

Safety Switches

Double-Throw Switches

Spec-Setter™ Safety Switches

Type TC, Type TDT
 240, 480, 600 Volts AC
 250 Volts DC

Type TC Non-Fused (NEMA 1) and Outdoor (NEMA 3R) Double-Throw Switches

- Designed for application where safety, high performance, and continuity of service are required.
- UL Listed. Products in this section have been tested by UL and shown to meet the construction and performance requirements of UL Standard Number 98, Enclosed and Dead Front Switches. Suitable for use in accordance with Article 702 of the National Electrical Code.
- Meet Federal Specification W-S-865C for enclosed switches; 30-200 amps, Type HD; 400-600 amps, Type LD.
- Meet or exceed NEMA Enclosed Switch Standard KS1 except paragraph 1-4.24 (withstand and short circuit) for Type HD 30-200 amps, Type GD 400-600 amps.
- Seismic Certified (non-fused).
- 60°C and 75°C conductor ratings.
- Quick-make, quick-break mechanisms 30-200 amps; quick break mechanisms 400-600 amps.
- UL Service Entrance rated (NEMA 1 and NEMA 3R).

Type TC Outdoor Emergency Power Transfer Switches

- Designed for residential or light commercial applications where duty is not severe.
- UL Listed. Products in this section have been tested by UL and shown to meet the construction and performance requirements of UL Standard Number 98, Enclosed and Dead Front Switches.
- Meet or exceed NEMA Enclosed Switch Standard KS1 for Type GD.
- Suitable for use as service entrance equipment when installed in accordance with National Electrical Code.
- 60°C and 75°C conductor ratings.
- Not quick-make, quick-break

Type TDT Fusible Double-Throw Safety Switches

- TDT safety switches are suitable for use as service entrance equipment when either neutral kit DT200NK or ground lug kit DS200GK is installed. UL listed (no CSA or cUL).



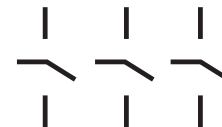
TC35322, Type TC Indoor Double-throw Switch



TC35321, Type TC Outdoor Double-throw Switch



TC10323R, Type TC Outdoor Emergency Power Transfer Switch



Three-pole, 240 Volts AC, 250 Volts DC, No Fuse



Three-pole, 600 Volts AC, 250 Volts DC, No Fuse



Three-wire SN, 120/240 Volts AC, No Fuse



Four-wire SN, 240 Volts AC, No Fuse



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Type TC, Type TDT

240, 480, 600 Volts AC

250 Volts DC

Three-pole, 240 Volts AC, 250 Volts DC, No Fuse

Ampere Rating	Enclosure Type	HP, 240 Vac, NEC Std, 3-ph	HP, 480 Vac, NEC Std, 3-ph	HP, 600 Vac, NEC Std, 3-ph	Lug Wire Size, AWG/kcmil, Cu Only	Product Number
30A	NEMA Type 1	2	-	-	14-8	TC35321
60A	NEMA Type 1	3	-	-	14-4	TC35322
100A	NEMA Type 1	7 1/2	-	-	14-1/0	TC35323
200A	NEMA Type 1	15	-	-	6-250	TC35324
400A	NEMA Type 1	30	-	-	(2)1/0-250 or #2-600	TC35325
600A	NEMA Type 1	50	-	-	(2)3/0-350 or #2-600	TC35326 ²

Three-pole, 240 Volts AC, 250 Volts DC, No Fuse

Ampere Rating	Enclosure Type	HP, 240 Vac, NEC Std, 3-ph	HP, 480 Vac, NEC Std, 3-ph	HP, 600 Vac, NEC Std, 3-ph	Lug Wire Size, AWG/kcmil, Cu Only	Product Number
30A	NEMA Type 3R	2	-	-	14-8	TC35321R
60A	NEMA Type 3R	3	-	-	14-4	TC35322R
100A	NEMA Type 3R	7.5	-	-	14-1/0	TC35323R
200A	NEMA Type 3R	15	-	-	6-250	TC35324R
400A	NEMA Type 3R	30	-	-	(2) 1/0-250 or #2-600	TC35325R

Three-pole, 600 Volts AC, 250 Volts DC, No Fuse

Ampere Rating	Enclosure Type	HP, 240 Vac, NEC Std, 3-ph	HP, 480 Vac, NEC Std, 3-ph	HP, 600 Vac, NEC Std, 3-ph	Lug Wire Size, AWG/kcmil, Cu Only	Product Number
30A	NEMA Type 1	10	10	10	14-4	Use 60A
60A	NEMA Type 1	10	10	10	14-4	TC35362
100A	NEMA Type 1	15	15	15	14-1/0	TC35363
200A	NEMA Type 1	30	30	30	6-250	TC35364
400A	NEMA Type 1	-	-	-	(2)1/0-250 or #2-600	TC35365 ^{1,2,5}
600A	NEMA Type 1	-	-	-	(2)3/0-350 or #2-600	TC35366 ^{1,2}

Three-pole, 600 Volts AC, 250 Volts DC, No Fuse

Ampere Rating	Enclosure Type	HP, 240 Vac, NEC Std, 3-ph	HP, 480 Vac, NEC Std, 3-ph	HP, 600 Vac, NEC Std, 3-ph	Lug Wire Size, AWG/kcmil, Cu Only	Product Number
30A	NEMA Type 3R	10	10	10	14.4	Use 60A
60A	NEMA Type 3R	10	10	10	14-4	TC35362R
100A	NEMA Type 3R	15	15	15	14-1/0	TC35363R
200A	NEMA Type 3R	30	30	30	6-250	TC35364R

240 Volts AC, Fusible

Ampere Rating	Enclosure Type	HP, 240 Vac, Time Delay, 1-ph	HP, 480 Vac, Time Delay, 1-ph	HP, 600 Vac, Time Delay, 1-ph	HP, 240 Vac, Time Delay, 3-ph	HP, 480 Vac, Time Delay, 3-ph	HP, 600 Vac, Time Delay, 3-ph	HP, DC @ 250V	Product Number
30A	NEMA Type 1	3	-	-	7 1/2	-	-	5	TDT3321
60A	NEMA Type 1	10	-	-	15	-	-	10	TDT3322
100A	NEMA Type 1	15	-	-	30	-	-	20	TDT3323
200A	NEMA Type 1	15	-	-	60	-	-	40	TDT3324 ³
400A	NEMA Type 1	-	-	-	125	-	-	50	TDT3325
600A	NEMA Type 1	-	-	-	50	-	-	50	TDT3326 ⁴
30A	NEMA Type 3R	3	7 1/2	10	7 1/2	15	20	5	TDT3321R
60A	NEMA Type 3R	10	20	25	15	30	50	10	TDT3322R
100A	NEMA Type 3R	15	30	40	30	60	75	20	TDT3323R
200A	NEMA Type 3R	15	50	50	60	125	150	40	TDT3324R ³

600 Volts AC, Fusible

Ampere Rating	Enclosure Type	HP, 240 Vac, Time Delay, 1-ph	HP, 480 Vac, Time Delay, 1-ph	HP, 600 Vac, Time Delay, 1-ph	HP, 240 Vac, Time Delay, 3-ph	HP, 480 Vac, Time Delay, 3-ph	HP, 600 Vac, Time Delay, 3-ph	HP, DC @ 250V	Product Number
30A	NEMA Type 1	3	7 1/2	10	7 1/2	15	20	-	TDT3361
60A	NEMA Type 1	10	20	25	15	30	50	-	TDT3362
100A	NEMA Type 1	15	30	40	30	60	75	-	TDT3363
200A	NEMA Type 1	15	50	50	60	125	150	40	TDT3364 ³
400A	NEMA Type 1	-	-	-	125	250	350	50	TDT3365
100A	NEMA Type 3R	15	30	40	30	60	75	20	TDT3363R
200A	NEMA Type 3R	15	50	50	60	125	150	40	TDT3364R ³

¹Not UL Listed.

²Not suitable for use as service equipment per NEC Article 702.

³200 Amp switches move load base for Class J fuses.

⁴600 Amp switch available with Class T fuse provision only.

⁵No provision for auxiliary contact kit.



Safety Switches Double-Throw Switches

Spec-Setter™ Safety Switches

Type TC Outdoor

240, 480, 600 Volts AC

250 Volts DC

Three-wire SN, 120/240 Volts AC, No Fuse—Emergency Power Transfer Switch

Ampere Rating	Poles	Enclosure Type	Lug Wire Size, AWG/kcmil, Cu/Al	Product Number
100A	2	NEMA Type 3R	12-1	TC10323R
200A	2	NEMA Type 3R	6-250	TC10324R

Four-wire SN, 240 Volts AC, No Fuse—Emergency Power Transfer Switch

Ampere Rating	Poles	Enclosure Type	Lug Wire Size, AWG/kcmil, Cu/Al	Product Number
200A	3	NEMA Type 3R	6-250	TC10424R

Accessories for TDT-Style Fusible Double-Throw Safety Switches (Standard Delivery—4 Weeks)

Accessory Type	Description	Product Number
Control Pole	–	DS16CP
Electrical Interlocks	30-800 A, 1N	DS200EK1
Electrical Interlocks	30-800 A, 2N	DS200EK2
Neutral Kit	30-100 A	DT100NK
Neutral Kit	200 A	DT200NK
Neutral Kit	400-600 A	DS800NK
Class J Fuse Field Conversion Kit	400 A (600 V only)	DT400JK
Equipment Ground Kits	30-100 A Kit	DS100GK
Equipment Ground Kits	200 A Kit	DS200GK
Equipment Ground Kits	400-800 A Kit	DS468GK
Class R Fusing Kit—Field Installable	for 3 Poles 30 A (240V)	DS12FK
Class R Fusing Kit—Field Installable	for 3 Poles 30 & 60 A	DS16FK
Class R Fusing Kit—Field Installable	for 3 Poles 60 A (600V)	DS26FK
Class R Fusing Kit—Field Installable	for 3 Poles 100 A (240V & 600V)	DS36FK
Class R Fusing Kit—Field Installable	for 3 Poles 200 A (240V & 600V)	DS46FK
Class R Fusing Kit—Field Installable	for 3 Poles 400 A (240V & 600V)	DS56FK
Class R Fusing Kit—Field Installable	for 3 Poles 600A (240V & 600V)	DS66FK
T Fuse Clip	for 3 Pole 200A (240V)	DS426TK
T Fuse Clip	for 3 Pole 200A (600V)	DS466TK
T Fuse Clip	for 1 Pole 400A (240V)	DS526TK ¹
T Fuse Clip	for 1 Pole 400A (600V)	DS566TK ¹
T Fuse Clip	for 1 Pole 600A (240V)	DS626TK ¹
T Fuse Clip	for 1 Pole 600A (600V)	DS666TK ¹
Conduit Hub—3"	for 200A Type 3R (240V & 600V)	TC300

¹Order one kit per pole.

Accessories for 240V & 600V TC Non-Fusible Double Throw Safety Switches

Accessory Type	Switch Amp Rating	Description	Voltage	Product Number
Neutral Kits	30	(5) 1/0-14 with bond strap	240	TNK100
Neutral Kits	60	(5) 1/0-14 with bond strap	240	TNK100
Neutral Kits	100	(5) 1/0-14 with bond strap	240	TNK100
Neutral Kits	200	with bond screw	240	TNK200
Neutral Kits	400	(3) 2-600MCM with bond lug	240	TNK400
Neutral Kits	60	(5) 1/0-14 with bond strap	600	TNK100
Neutral Kits	100	(5) 1/0-14 with bond strap	600	TNK100
Neutral Kits	200	with bond screw	600	TNK200
Ground Kits	30	(4) 14-8 AWG CU or 12-8 AWG AL plus (3) 14-4 AWG CU or 6-4 AWG AL		TGL1
Ground Kits	60	(4) 14-8 AWG CU or 12-8 AWG AL plus (3) 14-4 AWG CU or 6-4 AWG AL		TGL1
Ground Kits	100	(3) #12-1/0 AWG CU/AL		TNG3
Ground Kits	200	(3) #12-1/0 AWG CU/AL		TNG3
Ground Kits	400	(3) #2-250MCM CU/AL		TGL6
Ground Kits	600	(3) #2-250MCM CU/AL		TGL6
Auxiliary Contact Kit (field installed)	30-400	Auxiliary Contact Kit - Field installed for NEMA 1 and NEMA 3R TC35XXX Series Switches (unless noted otherwise)		THAUXDT

