

CATALOG

Spec-Setter™

Safety switches



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:

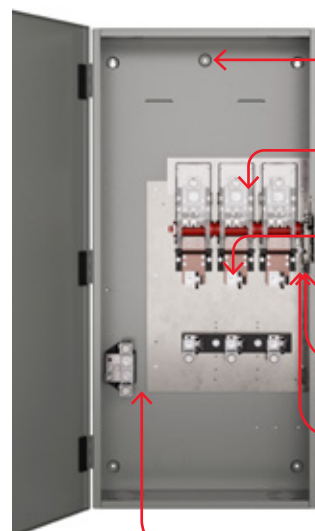
- UL listed and cUL listed (UL 98 enclosed switches/CSA C22.2 No. 4-04)
- Federal specification WS-865C
- NEMA enclosed safety switch standard KS1
- Seismic certified

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.

General duty

Type TG, NEMA types 1 and 3R

- 01 60 A fusible
3-pole 240 V NEMA 1
TG4322
- 02 400 A fusible
2-pole 240 V NEMA 3R
TGF3225AR
- 03 400 A fusible
3-pole 240 V NEMA 1
TGF4325A1

- 30–600 amperes
- 240 volts AC, 250 volts DC
- 50/60 Hz

General duty safety switches — 240 V AC

							Product number
	Amperage rating	NEMA type 1 indoor	NEMA type 3R outdoor	Ground kit	Neutral kit	Standard fuse class	Class R fuse rejection kit ²
Fusible / 2-pole / 3-wire							
	30	TG3221	TG3221R	TGL1	Factory installed	H, K and R	TGRK12
	60	TG3222	TG3222R	TNG3			TGRK22
	100	TG3223 ¹	TG3223R				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	TNG3			TGRK22
	100	TG4323	TG4323R				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	TNG3	3		
	100	TGN3323	TGN3323R		3		
	200	TGN3324 ¹	TGN3324R		TNIA64		
	400	TGN3325A1 ¹	TGN3325AR	TGL6	TNI65 or TNI65A750		
	600	TGN3326A1 ¹	TGN3326AR		TNI66		

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

General duty safety switches are not suitable for use as service 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.



01



02



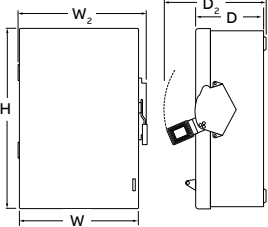
03

Safety switch enclosure dimensions

Heavy duty, NEMA type 1 and general duty, NEMA type 3R

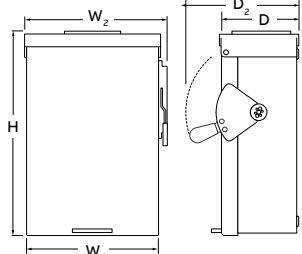
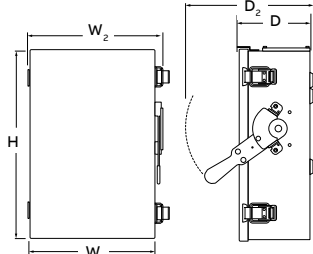
Heavy duty, NEMA type 1

Approximate dimensions in inches

Diagram	Product number	Dimension H	Dimension W (box)	Dimension W2 (w/handle)	Dimension D (box)	Dimension D2 (w/handle)	Weight (lbs.)	Drawing #	KO figure number
	THN3362	17.6	9.4	10.1	5.0	9.0	15	10103091SH102	3
	THN3362VW	17.6	9.4	10.1	5.5	9.0	15	15QC920055D0201	3
	THN3362CL	17.6	9.4	10.1	5.0	9.0	15	10103091SH102	3
	THN3363	17.6	9.3	10.1	4.8	9.8	15	10103091SH105	3
	THN3363VW	17.6	9.3	10.1	5.3	9.8	15	15QC920056D0201	3
	THN3363CL	17.6	9.3	10.1	4.8	9.8	15	10103091SH105	3
	THN3364	31.5	13.3	14.1	5.1	10.5	32	10103091SH105	4
	THN3364VW	31.5	13.3	14.1	5.6	10.5	32	15QC920056D0201	4
	THN3364B	31.5	13.3	14.1	5.1	10.5	32	10103091SH105	4
	THN3364CL	31.5	13.3	14.1	5.1	10.5	33	10103091SH105	4
	THN3365	42.6	22.9	23.6	8.3	14.4	108	10103091SH112	6
	THN3365B	42.6	22.9	23.6	8.3	14.4	108	10103091SH112	6
	THN3366	42.6	22.9	23.6	8.3	14.4	109	10103091SH112	6
	THN3366B	42.6	22.9	23.6	8.3	14.4	109	10103091SH112	6
	THN3366CL	42.6	22.9	23.6	8.3	14.4	109	10103091SH112	6
	THN6661	14.4	18.7	19.9	5.9	12.3	33	10103091SH121	20
	THN6662	23.9	18.7	19.9	5.9	12.7	46	10103091SH121	20
	THN6663	23.9	18.7	19.8	5.8	10.9	46	10103091SH127	20
	THN6664	35.1	26.0	26.8	5.7	10.4	47	10103091SH127	20

General 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
	TG3221R	9.8	6.4	6.8	3.3	6.3	6	10103091SH103	8
	TG3222R	13.7	8.4	8.8	3.9	7.9	11	10103091SH103	19
	TG3223R	21.1	9.3	10.3	5.0	9.1	17	10103091SH107	10
	TG3224R	29.3	13.4	13.7	5.4	9.9	31	10103091SH183	11
	TG3225R	49.7	21.7	22.4	8.9	14.7	110	10103091SH141	12
	TG3226R	50.1	23.0	23.8	9.4	15.1	119	10103091SH141	13
	TG3325R	49.7	21.7	22.4	8.9	14.7	109	10103091SH141	12
	TG3326R	50.1	23.0	23.8	9.4	15.1	124	10103091SH141	13
	TG4321R	9.8	6.4	6.8	3.3	6.3	6	10103091SH103	8
	TG4322R	13.7	8.4	8.8	3.9	7.9	11	10103091SH103	19
	TG4323R	21.1	9.3	10.3	5.0	9.1	17	10103091SH107	10
	TG4324R	29.3	13.4	13.7	5.4	9.9	32	10103091SH183	11
	TGN3321R	9.8	6.4	6.8	3.3	6.3	6	10103091SH103	8
	TGN3322R	13.7	8.4	8.8	3.9	7.9	10	10103091SH103	19
	TGN3323R	15.6	9.3	10.3	5.0	9.1	13	10103091SH107	10
	TGN3324R	29.3	13.4	13.7	5.4	9.9	31	10103091SH183	11
	TGF3225AR	49.79	24.5	25.17	9.35	12.8	101	15QC920079D0201	No KO
	TGF4325AR	49.79	24.5	25.17	9.35	12.8	107	15QC920079D0201	No KO
	TGN3325AR	49.79	24.5	25.17	9.35	12.8	102	15QC920079D0201	No KO
	TGF3226AR	54.49	24.5	25.17	9.35	12.8	109	15QC920079D0201	No KO
	TGN3326AR	49.79	24.5	25.17	9.35	12.8	107	15QC920079D0201	No KO
	TGF4326AR	54.49	24.5	25.17	9.35	12.8	117	15QC920079D0201	No KO

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