

# Overview

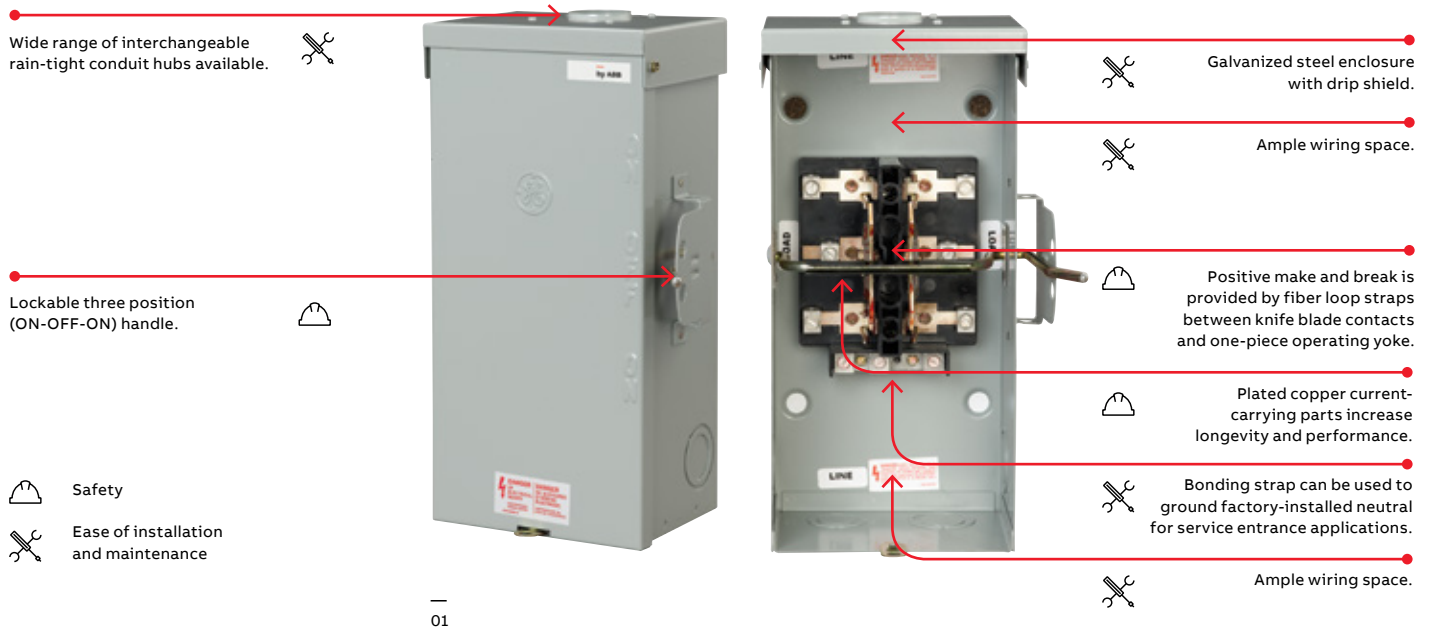
—  
01 100 A non-fusible  
2-pole 120/240 V  
NEMA 3R  
TC10323R

Type TC emergency power transfer switches are specifically designed to permit the connection of power from a standby generator or other emergency source of electricity and are ideally suited for outdoor applications in rural dwellings and farm buildings. They are suitable for use as service entrance equipment when installed in accordance with 2017 NEC for service equipment. Emergency power transfer switches are non-fusible and are available in 100–200 amps for 120/240 V three-wire systems and in 200 amps for 240 V four-wire systems, in NEMA type 3R (outdoor) enclosures. The side operated handle can be locked in either the ON or OFF position.

All our emergency power transfer 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

## Features



## Emergency power transfer switches

Amperage rating	Wire range AWG/ kcmil CU/AL	Product number NEMA type 3 outdoor
<b>Non-fusible 2-pole 3-wire 120/240 V 50/60 Hz</b>		
100	12-1	TC10323R
200	6-250	TC10324R
<b>Non-fusible 3-pole 4-wire 240 V 50/60 Hz</b>		
200	6-250	TC10424R



## Safety switch enclosure dimensions

Double throw, NEMA type 1 TC, type 3R TC

**Double throw, NEMA type 1 TC**  
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
	TC35321	15.8	10.4	12.0	5.2	8.7	14	10103091SH115	7
	TC35322	18.8	11.4	13.0	6.3	9.3	19	10103091SH115	7
	TC35323	22.4	14.5	16.0	7.9	14.5	34	10103091SH117	9
	TC35324	30.2	17.9	19.5	8.9	11.9	54	10103091SH117	10
	TC35325	34.3	24.5	26.7	10.3	17.1	83	10103091SH122	10
	TC35326	44.4	23.5	25.6	11.3	17.5	140	10103091SH122	12
	TC35327	63.8	27.0	27.8	8.9	14.1	175	10103091SH143	
	TC35327N	63.8	27.0	27.8	8.9	14.1	175	10103091SH143	No KO
	TC35328	78.1	42.6	43.8	20.5	29.6	471	10103091SH145	
	TC35361	25.0	12.0	12.8	6.0	11.2	44	10103091SH185	
	TC35362	18.8	11.4	13.0	6.3	9.3	21	10103091SH115	7
	TC35363	22.4	14.5	16.0	7.9	14.5	38	10103091SH117	9
	TC35364	30.2	17.9	19.5	8.9	11.9	62	10103091SH117	10
	TC35365	34.3	20.4	22.6	10.3	17.1	89	10103091SH122	10
	TC35366	44.4	23.5	25.6	11.3	17.5	140	10103091SH122	12
	TC35367	63.8	27.0	27.8	8.9	14.1	175	10103091SH143	
	TC35367N	63.8	27.0	27.8	8.9	14.1	175	10103091SH143	No KO
	TC35368	78.1	42.6	43.8	20.5	29.6	471	10103091SH145	

**Double throw, NEMA type 3R TC**  
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
	TC10323R	15.1	7.2	8.2	5.2	8.5	10	10103091SH131	15
	TC10324R	30.2	13.3	16.8	8.5	12.1	38	10103091SH131	13
	TC10424R	30.2	13.3	16.8	8.5	12.1	38	10103091SH131	13
	TC35321R	19.8	10.4	12.3	5.2	10.3	14	10103091SH126	
	TC35322R	20.8	11.4	13.3	6.3	11.4	19	10103091SH126	
	TC35323R	22.9	14.4	16.6	7.9	14.5	35	10103091SH125	
	TC35324R	30.6	17.9	19.6	8.9	1.9	54	10103091SH125	
	TC35325R	34.8	24.4	27.3	10.3	17.3	98	10103091SH143	
	TC35326R	63.8	23.7	24.5	8.9	14.1	175	10103091SH143	
	TC35327R	63.8	27.0	27.8	8.9	14.1	175	10103091SH143	
	TC35327RN	63.8	27.0	27.8	8.9	14.1	175	10103091SH143	No KO
	TC35328R	78.1	42.6	43.8	20.5	29.6	473	10103091SH145	
	TC35361R	25.0	12.0	12.8	6.0	11.2	44	10103091SH185	
	TC35362R	20.8	11.4	13.3	6.3	11.4	21	10103091SH126	
	TC35363R	22.9	14.4	16.6	7.9	14.5	39	10103091SH125	
	TC35364R	30.6	17.9	19.6	8.9	1.9	62	10103091SH125	
	TC35365R	54.3	22.7	23.5	7.3	12.5	140	10103091SH143	
	TC35366R	63.8	23.7	24.5	8.9	14.1	175	10103091SH143	
	TC35367R	63.8	27.0	27.8	8.9	14.1	175	10103091SH143	
	TC35367RN	63.8	27.0	27.8	8.9	14.1	175	10103091SH143	
	TC35368R	78.1	42.6	43.8	20.5	29.6	473	10103091SH145	

# Safety switch knockouts

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Dimensions—Knockouts

Symbol	A	B	C	D	E	F	G	H	J	K	L	M	N
	$\frac{9}{32}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$	1	1	2	2	$2\frac{1}{2}$
Conduit size (inches)	—	—	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	1	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	3
	—	—	—	1	1	1	—	$1\frac{1}{4}$	$1\frac{1}{2}$	2	3	3	—
	—	—	—	—	$1\frac{1}{4}$	$1\frac{1}{2}$	—	$1\frac{1}{2}$	2	$2\frac{1}{2}$	—	$3\frac{1}{2}$	—

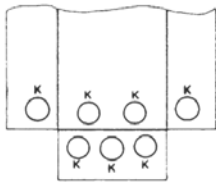


Figure 11

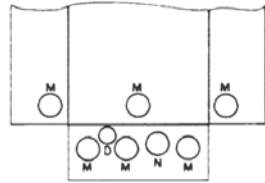


Figure 12

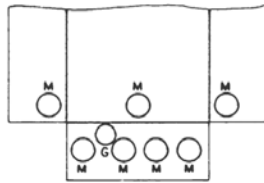


Figure 13

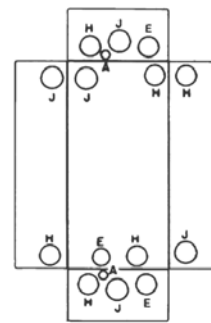


Figure 14

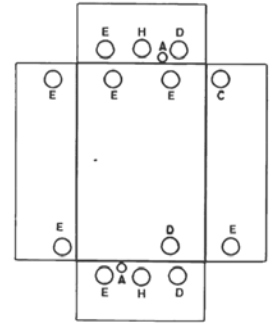


Figure 15

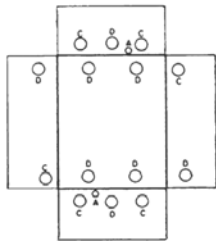


Figure 16

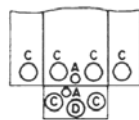


Figure 17

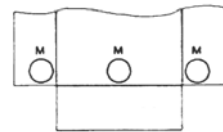


Figure 18

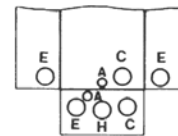


Figure 19

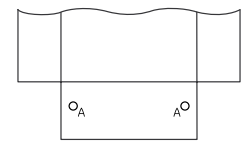


Figure 20