	TNI67 <sup>2</sup>		Fusible	(3) 2-600 or (6) 1/0-250	(3) 2-600 or (6) 1/0-250
1200A	TNI68A <sup>2</sup>		Fusible	(4) 3/0-800	(4) 3/0-800



TGL6 equipment ground kit

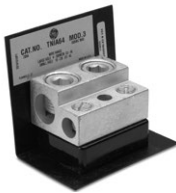
Switching Neutral: Order standard switch of required number of poles and use dummy fuse in neutral pole.

<sup>1</sup> Not suitable for type TG switches.

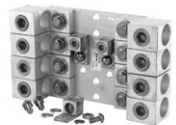
<sup>2</sup> Not suitable for type TC Single Throw Non-Fusible



TNIA63 neutral kit insulated, groundable and bondable



TNIA64 neutral kit insulated, groundable and bondable



TNIA68A neutral kit insulated, groundable and bondable

## Accessories: NEMA type 1 and 3R enclosures

30-600 amperes: TH



THAUX21D



THAUX61S



THAUX64D



THAUX66D

### Auxiliary contact kits

- Auxiliary contacts designed to open before switch blades. UL Listed for field installation.
- Product number listed is for field installed kit.

Ampere Rating	Product Number	No. of Poles	Contacts	Contact Ratings
30A (240V only)	THAUX21D	2 3	DPDT	10A, 125/250Vac 0.30A, 125Vdc 0.15A, 250Vdc
30A	THAUX61S	2 3	SPDT	15A, 600Vac 0.50A, 125Vdc 0.25A, 250Vdc
30A (600V only) 60A 100A 200A	THAUX64D	2 3	DPDT	15A, 600Vac 0.50A, 125Vdc 0.25A, 250Vdc
400A 600A	THAUX66D	2 3	DPDT	15A, 600Vac 0.50A, 125Vdc 0.25A, 250Vdc
30A 60A 100A	THAUX66D	6	DPDT	15A, 600Vac 0.50A, 125Vdc 0.25A, 250Vdc
200A	THAUX66D2	6	DPDT	15A, 600Vac 0.50A, 125Vdc 0.25A, 250Vdc

### 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

- Types TH Indoor, TG and TH Outdoor Switches.
- Product Number listed is for field mounted kit.

Ampere Rating	Product Number
30A 60A 100A	THG106

## 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. Product number listed is for field installed kit.

For Auxiliary Contact Kits, see page 4-19.

### Optional copper lug neutrals

Ampere Rating	Product Number	Fusible	Lug Wire Size, AWG/kcmil, Cu Only
30A-60A	TNIJA62CL	No	14-2

### Optional copper line, load and ground lug kits

Ampere Rating	Product Number	Line/Load Lug Wire Size (Qty 6 provided) AWG/kcmil, CU only	Ground Lug Wire Size (Qty 2 provided) AWG/kcmil, CU only
30A	THCL30	4-14	6-14
60A	THCL60	4-14	6-14
100A	THCL100	1/0-6	6-14
200A	THCL200	250-6	4-14

### Neutral kit insulated, groundable and bondable

Ampere Rating	Product Number	System Voltage	Fusible/Non-fusible
30A	TNIJ61	240Vac	Fusible
30A	TNIJ61	600Vac <sup>1</sup>	Either
60A	TNIJ62	240Vac	Fusible
60A	TNIJ62	600Vac	Fusible
60A	TNIJ62	600Vac	Fusible
60A	TNIJA62	600Vac	Non-fusible
100A	TNIJ63	240Vac or 600Vac	Either
200A	TNIJ64		Either
400-600A	TNIJ66		Either

<sup>1</sup>Type 4, 4X, 12

## Accessories

### Type TG, TH



TGRK22 Class R rejection kit

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

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

Series Prefix	Ampere Rating	Enclosure Type	Product Number
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



TRK46A Class R rejection kit

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

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

Series Prefix	Ampere Rating	System Voltage	Enclosure Type	Product Number
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
	600A	240Vac 600Vac	NEMA Type 1, 3R, 4/4X, 12	TRK66A

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

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

Series Prefix	Ampere Rating	System Voltage	Product Number
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.)	Product Number
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

Product Number
TCCP

### Replacement red handle grip for HD switches

Product Number
THGRIP



THRPLHD6 replacement handle

### Replacement handles for HD switches

Amps Min.	Amps Max.	Max. Volts	Steel Type	Description	Product Number
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 kits for service entrance



THSHLD1

Amperage	HD 600V		HD 240V		GD 240V	
	NEC 2017 and earlier	NEC 2020 230.62	NEC 2017 and earlier	NEC 2020 230.62	NEC 2017 and earlier	NEC 2020 230.62
30	as built - replacement THSHLD1		as built - replacement THSHLD0		as built	requires THSHLD0
60	as built - replacement THSHLD3		as built	requires THSHLD1	as built	requires THSHLD1
100	as built <sup>2</sup> - replacement THSHLD3 <sup>1</sup>		as built	requires THSHLD3 <sup>1</sup>	as built	requires THSHLD3
200	as built <sup>3</sup>	replacement THSHLD4 <sup>3</sup>	as built	requires THSHLD4 <sup>3</sup>	as built	requires THSHLD4 <sup>3</sup>
400	as built	required THSHLD6	as built	requires THSHLD6	as built	not compliant
600	as built	required THSHLD6	as built	requires THSHLD6	as built	not compliant

<sup>1</sup> Use THSHLD4 for 100A N5/12 or N4X

<sup>2</sup> NEC2020 230.62 compliant mfg post 11/22/21 for 100A N5/12 and N4X

<sup>3</sup> NEC 2020 230.62 compliant mfg post 12/6/21