

Heavy duty

Type TH, NEMA types 1 and 3R

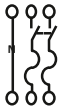
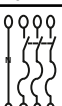
01 60 A fusible
3-pole 600 V NEMA 1
TH4362

02 400 A fusible
2-pole 240 V NEMA 1
THF3225A1

03 60 A fusible
3-pole 600 V NEMA 1
TH4362

- 30–1200 amperes
- 240 volts AC, 250 volts DC
- 50/60 Hz

Heavy duty safety switches — 240 V AC — fusible

Product number										Auxiliary contact kits	
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	SPDT	DPDT	
2-pole / 3-wire											
	30	TH3221 ^{1,7}	TH3221R ^{1,7}	TGL1	Factory installed	H, K and R	Move load-block ⁷	TRK12B	THAUX61S	THAUX21D	
	60	TH3222 ^{1,7}	TH3222R ^{1,7}					TRK22A	—	THAUX64D	
	100	TH3223 ^{1,7}	TH3223R ^{1,7}	TNG3				TRK46A	—		
	200	TH3224 ^{1,2,3,7}	TH3224R ^{1,3,7}								
	400	THF3225A1 ^{1,2,7}	THF3225AR ^{1,3,7}	TGL6				THT5A	TRK56A	—	THAUX66DA
	600	THF3226A1 ^{1,2}	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 ⁷	THT5A	TRK56A	—	THAUX66DA
	600	THF3326A1 ^{1,2}	THF3326AR ¹		TNI66		THJ6	THT6A	TRK66A	—	
3-pole / 4-wire											
	30	TH4321 ^{1,7}	TH4321R ^{1,7}	TGL1	Factory installed	H, K and R	Move load-block ⁷	TRK12B	THAUX61S	THAUX21D	
	60	TH4322 ^{1,7}	TH4322R ^{1,7}					TRK22A	—	THAUX64D	
	100	TH4323 ^{1,7}	TH4323R ^{1,7}	TNG3				TRK46A	—		
	200	TH4324 ^{1,2,3,7}	TH4324R ^{1,3,7}								
	400	THF4325A1 ^{1,2,7}	THF4325AR ^{1,7}	TGL6				THT5A	TRK56A	—	THAUX66DA
	600	THF4326A1 ^{1,2}	THF4326AR ¹				THJ6	THT6A	TRK66A	—	

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

Product number										Auxiliary contact kits	
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	SPDT	DPDT	
Non-fusible, 240 V AC / 3-pole / 3-wire											
	30	THN3321 ⁷	—	TGL1	TNI21	—	—	—	—	THAUX61S	THAUX21D

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

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

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

⁵ Neutral kit is groundable and bondable.

⁶ Rated 600 V AC 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.

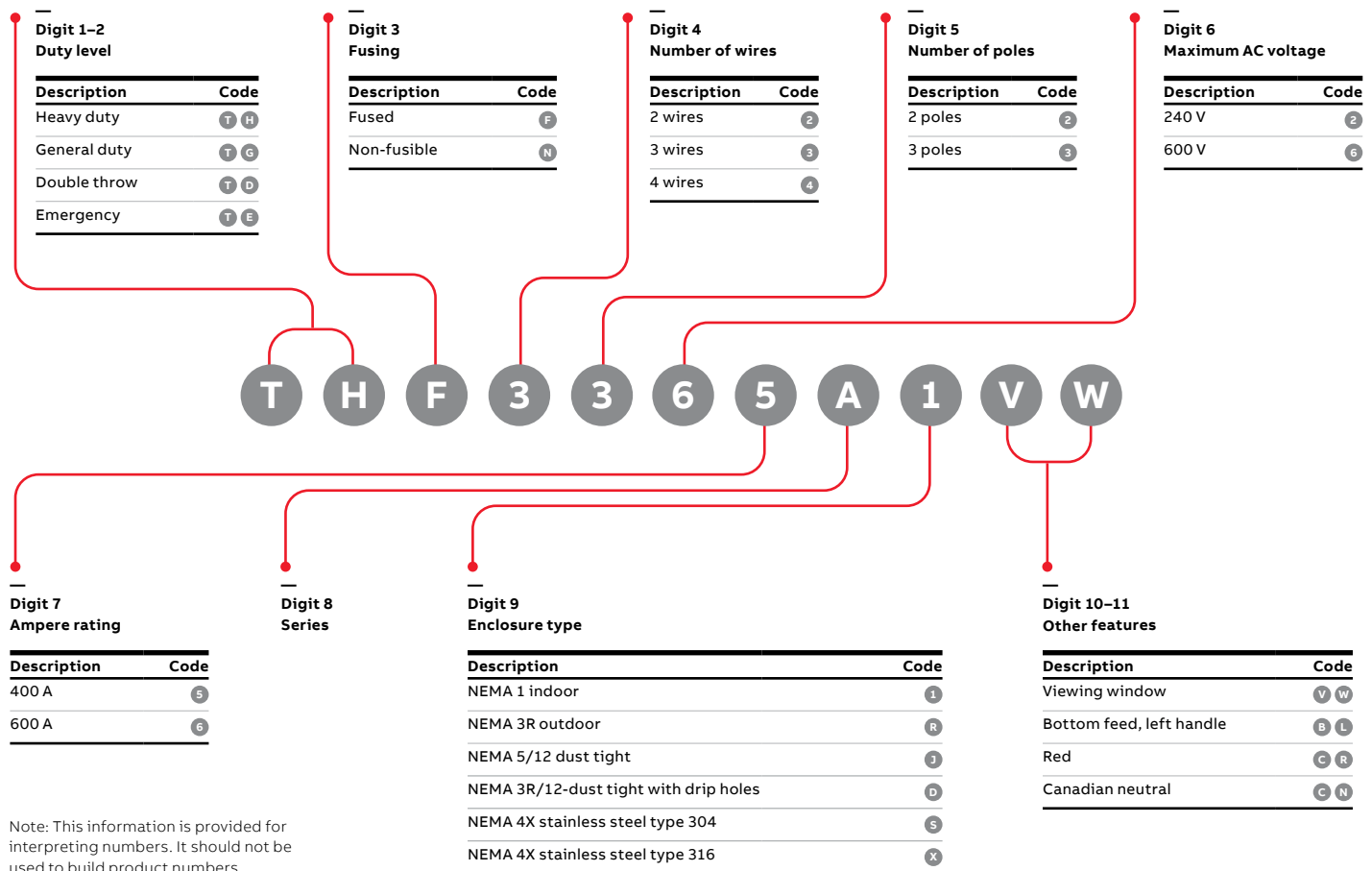
⁸ When specifications permit only Class R fuses, these kits may be installed in the switch to deter fuses other than Class R from being installed.

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

Spec-Setter™ safety switches

Product number structure

400–600 A



Applications for enclosures in non-hazardous locations

Provides a degree of protection against the following environmental conditions	Type of enclosure					
	12	3R ²	4	4X	5	12
Incidental contact with enclosed equipment	X	X	X	X	X	X
Falling dirt	X	–	X	X	X	X
Falling liquids and light splashing	–	–	X	X	X	X
Windblown/circulating dust, lint, fibers and flyings ³	–	–	X	X	–	X
Settling airborne dust, lint, fibers and flyings ³	–	–	X	X	X	X
Rain, snow and sleet ⁴	–	X	X	X	–	–
Hosedown and splashing water	–	–	X	X	–	–
Oil and coolant	–	–	–	–	–	X
Corrosive agents	–	–	–	X	–	–

²These enclosures may be ventilated.

³These fibers and flyings are non-hazardous materials and are not considered Class III type ignitable fibers or combustible flyings. For Class III type ignitable fibers or combustible flyings, see the National Electrical Code, Article 500.

⁴External operating mechanisms are not required to be operable when the enclosure is ice covered.

General duty safety switches

01 400 A fusible 3-pole,
240 V NEMA 1 TGF4325A1

General duty safety switches are available in 30–600 amps, 240 V AC, 250 V DC maximum in both fusible and non-fusible units, and in NEMA type 1 (indoor) and type 3R (outdoor) enclosures. The UL listed short-circuit rating is listed in the table on page 11. The general duty safety switches are UL listed as service entrance equipment when installed in accordance with 2020 NEC for service equipment.

All ABB general duty safety switches carry the following certifications:

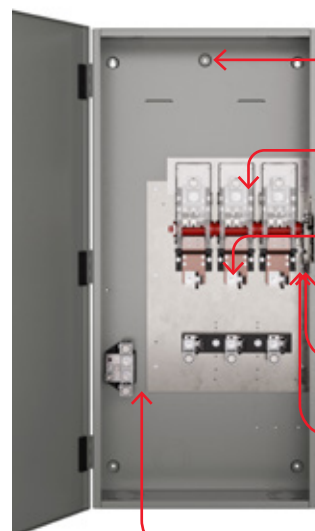
- UL listed and cUL listed (UL 98 enclosed switches/CSA C22.2 No. 4-04)
- Federal specification WS-865C
- NEMA enclosed safety switch standard KS1
- Seismic certified

Features

Highly visible, easy-to-grip red handle accepts one padlock in the OFF position.

Highly visible ON/OFF label.

Lockable cover catch.



Self-leveling, three-point mounting system.

Visible confirmation of plated blade contact positions.

Spring-reinforced fuse clips assure reliable contact for cool operation. Suitable for Class H, K or R fuses, where applicable.

Integral interlock.

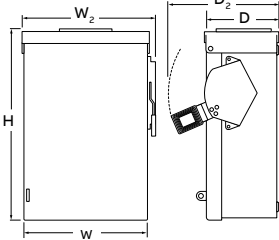
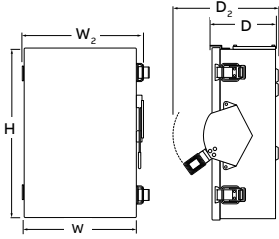
Direct-drive, quick-make, quick-break mechanism snaps contacts open and closed, providing positive ON/OFF indication.

Unobstructed gutter.

Safety switch enclosure dimensions

Heavy duty, NEMA type 3R

Heavy duty, NEMA type 3R
Approximate dimensions in inches

Diagrams	Product number	Dimension H	Dimension W (box)	Dimension W2 (w/handle)	Dimension D (box)	Dimension D2 (w/handle)	Weight (lbs.)	Drawing #	KO figure number
	THF3225AR	49.79	24.5	24.94	9.35	13	101	1SQC920066D0201	No KO
	THF3225ARCN	49.79	24.5	24.94	9.35	13	101	1SQC920066D0201	No KO
	THF3325AR	49.79	24.5	24.94	9.35	13	107	1SQC920066D0201	No KO
	THF4325ARCN	49.79	24.5	24.94	9.35	13	107	1SQC920066D0201	No KO
	THF4325AR	49.79	24.5	24.94	9.35	13	107	1SQC920066D0201	No KO
	THF3365AR	54.49	24.5	24.94	9.35	13	107	1SQC920066D0201	No KO
	THF4365ARCN	54.49	24.5	24.94	9.35	13	107	1SQC920066D0201	No KO
	THN3365AR	49.79	24.5	24.94	9.35	13	102	1SQC920066D0201	No KO
	THF3226AR	54.49	24.5	24.94	9.35	13	109	1SQC920066D0201	No KO
	THF3226ARCN	54.49	24.5	24.94	9.35	13	109	1SQC920066D0201	No KO
	THF4326AR	54.49	24.5	24.94	9.35	13	117	1SQC920066D0201	No KO
	THF4326ARCN	54.49	24.5	24.94	9.35	13	117	1SQC920066D0201	No KO
	THF3366AR	54.49	24.5	24.94	9.35	13	117	1SQC920066D0201	No KO
	THF4366ARCN	54.49	24.5	24.94	9.35	13	117	1SQC920066D0201	No KO
	THN3366AR	49.79	24.5	24.94	9.35	13	107	1SQC920066D0201	No KO
	THF3225ARVW	49.79	24.5	24.94	9.35	13	101	1SQC920066D0201	No KO
	THF3225ARCNVW	49.79	24.5	24.94	9.35	13	101	1SQC920066D0201	No KO
	THF3325ARVW	49.79	24.5	24.94	9.35	13	107	1SQC920066D0201	No KO
	THF4325ARCNVW	49.79	24.5	24.94	9.35	13	107	1SQC920066D0201	No KO
	THF4325ARVW	49.79	24.5	24.94	9.35	13	107	1SQC920066D0201	No KO
	THF3365ARVW	54.49	24.5	24.94	9.35	13	107	1SQC920066D0201	No KO
	THF4365ARCNVW	54.49	24.5	24.94	9.35	13	107	1SQC920066D0201	No KO
	THN3365ARVW	49.79	24.5	24.94	9.35	13	102	1SQC920066D0201	No KO
	THF3226ARVW	54.49	24.5	24.94	9.35	13	109	1SQC920066D0201	No KO
	THF3226ARCNVW	54.49	24.5	24.94	9.35	13	109	1SQC920066D0201	No KO
	THF3326ARVW	54.49	24.5	24.94	9.35	13	117	1SQC920066D0201	No KO
	THF4326ARCNVW	54.49	24.5	24.94	9.35	13	117	1SQC920066D0201	No KO
	THF4326ARVW	54.49	24.5	24.94	9.35	13	117	1SQC920066D0201	No KO
	THF3366ARVW	54.49	24.5	24.94	9.35	13	117	1SQC920066D0201	No KO
	THF4366ARCNVW	54.49	24.5	24.94	9.35	13	117	1SQC920066D0201	No KO
	THN3366ARVW	49.79	24.5	24.94	9.35	13	107	1SQC920066D0201	No KO

Heavy duty
NEMA type 3R

Heavy duty
NEMA type 3R
200–600 A side swing