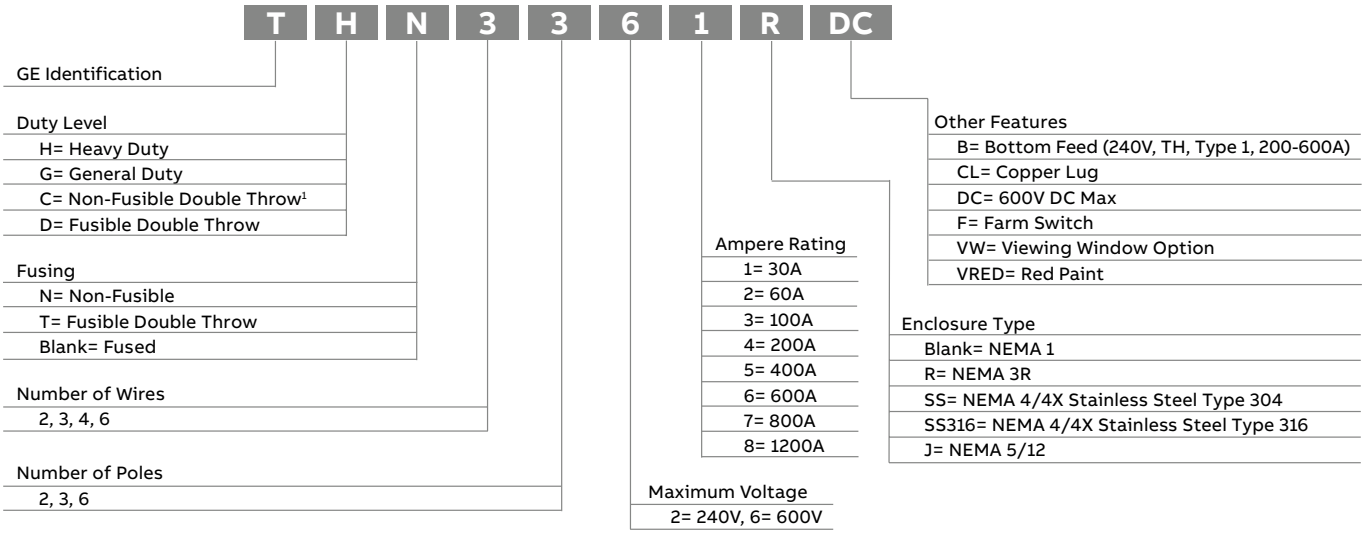
Spec-Setter™ safety switches

Quick selection guide



[1] 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 4-19
Safety switch dimensions, weights, knock out locations, drawings and HP ratings	DET845
Series rating information	DET008
Seismic information	OSP-0320-10

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

		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 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	THAUX21D
	60	TH2262DC[2]	TH2262RDC[2]		TNIA62			TRK26A	-	THAUX64D
	100	TH2263DC[2]	TH2263RDC[2]	TNG3	TNIA63			TRK46A	-	
Non-Fusible / 2 Pole / 2 Wire										
	30	THN2261DC[2]	THN2261RDC[2]	TGL1	TNI62	–	–	–	THAUX61S	THAUX21D
	60	THN2262DC[2]	THN2262RDC[2]		TNIA62				-	THAUX64D
	100	THN2263DC[2]	THN2263RDC[2]	TNG3	TNIA63				-	

DC rated heavy duty safety switches - 600Vdc

		Product Number							Auxiliary contact kits	
	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[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	THAUX21D
	60	TH2262SSDC[2]	TH2262JDC[2]		TNIJ62			TRK26A	–	THAUX64D
	100	TH2263SSDC[2]	TH2263JDC[2]		TNI63	H, K, J and R	Move load-block[3]	TRK46A	–	THAUX64D
Non-Fusible / 2 Pole / 2 Wire										
	30	THN2261SSDC[2]	THN2261JDC[2]	Factory installed	TNIJ61	–	–	–	THAUX61S	THAUX21D
	60	THN2262SSDC[2]	THN2262JDC[2]		TNIJA62				–	THAUX64D
	100	THN2263SSDC[2]	THN2263JDC[2]		TNIJ63				–	

[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.