General Duty Safety Switch, Single-throw

Max. System Voltage	Ampere Rating	Switch Type	UL Listed Fusing Class	UL Listed Fusing Withstanding Rating (rms Sym Amps)	Enclosure Type	BuyLog Page
250Vac 250Vdc	30-200	Fusible	K	10,000	1 3R	4-5, 4-6
			H	10,000		
			R	100,000		
	400-600		K	10,000		
			H	10,000		
	30-200	No [1] Fuse	K	10,000		
			H	10,000		
			R	10,000		
	400-600		K	10,000		
			H	10,000		
			R	10,000		

TG3321

Heavy Duty Safety Switch, Single-throw

Max. System Voltage	Ampere Rating	Switch Type	UL Listed Fusing Class	UL Listed Fusing Withstanding Rating (rms Sym Amps)	Enclosure Type	BuyLog Page
600Vac 250Vac	30-1200	Fusible	H	10,000	1 3R 4/4X 5,12 Mill Duty	4-7 through 4-16
			R	200,000 [3]		
			J	200,000 [3]		
			L [2]	100,000		
		No [1] Fuse	H	10,000		
			R	10,000		
			J	10,000		
			L [2]	10,000		

TH3361SS

Double-throw Safety Switch

Max. System Voltage	Ampere Rating	Switch Type	UL Listed Fusing Class	UL Listed Fusing Withstanding Rating (rms Sym Amps)	Enclosure Type	BuyLog Page
600Vac 250Vdc	30-600	No Fuse	—	10,000	1 3R	4-17 through 4-19

[1] Non-fusible switch withstand ratings apply when protected by corresponding listed fuse type.
[2] Class L fuses are only applicable when used with 800 and 1200A Type TC safety switches.
[3] Unless otherwise noted.

TC10323R

Rev. 11/13
Data subject to change without notice

Enclosure Types

Type 1—Enclosures constructed for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment and to provide a degree of protection against falling dirt.

Type 3R—Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, rain, sleet, and snow; and that will be undamaged by the external formation of ice on the enclosure

Type 4—Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, rain, sleet, snow, windblown dust, splashing water, and hose-directed water; and that will be undamaged by the external formation of ice on the enclosure.

Type 4X—Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, rain, sleet, snow, windblown dust, splashing water, hose-directed water, and corrosion; and that will be undamaged by the external formation of ice on the enclosure.

Type 5—Enclosures constructed for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt; against settling airborne dust, lint, fibers, and flyings; and to provide a degree of protection against dripping and light splashing of liquids

Type 12—Enclosures constructed (without knockouts) for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt; against circulating dust, lint, fibers, and flyings; and to provide a degree of protection against dripping and light splashing of liquids

Application Note: For applications of disconnecting means in motor circuit applications, disconnect must be sized based on ampacity per NEC 430-110, but not less than 115% of Motor Name-Plate current.

Comparison of Specific Applications of Enclosures for Indoor Nonhazardous Locations

	Type of Enclosure				
Provides a Degree of Protection Against the Following Environmental Conditions	**1***	**4**	**4X**	**5**	**12**
Incidental contact with the enclosed equipment	X	X	X	X	X
Falling dirt	X	X	X	X	X
Falling liquids and light splashing	–	X	X	X	X
Circulating dust, lint, fibers, and flyings**	–	X	X	–	X
Settling airborne dust, lint, fibers, and flyings**	–	X	X	X	X
Hosedown and splashing water	–	X	X	–	–
Oil and coolant seepage	–	–	–	–	X
Corrosive agents	–	–	X	–	–

*These enclosures may be ventilated.

** These fibers and flyings are nonhazardous 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.

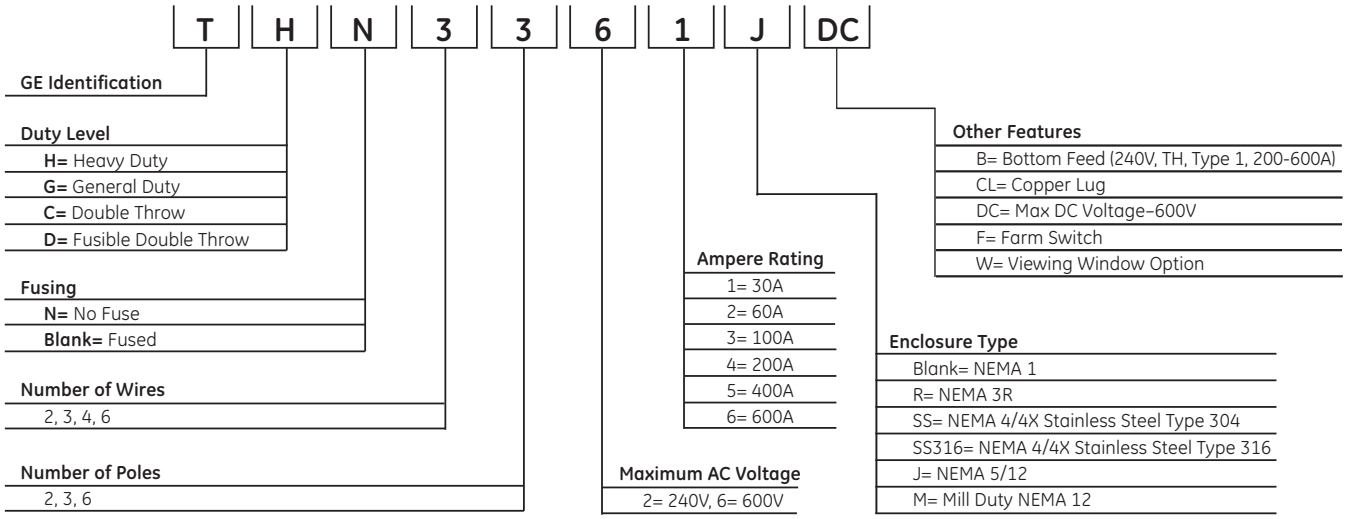
Applications of Enclosures for Outdoor Nonhazardous Locations

	Type of Enclosure		
Provides a Degree of Protection Against the Following Environmental Conditions	**3R***	**4**	**4X**
Incidental contact with the enclosed equipment	X	X	X
Rain, snow, and sleet**	X	X	X
Windblown dust, lint, fibers, and flyings	–	X	X
Hosedown	–	X	X
Corrosive agents	–	–	X

* These enclosures may be ventilated.

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

Product Number Structure



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