

**COMPLETE WIRE MANAGEMENT SOLUTIONS**



## **TECHSPAN TOGGLE SWITCHES**

**Basic, Toggle, Rocker Switches and More!**



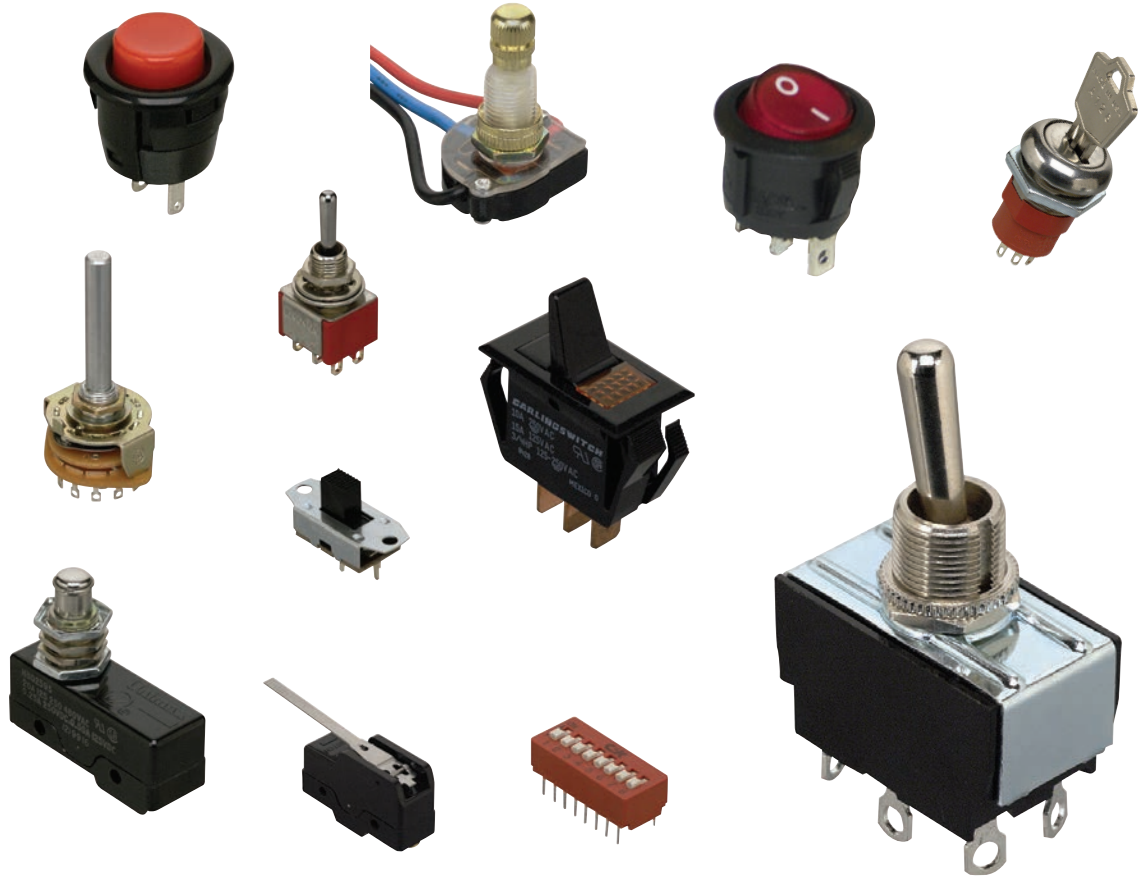
**TECHSPAN**



# TECHSPAN TOGGLE SWITCHES

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## SUB-MINI & MINIATURE TOGGLES



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9



Fig. 10



Fig. 11



Fig. 12

### Sub-Miniature Toggles

Retail Part No.	Figure No.	Circuit Function		Poles/Throws	125VAC/28VDC	AMPS 250VAC	Actuator Style	Actuator Material	Bushing Length	Mounting Hole	Terminal Type	Hardware
35-000	1	On	Off	SPST	3A	1.5	Bat	BCP	0.220"	0.195"	Solder	2 N, LR, LW
35-001	2	On	On	SPDT	3A	1.5	Bat	BCP	0.220"	0.195"	Solder	2 N, LR, LW
35-002	3	On	On	DPDT	3A	1.5	Bat	BCP	0.220"	0.195"	Solder	2 N, LR, LW

### Miniature Toggles

Retail Part No.	Figure No.	Circuit Function		Poles/Throws	125VAC/28VDC	AMPS 250VAC	Actuator Style	Actuator Material	Bushing Length	Mounting Hole	Terminal Type	Hardware
35-003	2	On	(On)	SPDT	5	2	Bat	BCP	0.350"	0.250"	Solder	2 N, LR, LW
35-004	2	On	On	SPDT	5	2	Bat	BCP	0.350"	0.250"	Solder	2 N, LR, LW
35-005	2	On	Off On	SPDT	5	2	Bat	BCP	0.350"	0.250"	Solder	2 N, LR, LW
35-006	4	On	Off	SPST	5	2	Bat with Boot	BCP	0.350"	0.250"	Solder	2 N, LR, LW
35-007	2	On	Off (On)	SPDT	5	2	Bat	BCP	0.350"	0.250"	Solder	2 N, LR, LW
35-008	2	(On)	Off (On)	SPDT	5	2	Bat	BCP	0.350"	0.250"	Solder	2 N, LR, LW
35-009	5	On	On On	DPDT	5	2	Bat	BCP	0.350"	0.250"	Solder	2 N, LR, LW
35-010	6	On	On	DPDT	5	2	Bat	BCP	0.350"	0.250"	Solder	2 N, LR, LW
35-012	6	On	Off On	DPDT	5	2	Bat	BCP	0.350"	0.250"	Solder	2 N, LR, LW
35-014	6	On	(On)	DPDT	5	2	Bat	BCP	0.350"	0.250"	Solder	2 N, LR, LW
35-016	6	On	Off (On)	DPDT	5	2	Bat	BCP	0.350"	0.250"	Solder	2 N, LR, LW
35-018	6	(On)	Off (On)	DPDT	5	2	Bat	BCP	0.350"	0.250"	Solder	2 N, LR, LW
35-024	7	On	On	3PDT	5	2	Bat	BCP	0.350"	0.250"	Solder	2 N, LR, LW
35-026	7	On	Off On	3PDT	5	2	Bat	BCP	0.350"	0.250"	Solder	2 N, LR, LW
35-036	8	On	On	4PDT	5	2	Bat	BCP	0.350"	0.250"	Solder	2 N, LR, LW
35-038	8	On	Off On	4PDT	5	2	Bat	BCP	0.350"	0.250"	Solder	2 N, LR, LW
35-053	9	On	On	SPDT	5	2	Flat Lever	Metal	0.364"	0.250"	PCB	2 N, LR, LW
35-057	10	On	On	DPDT	5	2	Flat Lever	Metal	0.364"	0.250"	PCB	2 N, LR, LW
35-059	10	On	Off On	DPDT	5	2	Flat Lever	Metal	0.364"	0.250"	PCB	2 N, LR, LW
35-070	11	On	On	SPDT	6	3	Paddle	Polyamide	0.452"	0.500"	Solder/QC	N, KN
35-071	11	On	Off On	SPDT	6	3	Paddle	Polyamide	0.452"	0.500"	Solder/QC	N, KN
35-072	12	On	On	DPDT	6	3	Paddle	Polyamide	0.452"	0.500"	Solder/QC	N, KN

Notes: (On) = Momentary On  
BCP = Brass Chrome Plate

KN = Knurled Nut  
LR = Lock Ring

LW = Lock Washer  
N = Nut(s)

PCB = Printed Circuit Board  
QC = Quick Connect

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.

All quantities are single.

## MINIATURE TOGGLES



Fig. 1



Fig. 2

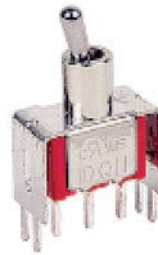


Fig. 3

### Miniature Toggles with Printed Circuit Board Terminals

Retail Part No.	Figure No.	Circuit Function			Poles/Throws	125VAC/28VDC	AMPS 250VAC	Actuator Style	Actuator Material	Bushing Length	Mounting Hole	Terminal Type	Hardware
35-087	1	On		On	SPDT	5	2	Bat	BCP	0.350"	0.250"	PCB	2 N, LR, LW
35-079	2	On		On	DPDT	5	2	Bat	BCP	0.350"	0.250"	PCB	2 N, LR, LW
35-083	2	On	Off	(On)	DPDT	5	2	Bat	BCP	0.350"	0.250"	PCB	2 N, LR, LW
35-085	2	(On)	Off	(On)	DPDT	5	2	Bat	BCP	0.350"	0.250"	PCB	2 N, LR, LW

### Miniature Toggles with Printed Circuit Board with Integral Bracket Terminals

Retail Part No.	Figure No.	Circuit Function			Poles/Throws	125VAC/28VDC	AMPS 250VAC	Actuator Style	Actuator Material	Bushing Length	Mounting Hole	Terminal Type
35-093	3	On	Off	(On)	SPDT	5	2	Bat	BCP	0.350"	0.250"	PCB†

Notes: (On) = Momentary On  
BCP = Brass Chrome Plate

LW = Lock Washer  
N = Nut(s)

LR = Lock Ring  
PCB = Printed Circuit Board

PCB† = Printed Circuit Board with Integral Bracket

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.  
All quantities are single.



Fig. 4



Fig. 5



Fig. 6



Fig. 7

### Miniature Toggles with Printed Circuit Board Right Angle Vertical Mount Terminals

Retail Part No.	Figure No.	Circuit Function			Poles/Throws	125VAC/28VDC	AMPS 250VAC	Actuator Style	Actuator Material	Bushing Length	Mounting Hole	Terminal Type
35-104	4	On	Off	On	SPDT	5	2	Bat	BCP	0.350"	0.250"	PCB††
35-107	5	On		On	DPDT	5	2	Bat	BCP	0.350"	0.250"	PCB††
35-108	5	On		(On)	DPDT	5	2	Bat	BCP	0.350"	0.250"	PCB††

### Miniature Toggles with Printed Circuit Board Right Angle Horizontal Mount Terminals

Retail Part No.	Figure No.	Circuit Function			Poles/Throws	125VAC/28VDC	AMPS 250VAC	Actuator Style	Actuator Material	Bushing Length	Mounting Hole	Terminal Type
35-115	6	On		On	SPDT	5	2	Bat	BCP	0.350"	0.250"	PCB†††
35-125	6	(On)	Off	(On)	SPDT	5	2	Bat	BCP	0.350"	0.250"	PCB†††
35-127	7	On		On	DPDT	5	2	Bat	BCP	0.350"	0.250"	PCB†††
35-135-BU	7	(On)	Off	(On)	DPDT	5	2	Bat	BCP	0.350"	0.250"	PCB†††

Notes: (On) = Momentary On  
BCP = Brass Chrome Plate

KN = Knurled Nut  
LR = Lock Ring

LW = Lock Washer  
N = Nut(s)

PCB = Printed Circuit Board  
PCB† = Printed Circuit Board with Integral Bracket  
QC = Quick Connect

PCB†† = Printed Circuit Board Right Angle Vertical Mount  
PCB††† = Printed Circuit Board Right Angle Horizontal Mount

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.  
All quantities are single.

# TOGGLE SWITCHES

## MEDIUM DUTY TOGGLES



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9



Fig. 10



Fig. 11



Fig. 12



Fig. 13

Retail Part No.	Figure No.	Circuit Function		Poles/Throws	AMPS 125VAC	AMPS 250VAC	AMPS 12VDC	HP 125-250VAC	Actuator Style	Color	Bushing Length	Mounting Hole	Terminal Type	Hardware
35-090	1	On	Off	-			16		Paddle*	Red	0.342"	0.500"	QC .250"	N, LN
35-092	1	On	Off	-			16		Paddle*	Green	0.342"	0.500"	QC .250"	N, LN
35-094	1	On	Off	-			16		Paddle*	Amber	0.342"	0.500"	QC .250"	N, LN
35-3008	2	On	Off	-	15	10		3/4	Paddle	Black		0.550" x 1.125"	QC .250"	N, LN
35-3091	3	On	Off	-	15	10		3/4	Paddle**	Amber		0.550" x 1.125"	QC .250"	N, LN
35-3140	4	On	Off	-	15	10		3/4	Paddle*	Red/Green	0.379"	0.500"	QC .250"	N, LN
35-132	5	On		On	DPDT	3			Bat	Metal	0.418"	0.500"	Solder	2 N, ID
35-064	6	On		Off	SPST	4	2		Bat	Metal	0.418"	0.500"	Solder	2 N, ID
35-076	7	Off		(On)	SPST	6	3	1/4	Bat	Metal	0.465"	0.500"	Solder	N, KN
35-086	7	On	Off	(On)	SPDT	6	3	1/4	Bat	Metal	0.465"	0.500"	Solder	N, KN
35-114	7	On		On	SPDT	6	3	1/4	Bat	Metal	0.465"	0.500"	Solder	N, KN
35-116	7	On		(On)	SPDT	6	3	1/4	Bat	Metal	0.465"	0.500"	Solder	N, KN
35-117	8	On		On	DPDT	6	3	1/4	Bat	Metal	0.468"	0.500"	QC .250"	N, KN
35-118	8	On		Off	DPST	6	3		Bat	Metal	0.468"	0.500"	QC .250"	N, KN
35-154	9	On		(On)	DPDT	6	3	1/4	Bat	Metal	0.465"	0.500"	Solder	N, KN
35-160	10	On	Off		SPST	6	3		Bat	Metal	0.465"	0.500"	Solder	N, KN
35-167	11	On	Off		SPST	6	3		Bat	Metal	0.470"	0.500"	Srew	N, KN, Sc
35-171	12	On		Off	SPST	6	3		Ball	Metal	0.276"	0.500"	Srew	N, KN, Sc, ID
35-186	13	On		On	DPDT	6	3	3/4	Paddle	Black Plastic	0.379"	0.500"	Solder	N, KN
35-188	13	On	Off	On	DPDT	6	3	3/4	Paddle	Black Plastic	0.379"	0.500"	Solder	N, KN

Notes: \*Lighted Paddles (12V Incandescent)  
 \*\*Lighted Base (125 V Neon)  
 Notes: (On) = Momentary On  
 \*Rated 20A @ 125-277VAC

FN = Face Nut  
 HP = Horse Power  
 ID = ID Plate

KN = Knurled Nut  
 NN = Nickel Nut  
 N = Nut(s)

QC = Quick Connect  
 WL = Wire Lead  
 Sc = Screw

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.  
 All quantities are single.

## MEDIUM DUTY TOGGLES (Cont.)



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7

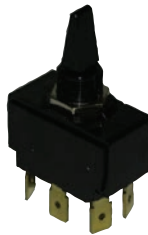


Fig. 8



Fig. 9



Fig. 10



Fig. 11

Retail Part No.	Figure No.	Circuit Function		Poles/Throws	AMPS 125VAC	AMPS 250VAC	HP 125-250VAC	Actuator Style	Actuator Material	Bushing Length	Mounting Hole	Terminal Type	Hardware	
35-854	1	On		Off	SPST	6	3		Bat	Black Plastic	0.342"	0.500"	WL	KN, ID
35-1076	2	Off		(On)	SPST	6	3	1/4	Bat	Metal	0.465"	0.500"	Screw	N, KN, FN, Sc
35-1114	2	On		On	SPDT	6	3	1/4	Bat	Metal	0.465"	0.500"	Screw	N, KN, FN, Sc
35-1116	2	On		(On)	SPDT	6	3	1/4	Bat	Brass	0.465"	0.500"	Screw	N, KN, FN, Sc
35-3035	3	On		Off	SPST	6	3		Bat	Brass	0.325"	0.500"	Screw	2 N
35-119	4	On		Off	SPST	10	5	1/2	Bat	Metal	0.500"	0.500"	QC .250"	N, KN
35-120	4	On		On	SPDT	10	5	1/2	Bat	Metal	0.500"	0.500"	QC .250"	N, KN
35-180	5	On		Off	SPST	10	5	1/2	Paddle	Black Plastic	0.280"	0.500"	QC .250"/Sd	FN, NN
35-182	5	On		On	SPDT	10	5	1/2	Paddle	Black Plastic	0.280"	0.500"	QC .250"/Sd	FN, NN
35-184	5	On	Off	On	SPDT	10	5	1/2	Paddle	Black Plastic	0.280"	0.500"	QC .250"/Sd	FN, NN
35-3050	6	On		Off	SPST	10	4	1/3	Bat	Brass	0.325"	0.500"	WL	2 N
35-112	7	On		Off	DPST	15	10		Bat	Metal	0.468"	0.500"	Solder	N, KN
35-152	7	On		On	DPDT	15	10		Bat	Metal	0.468"	0.500"	Solder	N, KN
35-3127	11	(On)	Off	(On)†	DPDT	15	10	1/2	Bat	Metal	0.465"	0.500"	QC .250"	FN, N
35-3153	8	(On)	Off	(On)	SPDT	15	10	3/4	Paddle	Black Nylon	0.379"	0.500"	QC .250"	FN, NN
35-3169	9	(On)	Off	(On)	SPDT	15	10	3/4	Paddle	Black Nylon	0.379"	0.500"	Screw	FN, NN, Sc
35-178	10	On		Off	SPST	20	20	**	Paddle	Black Plastic	0.342"	0.500"	QC .250"/Sd	N, BFN
35-3009	5	On		Off	SPST	20	10	1-1/2	Paddle	Black Nylon	0.280"	0.500"	QC .250"/Sd	KN
35-3150	8	On	Off	On	SPDT	20*		1-1/2	Paddle	Black Nylon	0.379"	0.500"	QC .250"	FN, NN
35-3154	8	On		Off	DPST	20*		1-1/2	Paddle	Black Nylon	0.379"	0.500"	QC .250"	FN, NN
35-3156	8	On		On	DPDT	20*		1-1/2	Paddle	Black Nylon	0.379"	0.500"	QC .250"	FN, NN
35-3158	8	On	Off	On	DPDT	20*		1-1/2	Paddle	Black Nylon	0.379"	0.500"	QC .250"	FN, NN
35-3160	9	On		Off	SPST	20*		1-1/2	Paddle	Black Nylon	0.379"	0.500"	Screw	FN, NN, Sc
35-3162	9	On		On	SPDT	20*		1-1/2	Paddle	Black Nylon	0.379"	0.500"	Screw	FN, NN, Sc
35-3164	9	On		Off	DPST	20*		1-1/2	Paddle	Black Nylon	0.379"	0.500"	Screw	FN, NN, Sc
35-3168	9	On	Off	On	DPDT	20*		1-1/2	Paddle	Black Nylon	0.379"	0.500"	Screw	FN, NN, Sc

Notes: (On) = Momentary On  
 \*Rated 20A @ 125-277VAC  
 BFN = Brass Face Nut  
 FN = Face Nut

HP = Horse Power  
 ID = ID Plate  
 KN = Knurled Nut  
 NN = Nickel Nut

N = Nut(s)  
 QC = Quick Connect  
 Sc = Screw  
 Sd = Solder

WL = Wire Lead  
 † = Reversing Toggle  
 \*\* = 1/2 HP@125V, 1 HP@250V

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.  
 All quantities are single.

## HEAVY DUTY TOGGLES



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9



Fig. 10



Fig. 11



Fig. 12



Fig. 13



Fig. 14



Fig. 15



Fig. 16



Fig. 17



Fig. 18

Retail Part No.	Figure No.	Circuit Function		Poles/Throws	AMPS 125VAC	AMPS 250VAC	HP 125-250VAC	Actuator Style	Actuator Material	Bushing Length	Mounting Hole	Terminal Type	Hardware	
35-078	1	On	Off	SPST	15	10	3/4	Bat	Metal			Screw	N, FN, Sc	
35-143	2	On	Off	On	4PDT	15	10	3/4	Bat	Metal	0.465"	0.500"	Screw	N, FN, Sc
35-3080	2	On	On	4PDT	15	10	3/4	Bat	Metal	0.465"	0.500"	Screw	N, FN, Sc	
35-3135	3	**	10n	Off	†	15	10	1/2	Bat	Brass	0.468"	0.500"	Screw	N, FN, Sc
35-126	4	On	Off	DPST	16	8	1	Bat	Metal	0.465"	0.500"	Screw	N, FN	
35-3070	4	On	Off	SPST	16	8	1-1/2	Bat	Metal	0.465"	0.500"	Screw	N, Sc	
35-140	5	On	Off	On	3PDT	17	12	1-1/2	Bat	Metal	0.465"	0.500"	Screw	N, FN, Sc
35-141	5	On	On	3PDT	17	12	1-1/2	Bat	Metal	0.465"	0.500"	Screw	N, FN, Sc	
35-080	6	On	Off	SPST	20	10*	3/4	Bat	Metal	0.470"	0.500"	Screw	N, KN, Sc, ID	
35-144	7	On	On	DPDT	20	10*	1-1/2	Bat	Metal	0.465"	0.500"	Solder	N, KN	
35-146	6	On	On	DPDT	20	10*	1-1/2	Bat	Metal	0.470"	0.500"	Screw	N, KN, Sc	
35-149	7	On	Off	On	DPDT	20	10	3/4	Bat	Metal	0.465"	0.500"	Solder	N, KN
35-150	6	(On)	Off	(On)	DPDT	20	10*	1-1/2	Bat	Metal	0.470"	0.500"	Screw	N, KN, Sc
35-151	6	On	Off	(On)	DPDT	20	10*	1-1/2	Bat	Metal	0.470"	0.500"	Screw	N, KN, Sc
35-153	8	On	Off	(On)	SPDT	20	10*	3/4	Bat	Metal	0.470"	0.500"	Screw	N, KN, Sc
35-3015	9	On	Off	On	SPDT	20	10	3/4	Bat	Brass	0.325"	0.500"	QC .250"	N, KN
35-3025	7	On	Off	On	DPDT	20	10*	1-1/2	Bat	Brass	0.468"	0.500"	QC .250"	N, KN
35-3045	10	On	Off	DPST	20	10	3/4	Bat	Brass	0.468"	0.500"	QC .250"	N, KN	
35-3055	9	Off	(On)	SPST	20	10	3/4	Bat	Brass	0.468"	0.500"	QC .250"	N, KN	
35-3056	9	On	Off	SPST	20	10	3/4	Bat	Brass	0.325"	0.500"	Solder	N, KN	
35-3075	11	On	Off	DPST	20	10	1-1/2	Bat	Brass	0.465"	0.500"	Screw	N, Sc	
35-3170	12	On	Off	SPST	***	***	1/2	Bat	Brass	0.500"	0.438"	Screw	KN, Sc	
35-110	13	On	Off	On	SPDT	20	10*	3/4	Bat	Metal	0.470"	0.500"	Screw	N, KN, Sc
35-130	13	On	On	SPDT	20	10*	3/4	Bat	Metal	0.470"	0.500"	Screw	N, KN, Sc	
35-148	13	On	Off	On	DPDT	20	10*	1-1/2	Bat	Metal	0.470"	0.500"	Screw	N, KN, Sc
35-155	17	(On)	Off	(On)	SPDT	20	10*	3/4	Bat	Brass	0.325"	0.500"	Screw	N, KN, Sc
35-156	16	On	(On)	DPDT	20	10	1-1/2	Bat	Brass	0.468"	0.500"	QC .250"	N, KN	
35-185	14	On	Off	DPST	20	10*	1-1/2	Bat	Metal	0.465"	0.500"	QC .250"	N, KN	
35-3005	18	On	Off	SPST	20	10	3/4	Bat	Brass	0.325"	0.500"	QC .250"	N, KN	
35-3010	18	On	On	SPDT	20	10	3/4	Bat	Brass	0.325"	0.500"	QC .250"	N, KN	
35-3020	16	On	On	DPDT	20	10*	1-1/2	Bat	Brass	0.468"	0.500"	QC .250"	N, KN	
35-3060	14	On	Off	DPST	20	10*	1-1/2	Bat	Brass	0.468"	0.500"	Screw	N, KN, Sc	

Notes: (On)/(Off) = Momentary On/Off  
 \*Rated @ 277VAC  
 \*\*1&2 On

\*\*\*Rated 35A @ 6VDC/20A @ 12VDC  
 FN = Face Nut  
 † = Progressive Two Circuit

ID = ID Plate  
 KN = Knurled Nut  
 N = Nut

QC = Quick Connect  
 Sc = Screw

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.  
 All quantities are single.

## LIGHTED TOGGLES



Fig. 1



Fig. 2



Fig. 3



Fig. 4

Retail Part No.	Figure No.	Circuit Function		Poles/Throws	AMPS 12 VDC	Actuator Style	Lamp Color	Terminal Type	Bushing Length	Mounting Hole	Hardware
35-3301	1	On	Off	SPST	20	LED Tip	Lighted Green LED	QC .250"	0.400"	0.500"	KN
35-3302	1	On	Off	SPST	20	LED Tip	Lighted Amber LED	QC .250"	0.400"	0.500"	KN
35-3303	1	On	Off	SPST	20	LED Tip	Lighted Blue LED	QC .250"	0.400"	0.500"	KN
35-3310	2	On	Off	SPST	20	LED Duckbill	Lighted Red LED	QC .250"	0.400"	0.500"	KN
35-3312	2	On	Off	SPST	20	LED Duckbill	Lighted Amber LED	QC .250"	0.400"	0.500"	KN
35-3321	3	On	Off	SPST	20	LED Paddle	Lighted Green LED	QC .250"	N/A	0.944"	N/A
35-3330	4	On	Off	SPST	20	LED Tip	Lighted Red LED	QC.187"/Solder	N/A	0.866"	N/A
35-3332	4	On	Off	SPST	20	LED Tip	Lighted Amber LED	QC.187"/Solder	N/A	0.866"	N/A
35-3333	4	On	Off	SPST	20	LED Tip	Lighted Blue LED	QC.187"/Solder	N/A	0.866"	N/A

Note: All figures are for illustration purpose only, and the number/type of terminals may vary  
 QC = Quick Connect  
 KN = Knurled Nut

## LIGHTED ROCKER



Fig. 5

Retail Part No.	Figure No.	Circuit Function		Poles/Throws	AMPS 12 VDC	Actuator Style	Lamp Color	Terminal Type	Bushing Length	Mounting Hole	Hardware
35-3370	5	On	Off	SPST	30	LED Oval Rocker	Lighted Red LED	QC .250"	0.350"	0.500"	KN
35-3371	5	On	Off	SPST	30	LED Oval Rocker	Lighted Green LED	QC .250"	0.350"	0.500"	KN
35-3372	5	On	Off	SPST	30	LED Oval Rocker	Lighted Amber LED	QC .250"	0.350"	0.500"	KN
35-3373	5	On	Off	SPST	30	LED Oval Rocker	Lighted Blue LED	QC .250"	0.350"	0.500"	KN

Note: All figures are for illustration purpose only, and the number/type of terminals may vary  
 QC = Quick Connect  
 KN = Knurled Nut

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.  
 All quantities are single.

# TOGGLE SWITCHES

## LIGHTED MINIATURE ROCKERS



Fig. 1



Fig. 2

Retail Part No.	Figure No.	Circuit Function		Poles/Throws	AMPS 125VAC	AMPS 250VAC	Actuator Color	Terminal Type	Mounting Hole
35-680	1	On	Off	SPST	5	3	Lighted Orange LED	QC .187"/Solder	0.512" x 0.750"
35-681	1	On	Off	SPST	5	3	Lighted Green LED	QC .187"/Solder	0.512" x 0.750"
35-682	1	On	Off	SPST	5	3	Lighted Red LED	QC .187"/Solder	0.512" x 0.750"
35-645	2	On	Off	SPST	10	5	Lighted Red LED	Solder Eyelet	0.755" x 0.508"
35-646	2	On	Off	DPST	10	5	Lighted Red LED	Solder Eyelet	0.755" x 0.508"

Notes: (On)/(Off) = Momentary On/Off

QC = Quick Connect

(In Series) Resistor Chart for 35-680, 35-681 and 35-682 for DC usage (pilot lamp). Diode for AC usage.

Forward	Current	Reverse	Intensity	Recommended Resistor @ Voltage		
V <sub>fd</sub>	I <sub>ld</sub>	V <sub>r</sub>	M <sub>co</sub>	5V	12V	24V
2.1	10	4V	1.6 typ.	270	1K	2.2K

## MINIATURE ROCKERS



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9



Fig. 10

Retail Part No.	Figure No.	Circuit Function		Poles/Throws	AMPS 125VAC	AMPS 250VAC	Actuator Color	Terminal Type	Imprinting Color and Marking	Mounting Hole
35-603	3	On	(On)	SPDT	4	2	Black Plastic	Solder Lug		0.350 x 0.734
35-615	4	On	On	SPDT	4	2	Black	QC .187"		0.508 x 0.756
35-605	5	On	Off	SPST	8	4	Black/Red Indicating	QC .187"	Red O-	0.508 x 0.756
35-606	6	On	On	DPDT	8	4	Black	QC .187"		0.508 x 0.756
35-608	6	On	Off	DPST	8	4	Black	QC .187"		0.508 x 0.756
35-609	6	On	On	SPDT	8	4	Black	QC .187"		0.508 x 0.756
35-674	7	On	On	DPDT	8	4	Red Plastic	Solder Lug		0.625 x 0.523
35-676	7	On	Off	DPDT	8	4	Red Plastic	Solder Lug		0.625 x 0.523
35-642	8	On	Off	SPST	10	6	Black Plastic	QC .250"	White O-	0.508 x 0.755
35-644	4	On	On	SPDT	10	5	Black	QC .187"		0.508 x 0.756
35-648	9	On	On	DPDT	10	5	Black	QC .187"		0.887 x 0.756
35-607	6	On	Off	SPST	11	N/R	Black	QC .187"		0.508 x 0.756
35-643	10	On	Off	DPST	16*	16	Black Plastic	QC .250"	White O-	0.483 x 1.021
35-3705	10	On	Off	DPST	16	16	White Plastic	QC .250"	Black O-	0.483 x 1.021

Notes: (On) = Momentary On

\*1/4 HP @ 125VAC, 1/2 HP @250VAC

QC = Quick Connect

N/R = Not Rated

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.

All quantities are single.

## STANDARD APPLIANCE ROCKERS



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9



Fig. 10



Fig. 11

Retail Part No.	Figure No.	Circuit Function		Poles/Throws	AMPS 125VAC	AMPS 250VAC	HP 125/250VAC	Actuator Color	Actuator Material	Imprinting Color and Marking	Mounting Hole	
35-3760	1	(On)		Off	SPST	15*	10		White	Nylon		0.550" x 1.125"
35-691	2	On		Off	SPST	16	10		Black	Nylon		0.550" x 1.125"
35-693	3	On		Off	SPST	16	10		Black	Nylon	Red On/Off	0.550" x 1.125"
35-694	2	On	Off	On	SPDT	16	10		Black	Nylon		0.550" x 1.125"
35-3030	3	On		Off	SPST	16*	10		Black	Nylon	Red On/Off	0.550" x 1.125"
35-3600	4	On		Off	SPST	15	10	3/4		Black Nylon		0.830" x 1.450"
35-3610	4	On		On	SPDT	15	10	3/4		Black Nylon		0.830" x 1.450"
35-3620	4	On	Off	On	SPDT	15	10	3/4		Black Nylon		0.830" x 1.450"
35-3630	4	On		Off	DPST	15	10	3/4		Black Nylon		0.830" x 1.450"
35-3636	4	On		Off	SPST	20	†	1-1/2		Black Nylon		0.830" x 1.450"
35-3640	4	On		On	DPDT	15	10	3/4		Black Nylon		0.830" x 1.450"
35-3650	4	On	Off	On	DPDT	15	10	3/4		Black Nylon		0.830" x 1.450"
35-3660	4	(On)		Off	DPST	15	10	3/4		Black Nylon		0.830" x 1.450"
35-3670	4	(Off)		On	DPST	15	10	3/4		Black Nylon		0.830" x 1.450"
35-3680	4	(On)		On	DPDT	15	10	3/4		Black Nylon		0.830" x 1.450"
35-3690	4	(On)	Off	On	DPDT	15	10	3/4		Black Nylon		0.830" x 1.450"
35-3695	4	(On)	Off	(On)	DPDT	15	10	3/4		Black Nylon		0.830" x 1.450"
35-3710	4	On		Off	SPST	16	10	3/4		Black Nylon		0.550" x 1.125"
35-3720	4	On		On	SPDT	16	10	3/4		Black Nylon		0.550" x 1.125"
35-620	5	On		Off	DPST	15	10	1/4		Red Poly	White On/Off	0.866" x 1.102"
35-640	6	On		On	SPDT	16	16	1		Black Nylon		1.100" x 0.453"
35-695	7	(On)	Off	(On)	SPDT	16	16	1		Black Plastic		0.550" x 1.180"
35-654	8	On		Off	DPST	20	15	N/R		Black Plastic		1.000" x 1.125"
35-691	9	On		Off	SPST	16	10		Black	Nylon		0.550" x 1.125"
35-694	9	On	Off	On	SPDT	16	10		Black	Nylon		0.550" x 1.125"
35-3600	10	On		Off	SPST	15	10	3/4		Black Nylon		0.830" x 1.450"
35-3630	10	On		Off	DPST	15	10	3/4		Black Nylon		0.830" x 1.450"
35-3640	10	On		On	DPDT	15	10	3/4		Black Nylon		0.830" x 1.450"
35-3695	10	(On)	Off	(On)	DPDT	15	10	3/4		Black Nylon		0.830" x 1.450"
35-695	11	(On)	Off	(On)	SPDT	16	16	1		Black Plastic		0.550" x 1.180"

Notes: (On) = Momentary On  
\*3/4 H.P. @ 125/250VAC

N/R = Not Rated  
All of the Above have Quick Connect .250" Terminals

† = 20A @ 277VAC and 2 H.P. @ 250VAC

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.  
All quantities are single.

## LIGHTED APPLIANCE ROCKERS



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9

### On-Off Circuit Function

Retail Part No.	Figure No.	Poles/Throws	AMPS 125VAC	AMPS 250VAC	HP 125 VAC	HP 250 VAC	HP 125-250 VAC	Actuator Color	Actuator Material	Lamp Voltage	Mounting Hole
35-660	1	SPST	** 10	N/R				Lighted Red		12V Incdt	0.550" x 1.125"
35-696	2	SPST	15	8			1/2	Lighted Red	Nylon	125V Ne	0.508" x 0.756"
35-656	3	SPST	15	10			1/2	Black w/Lighted Amber	Nylon	125V Ne	1.450" x 0.830"
35-662	4	SPST	15	15	1/2	1		Lighted Amber	Nylon	12V Incdt	0.453" x 1.110"
35-664	4	SPST	15	15	1/2	1		Lighted Green	Nylon	12V Incdt	0.453" x 1.110"
35-688	4	SPST	15*	15	1/2	1		Lighted Red	Nylon	125V Ne	0.453" x 1.110"
35-689	5	SPST	15	10			3/4	Lighted Red	Nylon	125V Ne	0.550" x 1.125"
35-3790	5	SPST	15	10			3/4	Lighted Amber	Nylon	125V Ne	0.550" x 1.125"
35-621	6	SPST	16	16				Black w/Red Lens	Plastic	125V Ne	0.870" x 1.070"
35-3730	7	SPST	16	10				Lighted Amber		125V Ne	0.550" x 1.125"
35-3740	7	SPST	16	10				Lighted Red		125V Ne	0.550" x 1.125"
35-655	8	DPST	20	15	N/R	N/R		Lighted Red	Plastic	125V Ne	1.000" x 1.125"
35-686	9	DPST	20	20	1/2	1		Black w/Red Indicator	Plastic	125V Ne	1.180" x 0.870"

Notes: \*Built-in Resistor  
 \*\*Rated 10 Amps @ 30VDC  
 \*\*\*Requires external resistor and diode for AC applications (not included)

Incdt = Incandescent  
 Ne = Neon  
 N/R = Not Rated  
 QC = Quick Connect

The Terminal Types for the above parts are QC .250" except for **35-696** is QC .187".

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.  
 All quantities are single.

## AUTOMOTIVE/MARINE ROCKERS



Fig. 1



Fig. 2

Retail Part No.	Figure No.	Circuit Function		Poles/Throws	AMPS 125VAC	AMPS 250VAC	Amps 12 VDC	HP 125-250 VAC	Lamp Color	Lamp Voltage	Terminal Type	Mounting Hole
35-3580	1	On	Off	SPST	15	10	N/R	1/2			QC .250"	0.830" x 1.450"
35-3585	1	On	On	DPDT			20				QC .250"	0.830" x 1.450"
35-3590	1	On	Off	On	DPDT		20				QC .250"	0.830" x 1.450"
35-3500	2	On	Off	SPST			20		Amber	12V Incandescent	QC .250"	0.830" x 1.450"
35-3505	2	On	Off	SPST			20		Green	12V Incandescent	QC .250"	0.830" x 1.450"
35-3510	2	On	Off	SPST			20		Red	12V Incandescent	QC .250"	0.830" x 1.450"
35-3515	2	On	Off	SPST			20		Blue	12V Incandescent	QC .250"	0.830" x 1.450"
35-3520	2	On	Off	On	DPDT		20		Amber	12V Incandescent	QC .250"	0.830" x 1.450"
35-3525	2	On	Off	On	DPDT		20		Green	12V Incandescent	QC .250"	0.830" x 1.450"
35-3530	2	On	Off	On	DPDT		20		Red	12V Incandescent	QC .250"	0.830" x 1.450"
35-3535	2	On	Off	On	DPDT		20		Blue	12V Incandescent	QC .250"	0.830" x 1.450"
35-3540	2	(On)	Off	SPST			20		Amber	12V Incandescent	QC .250"	0.830" x 1.450"
35-3545	2	(On)	Off	SPST			20		Green	12V Incandescent	QC .250"	0.830" x 1.450"
35-3550	2	(On)	Off	SPST			20		Red	12V Incandescent	QC .250"	0.830" x 1.450"
35-3555	2	(On)	Off	SPST			20		Blue	12V Incandescent	QC .250"	0.830" x 1.450"
35-3560	2	(On)	Off	(On)	DPDT		20		Amber	12V Incandescent	QC .250"	0.830" x 1.450"
35-3565	2	(On)	Off	(On)	DPDT		20		Green	12V Incandescent	QC .250"	0.830" x 1.450"
35-3570	2	(On)	Off	(On)	DPDT		20		Red	12V Incandescent	QC .250"	0.830" x 1.450"
35-3575	2	(On)	Off	(On)	DPDT		20		Blue	12V Incandescent	QC .250"	0.830" x 1.450"

Notes: For replacement gasket use part number **999-16543-001**

(On) = Momentary On  
QC = Quick Connect

All above parts have nylon actuators

## ROUND ROCKERS



Fig. 3



Fig. 4



Fig. 5



Fig. 6

Retail Part No.	Figure No.	Circuit Function		Poles/Throws	AMPS 125VAC	AMPS 250VAC	HP 250 VAC	Actuator Color	Imprinting Color and Marking	Terminal Type	Mounting Hole
35-1300	3	On	Off	SPST	10	6		Red (Lighted)*	White O- (See Fig.)	QC .187"	0.7952"
35-1301	3	On	Off	SPST	10	6		Green (Lighted)*	White O- (See Fig.)	QC .187"	0.7952"
35-1302	4	On	Off	SPST	10	6		Black	White O- (See Fig.)	QC .187"	0.7952"
35-1304	5	On	Off	DPST	10	6		Black	White O- (See Fig.)	QC .187"	0.7952"
35-1311	6	On	Off	SPST	10	6		Blk w/Red Indicator*	None	QC .187"	0.7952"

Notes: (On) = Momentary On  
QC = Quick Connect

\* = 125V Lamp

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.

All quantities are single.

## SUB-MINI & MINIATURE PUSHBUTTONS



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9



Fig. 10



Fig. 11



Fig. 12



Fig. 13

Retail Part No.	Figure No.	Circuit Function		Poles/Throws	AMPS 125VAC	AMPS 250VAC	Bushing Length	Actuator Length	Actuator Color	Actuator Style	Terminal Type	Mounting Hole	Hardware
35-402	1	On	(Off)	NC SPST	1/4*		0.125"	0.175"	Black	PI	Sd Lug	0.172"	N
35-3459	2	Off	(On)	NO SPST	1/4†		0.225"	0.240"	White	Pin	Sd Eyelet	0.250"	N
35-400	3	Off	(On)	NO SPST	1/2	1/4	0.125"	0.175"	Black	PI	Sd Lug	0.172"	N
35-401	4	Off	(On)	NO SPST	1		0.276"	0.091"	Black	RC	Sd Eyelet	0.281"	N, KN
35-410	4	Off	(On)	NO SPST	1		0.276"	0.091"	Red	RC	Sd Eyelet	0.281"	N, KN
35-415	5	Off	(On)	NO SPST	1	1/2		0.100"	Red	SqB	QC .187"/Sd	****	
35-450	6	On	(On)	SPDT	1*		0.250"	0.218"	White	Pin	Sd Eyelet	0.250"	2 N, LW, LR
35-451	7	On	(On)	DPDT	1*		0.250"	0.218"	White	Pin	Sd Eyelet	0.250"	2 N, LW, LR
35-404	8	On	On	SPDT	3		0.335"	0.315"	Black	RC	Sd Eyelet	0.250"	N, KN, W
35-405	9	On	On	DPDT	3		0.335"	0.315"	Black	RC	Sd Eyelet	0.250"	N, KN, W
35-406	10	On	Off	SPST	3		0.315"	0.315"	Black	RC	Sd Eyelet	0.315"	N, W
35-408	10	On	On	SPDT	3		0.315"	0.315"	Black	RC	Sd Eyelet	0.315"	N, W
35-409	10	Off	(On)	NO SPST	3		0.315"	0.315"	Black	RC	Sd Eyelet	0.315"	N, W
35-411	11	Off	(On)	NO SPST	3	1	0.295"	0.157"	Black	RB	Sd Eyelet	0.400"	N, W
35-412	12	Off	(On)	NO SPST	3	1	0.295"	0.157"	Black	SqB	Sd Eyelet	0.400"	N, W
35-413	13	Off	(On)	NO SPST	3	1	0.295"	0.157"	Black	RqB	Sd Eyelet	0.400"	N, W
35-417	13	Off	(On)	NO SPST	3	1	0.295"	0.157"	Red	RqB	Sd Eyelet	0.400"	N, W
35-425	9	On	(On)	DPDT	3		0.335"	0.315"	Blue	RC	Sd Eyelet	0.250"	N, KN, W

Notes: (On)/(Off) = Momentary On/Off  
 \*Rated@120VAC/28VDC  
 \*\*\*\*0.500 x 0.437  
 † = Rated @125VAC/DC

KN = Knurled Nut  
 LR = Lock Ring  
 LW = Lock Washer  
 N = Nut(s)  
 NC = Normally Closed  
 NO = Normally Open  
 N/R = Not Rated

QC = Quick Connect  
 RC = Round Cap  
 RqB = Rectangle Button

PI = Plunger  
 Sd = Solder  
 SqB = Square Button  
 W = Washer

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.  
 All quantities are single.

## MINIATURE PUSHBUTTONS



Fig. 5



Fig. 2



Fig. 6



Fig. 3



Fig. 7



Fig. 4



Fig. 8

Retail Part No.	Figure No.	Circuit Function		Poles/Throws	AMPS 125VAC	30 Watts	Bushing Length	Actuator Length	Actuator Color	Actuator Style	Terminal Type	Mounting Hole	Hardware
35-416	2	On	Off	SPDT	N/R	250mA	0.391"	0.110"	Red	RB	Sd Eyelet	0.469"	LN, LW
35-418	3	On	(Off)	SPDT	N/R	250mA	0.391"	0.110"	Black	RB	Sd Eyelet	0.469"	LN, LW
35-852	4	On	Off	SPST	6††		0.375"	0.344"	Black	CB	6" WL	0.375"	N, KN

Retail Part No.	Figure No.	Circuit Function		Poles/Throws	AMPS 125VAC	Amps 250 VAC	Bushing Length	Actuator Length	Actuator Color	Actuator Style	Terminal Type	Mounting Hole	Hardware
35-491	5	On	On	DPDT	0.50**	0.20		0.406"	Black	RmB	PCB/Sd Eye		N, LN

Retail Part No.	Figure No.	Circuit Function		Poles/Throws	AMPS 125VAC	30 VAC	Bushing Length	Actuator Length	Actuator Color	Actuator Style	Terminal Type	Mounting Hole	Hardware
35-475	6	(On)	Off	NO SPST	0.50	0.50	0.260"	0.500"	Red	RB	†††	0.500"	N, LN
35-476	7	Off	(On)	NO SPST	0.50		0.260"	0.500"	Black	RB	†††	0.500"	N, LN
35-3471	8	On	(Off)	NO SPST	***		0.374"	0.244"	White	RB	Sc	0.500"	N, LW

Notes: (On)/(Off) = Momentary On/Off  
 \*\*Rated@100VAC  
 \*\*\*Rated 2Amps @120VAC, 1A 277 VAC

†† = 3@250V AC  
 ††† = 6.3mm Tab w/Eyelet  
 35-491 is momentary on if the pin is removed  
 CB = Canopy Button  
 KN = Knurled Nut

LN = Lock Nut  
 LW = Lock Washer  
 N = Nut(s)  
 NC = Normally Closed  
 NO = Normally Open  
 N/R = Not Rated

PCB = Printed Circuit Board  
 RB = Round Button  
 RmB = Removable Button

Sc = Screw  
 Sd = Solder

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.  
 All quantities are single.

## STANDARD PUSHBUTTONS



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9



Fig. 10



Fig. 11



Fig. 12



Fig. 13



Fig. 14

Retail Part No.	Figure No.	Circuit Function		Poles/Throws	AMPS 125VAC	Amps 250 VAC	Bushing Length	Actuator Length	Actuator Color/Material	Frame/Bezel	Terminal Type	Mount Hole	Hardware
35-3454	1	On	Off	SPST††	10*	N/R	0.561"	0.410"	Chrm. Metal		6" WL	0.500"	N, KN
35-473	2	NO	NC	SPDT	16†	16†	0.380"	0.125"	Red Plastic	Black Shroud	QC .250"	0.500"	N
35-458	3	On	Off	SPST	15	10	0.562"	0.238"	Chrm. Metal		Sc	0.500"	N, KN, Sc
35-3425	4	On	Off	SPST	15	10	0.561"	0.415"	Chrm. Metal		Sc	0.500"	N, KN, Sc
35-3427	4	Off	(On)	NO SPST	15	10	0.561"	0.415"	Chrm. Metal		Sc	0.500"	N, KN, Sc
35-3429	4	On	(Off)	NC SPST	15	10	0.561"	0.415"	Chrm. Metal		Sc	0.500"	N, KN, Sc
35-3490	4	On	On	SPDT	15	10	0.561"	0.415"	Chrm. Metal		Sc	0.500"	2 N, Sc
35-455	5	Off	On	SPST	16^	16	Snap-in	0.157"	Red Plastic	Black	QC .250"/Sd	0.992"	
35-457	5	Off	(On)	NO SPST	16^	16	Snap-in	0.157"	Red Plastic	Black	QC .250"/Sd	0.992"	
35-459	5	Off	(On)	NO SPST	16^	16	Snap-in	0.157"	Black Plastic	Black	QC .250"/Sd	0.992"	
35-490	6	On	Off	DPDT††	8	6	0.730"	0.312"	OrangeΔ	Black	PCB/Sd Lug	0.530"	N, W
35-420	7	Off	(On)	NO SPST		3	0.276"	0.354"	Red Plastic	Chrm. Ring	Sd Eyelet	0.500"	N, W
35-421	8	Off	(On)	NO SPST		3	0.390"	0.244"	Red Plastic	Black Square	Sd Eyelet	0.500"	N, W
35-422	7	On	Off	SPST		3	0.276"	0.354"	White Plastic	Chrm. Ring	Sd Eyelet	0.500"	N, W
35-423	9	Off	(On)	NO SPST	3	N/R	Snap-in	0.125"	Red Plastic	Black	Sd Eyelet	0.687"	
35-3456	10	(On)	Off	SPST	6	3	0.500"	0.212"	White		Q.C.	0.500"	N, KN
35-3457	11	Off	(On)	NO SPST	6**	3**	0.500"	0.212"	Black Plastic		Sc	0.500"	N, KN, Sc
35-3458	11	(Off)	On	NC SPST	***	***	0.490"	0.200"	Red Plastic		Sc	0.500"	N, KN, Sc
35-430	12	Off	(On)	NO SPST	6	3	0.562"	0.437"	Chrm. Metal		Sd Eyelet	0.500"	N, KN
35-432	12	On	(Off)	NC SPST	6	3	0.562"	0.437"	Chrm. Metal		Sd Eyelet	0.500"	N, KN
35-448	13	On	Off	SPST	6	3	0.561"	0.415"	Chrm. Metal		Sd Eyelet	0.500"	N, KN
35-449	14	On	Off	SPST	6	3	0.561"	0.437"	Chrm. Metal		Sc	0.500"	N, KN

Notes: (On)/(Off)/(SPDT) = Momentary Action  
 \*Rated 8Amps @125V DC, 4Amps @250V DC, 1/3 HP @125VAC;  
 \*\*Rated 6Amps @120VAC/3Amps @240VAC  
 \*\*\*Rated 3Amps @120VAC/1.5Amps @277VAC  
 \*\*\*\*Rated (25, 15) Amps @ (6,12) VDC  
 ^ = 1/2 HP @ 125VAC, 1 HP @ 250 VAC  
 † = Rated 1/2 HP @125 VAC, 0.2A @250 VDC

†† = Alternate Action  
 Chrm. = Chrome  
 HP = Horse Power  
 35-490 comes with Nut and Washer Hardware  
 35-490 pin can be removed to make momentary  
 Δ = Mechanical Indicator, non-illuminated

NC = Normally Closed  
 NO = Normally Open  
 N/R = Not Rated  
 QC = Quick Connect  
 Sc = Screw

Sd = Solder  
 W = Washer  
 WL = Wire Lead  
 KN = Knurled Nut  
 N = Nut(s)

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.  
 All quantities are single.

## LIGHTED PUSHBUTTONS



Fig. 8



Fig. 9



Fig. 10



Fig. 11

### Switches

Retail Part No.	Figure No.	Circuit Function		Poles/Throws	Amps 125 VAC	Amps 250 VAC	Amps 14 VDC	HP 125 VAC	Bushing Length	Actuator Length	Actuator Color	Actuator Style	Terminal Type	Mounting Hole
35-480	8^	On	Off	SPST	10	10	10	1/4	Snap-in	0.360"	Red Lens	Square	QC .25"/Sd	1.10" x 0.88"
35-481††	8										Red Lens	Square		
35-482	8^	On	Off	SPST	10	10	10	1/4	Snap-in	0.360"	Amber Lens	Square	QC .25"/Sd	1.10" x 0.88"
35-484	8^	On	Off	SPST	10	10	10	1/4	Snap-in	0.360"	Green Lens	Square	QC .25"/Sd	1.10" x 0.88"
35-3412	9	(1NC)	(1NO)	SPDT		4†			0.295"	0.196"		Square	Sd Eyelet	0.638"
35-3414	9	1NC	1NO	SPDT		4†			0.295"	0.196"		Square	Sd Eyelet	0.638"
35-3430	9	2NC	2NO	DPDT		4†			0.295"	0.196"		Square	Sd Eyelet	0.638"
35-3431	10	2NC	2NO	DPDT		4†			0.295"	0.196"		Rq	Sd Eyelet	0.638"
35-3432	10	(1NC)	(1NO)	SPDT		4†			0.295"	0.196"		Rq	Sd Eyelet	0.638"

### Lens and Diffuser Kits

Choose a Lens and Diffuser Kit below to go with Fig. 9 and Fig. 10 above part numbers (Sold Separately)

Retail Part No.	Figure No.	Style	Color
35-3400-BU		12V Replacement Bulb	

Retail Part No.	Figure No.	Style	Color
35-3442	11	Rectangle	Red
35-3443	11	Rectangle	Clear
		12V Replacement Bulb	

Notes: ( ) = Momentary Function  
 \*NC = Normally Closed and NO = Normally Open  
 ^ = 12V Incandescent

N/R = Not Rated  
 PCB = Printed Circuit Board  
 † = 0.2A @ 220VDC, 5mA @ 12VAC/DC

†† = Lens Only  
 QC = Quick Connect  
 Rq = Rectangle  
 Sd = Solder

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.  
 All quantities are single.

## TACTILE PUSHBUTTONS



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5

Retail Part No.	Figure No.	Circuit Function		Poles/Throws	Amps 12 VDC	50VAC/DC	Operating Force	Actuator Height	Actuator Color	Mounting Style	Body Size	Protection
35-1451	1	(On)	Off	SPST	50mA		160g	0.169"	Gray	PCB, Low Profile	0.472"	IP57 Protected Against Dust Temporary Immersion
35-1452	2	(On)	Off	SPST	50mA		130g	0.169"	Black	PCB, Low Profile	0.236"	
35-1453	3	(On)	Off	SPST	50mA		200g	0.151"	Gray	PCB, Low Profile	0.280"	
35-1411	4	(On)	Off	SPST		1.0VA		0.093"		PCB	0.283" (7mm)	
35-1414	4	(On)	Off	SPST		1.0VA		0.156"		PCB	0.283" (7mm)	
35-1412	5	(On)	Off	SPST		1.0VA		0.093"		Surface	0.283" (7mm)	

Notes: (On) = Momentary On

PCB = Printed Circuit Board

35-1453 is a Right Angle Style Pushbutton

## SUB-MINIATURE SNAP ACTION



Fig. 6



Fig. 7



Fig. 8



Fig. 9

Retail Part No.	Figure No.	Poles/Throws	Amps 250 VAC	Operating Point (In)	Over Travel Min. (In)	Differential Travel Max. (In)	Operating Force Max. Oz. (grams)	Actuator	Terminal Type
35-822	6	SPDT	5	0.488			1.0 (28)	Lever	Solder
35-834	7	SPDT	5	0.449	0.016	0.008	5.2 (146)	Plunger	Solder
35-836	8	SPDT	5	0.476			1.4 (39)	Lever	Solder
35-838	9	SPDT	5	0.701			1.6 (45)	Roller	Solder

Notes: All of the above part numbers have momentary action.

## MINIATURE SNAP ACTION



Fig. 10



Fig. 11



Fig. 12



Fig. 13



Fig. 14



Fig. 15



Fig. 16



Fig. 17



Fig. 18



Fig. 19

Retail Part No.	Figure No.	Poles/Throws	Amps 250 VAC	Amps 125 VDC	Amps 250 VDC	HP125/250 VAC	PT Max. (In)	OT Min. (In)	DT Max. (In)	OF Max. Oz. (grams)	Actuator	Actuator Length (In)
35-823	10	SPDT	10	1/2	1/4	1/3	0.056	0.035	0.013	2.7 (75)	PP	
35-824	11	SPDT	10	1/2	1/4	1/3	0.500	0.200	0.125	0.60 (17)	Lever	2.22
35-827	12	SPDT	10	1/2	1/4	1/3	0.160	0.065	0.030	1.59-2.65 (45-75)	LvR	1.343
35-846	13	SPDT	10	1/2	1/4	1/3	0.070	0.035	0.013	2.65-3.18 (75-90)	LvR	0.810
35-870	14	NC SPST	10	1/2	1/4	1/3	0.056	0.035	0.013	2.7 (75)	PP	
35-872	14	NO SPST	10	1/2	1/4	1/3	0.056	0.035	0.013	2.7 (75)	PP	
35-876	13	SPDT	10	1/2	1/4	1/3	0.700	0.035	0.013	5.3-6.36 (150-180)	LvR	0.810
35-878	15	SPDT	10	1/2	1/4	1/2	0.140	0.062	0.050	3.18-5.3 (90-150)	SR	1.29
35-880	16	SPDT	10	1/2	1/4	1/3	0.160	0.075	0.032	1.59-2.65 (45-75)	Lever	1.40
35-882	12	SPDT	10	1/2	1/4	1/3	0.160	0.065	0.030	5.29 (150)	LvR	1.343
35-3934	17	SPDT	10	1/2	1/4	1/3	0.080	0.035	0.013	2.65-3.18 (75-90)	Lever	0.840
35-3938	11	SPDT	11*	1/2	1/4	1/3	0.250	0.125	0.045	2.5-8.0 (70-225)	Lever	2.34
35-3940	13	SPDT	11*	1/2	1/4	1/3	0.060	0.030	0.015	7.94 (225)	LvR	0.810
35-3942	16	SPDT	10	1/2	1/4	1/3	0.160	0.075	0.032	1.06-1.76 (30-50)	Lever	1.40
35-840	10	SPDT	15	1/2	1/4	1/2	0.056	0.035	0.013	5.29 (150)	PP	
35-842	15	SPDT	15	1/2	1/4	1/2	0.140	0.062	0.050	3.18-5.3 (90-150)	SR	1.29
35-844	16	SPDT	15	1/2	1/4	1/2	0.160	0.075	0.032	2.28-5.3 (80-150)	Lever	1.40
35-848	12	SPDT	15	1/2	1/4	1/2	0.160	0.065	0.030	2.8-5.3 (80-150)	LvR	1.343
35-874	13	SPDT	15	1/2	1/4	1/2	0.070	0.035	0.013	5.3-6.36 (150-180)	LvR	0.810
35-3945	18	SPDT	15*	1/2	1/4	1/2	0.250	0.125	0.045	4.2-14.1 (120-400)	Lever	2.340
35-3932	19	SPDT	21*			1†	0.047	0.050	0.010	7.94 (225)	PP	

Notes: \*Rated @ 277VAC  
 † = Rated @ 125VAC, 2 HP @ 250VAC  
 All of the above have momentary action  
 All of the above snap switches have a terminal type of QC.187".

DT = Differential Travel  
 HP = Horse Power  
 LvR = Lever Roller

NC = Normally Closed  
 NO = Normally Open  
 OF = Operating Force

OT = Over Travel  
 PP = Pin Plunger  
 PT = Pre Travel

SR = Simulated Roller  
 QC = Quick Connect

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.

All quantities are single.

## GENERAL PURPOSE SNAP ACTION



Retail Part No.	Figure No.	Amps **VAC	Amps 125 VDC	Amps 250 VDC	HP 125 VAC	HP 250 VAC	PT Max. (In)	OT Min. (In)	DT Max. (In)	OF Max. Oz. (grams)	Actuator	Actuator Length (In)	Terminal Type
35-461	2	15			3/4	1-1/2	0.050	0.050	0.010	20 (567)	PI		QC .250"
35-462	3	15			3/4	1-1/2	0.050	0.187	0.010	20 (567)	Pl w/OT		QC .250"
35-464	4	15			3/4	1-1/2	0.312	0.187	0.062	20 (567)	Lever	2.50	QC .250"
35-830	5	15			3/4	1-1/2	0.050	0.050	0.010	20 (567)	Red Pb		QC .250"
35-831	5	15			3/4	1-1/2	0.050	0.050	0.010	20 (567)	Black Pb		QC .250"
35-990	*6	15			3/4	1-1/2	0.050	0.050	0.010	30 (850)	PI		QC .250"
35-992	*7	15			3/4	1-1/2	0.312	0.187	0.062	30 (850)	Lever	2.50	QC .250"
35-3900	8	15			1/8	1/4	0.016	0.005	0.002	12.3 (350)	PP		Sc
35-3911	9	15					0.016	0.140	0.002	12.3 (349)	RP		Sc
35-828	10	20	1/2	1/4	1	2	0.156	0.062	0.050	5-13 (142-370)	LL	1.95	Sc
35-890	11	20	1/2	1/4			0.380	0.190	0.156	3.5-26 (100-740)	Lever	2.50	Sc
35-892	12	20	1/2	1/4	1	2	0.020	0.055	0.002	12.3 (350)	SP		Sd/Sc
35-894	13	20	1/2	1/4	1	2	0.020	0.005	0.002	12.3 (350)	PP		Sd/Sc
35-896	14	20	1/2	1/4	1	2	0.020	0.063	0.002	12.3 (350)	Pl w/OT		Sd/Sc
35-980	13	20	1/2	1/4			0.030	0.005	0.005	26 (740)	PP		Sd/Sc
35-982	14	20	1/2	1/4			0.030	0.220	0.005	26 (740)	PI		Sd/Sc
35-984	11	20	1/2	1/4			0.380	0.190	0.047	2.5-9 (60-255)	Lever	2.50	Sd/Sc
35-987	15	20	1/2	1/4	1/2	1	0.468	0.062	0.085	3.5 (100)	Ro	1.91	Sc
35-3903	12	20	1/2	1/4	3/4	1 1/2	0.020	0.055	0.002	12.3 (350)	SP		Sc
35-3904	16	20	1/2	1/4	1/2	1	0.158	0.062	0.050	5.3 (150)	LL	1.95	Sc
35-3908	17	20	1/2	1/4	3/4	1-1/2	0.025	0.22	0.002	20 (567)	High OT PI		Sc
35-3916	18	20	1/2	1/4	3/4	1-1/2	0.380	0.190	0.078	2.5-18 (71-510)	Lever	2.34	Sc

Notes: All of the above have momentary action  
 \*DPDT  
 \*\*125/250/480VAC  
 All have SPDT, but **35-990** & **35-992**

DT = Differential Travel  
 HP = Horse Power  
 HRo = Hinged Roller  
 LRo = Leaf Rollers  
 LL = Leaf Lever

OF = Operating Force  
 OT = Over Travel  
 Pb = Pushbuttons  
 PI = Plunger

PT = Pre-Travel  
 QC = Quick Connect  
 RP = Roller Plunger  
 Sc = Screw  
 RARO = Reverse Action Roller

Sd = Solder  
 ShRo = Short Roller  
 SP = Stub Plunger  
 PP = Pin Plunger  
 Ro = Roller

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.  
 All quantities are single.

## KEYLOCK SWITCHES



Fig. 7



Fig. 8



Fig. 9



Fig. 10

Retail Part No.	Figure No.	Poles/Throws	Amps 125 VAC	Action	Index	Lock Type	Key Removal	Actuator	Terminal Type	Mounting Hole (In)	Hardware
<b>35-3190</b>	7	SPDT	4	On/On	90°	4 tumbler w/detent	2 Pos.	Metal Key†	Sd Lug	0.760 x 0.640	N, 2Keys
<b>35-3192</b>	7	DPDT	4	On/On	90°	4 tumbler w/detent	2 Pos.	Metal Key†	Sd Lug	0.760	N, 2Keys
<b>35-3193</b>	8	SPDT	4	On/On	90°	6 tumbler w/tube lock	2 Pos.	Metal Barrel Key†	6" WL	0.760 x 0.640	N, 2Keys
<b>35-3194</b>	8	SPDT	4	On/On	90°	6 tumbler w/tube lock	1 Pos.	Metal Barrel Key†	6" WL	0.760 x 0.640	N, 2Keys
<b>35-3195</b>	9	SPDT	4	On(On)	45°	4 tumbler	1 Pos.	Metal Key†	6" WL	0.760 x 0.640	N, 2Keys
<b>35-3197</b>	10	SP3T	4	**	45°	4 tumbler	1 Pos.	Metal Key†	Sd Lug	0.760 x 0.640	N, 2Keys

Notes: \*Rated @ 2.5Amps 120VAC (480V.A.)

\*\*SP-3 pos. On1 - Off - On2

\*\*\*Nut, 2 Screws, Ring, and 2 Keys

2.1amps @46VDC (96V.A.), all of the rest are rated @ 2A @250VAC/4A @ 28VDC

### Keys(2) included in Hardware

N = Nut

Pos. = Positions

Sc = Screw

Sd = Solder

WL = Wire Leads

† = All keyed alike per figure

#1110801 Keys for **35-3193** & **35-3194**

#115140126 Keys for **35-3190, 35-3192, 35-3195** & **35-3197**

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.

All quantities are single.

## ROTARY SWITCHES



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7

Retail Part No.	Figure No.	Poles/Throws	Amps 125 VAC	Amps 250 VAC	Action	Actuator	Terminal Type	Mounting Style	Mounting Hole (In)	Hardware
35-859	1	SPST	3	1.5	On/Off	White Plastic	6" Wire Leads	Snap-In	0.500	
35-855	2	SPST	6	3	On/Off	Brass Knob	6" Wire Leads	Threaded Bushing	0.375	KN, FN
35-856	3	SPST	6	3	On/Off	Black Plastic	6" Wire Leads	Threaded Bushing	0.375	N, FN
35-1857	4	SP3T	6	3	Off/On/On/On	Brass Knob	6" Wire Leads	Threaded Bushing	0.375	N, FN

Retail Part No.	Figure No.	Amps (Cont.)	Amps 125 VAC	Amps 125 VDC	Positions	Poles	Index	Actuator	Terminal Type	Mounting Style	Mounting Hole (In)	Hardware
35-376	5		0.3†		12	1	30°	1/4" Metal	Sd Eyelet	Shorting	0.375	N, LR
35-379	5		0.3†		4	3	30°	1/4" Metal	Sd Eyelet	Shorting	0.375	N, LR
35-1226	6	6	250mA*		6 No Stop	2	30°	1/2" Metal	Sd Eyelet	Non-Shorting	0.250	N, LR, W
35-1312	7	5	2.5	350mA	12 No Stop	1	30°	1/4" Plastic	Sd Lug	Non-Shorting	0.386	N, LR
35-1314	7	5	2.5	350mA	12	1	30°	1/4" Plastic	Sd Lug	Non-Shorting	0.386	N, LR, StR
35-1334	7	5	2.5	350mA	4	3	30°	1/4" Plastic	Sd Lug	Non-Shorting	0.386	N, LR
35-1343	7	5	2.5	350mA	3	4	30°	1/4" Plastic	Sd Lug	Non-Shorting	0.386	N, LR
35-1323	7	5	2.5	350mA	8	1	45°	1/4" Plastic	Sd Lug	Non-Shorting	0.386	N, LR, StR

Notes: \*Or 28VDC  
 Adj. = Adjustable Stop  
 † = Or 30V DC  
 Non-Shorting = break before make

FN = Face Nut  
 KN = Knurled Nut  
 LR = Locking Ring  
 N = Nut

Sd = Solder  
 StR = Stop Ring  
 W = Washer

## SLIDE SWITCHES



Fig. 8



Fig. 9



Fig. 10

Retail Part No.	Figure No.	Circuit Funct.	Poles & Throws	Amps 125 VAC	Amps 250 VAC	Amps 30 VAC	Amps 125 VDC	Actuator Style	Terminal Type	Mounting Style
35-202	8	On/On	PDT			0.303	1/2	Black Plastic	Solder Lug	Surface
35-222	9	On/On	DPDT	6	3			Black Plastic	Printed Circuit Board Lug	Surface
35-242	10	On/On	DPDT	11				Black Plastic	Solder Lug	Surface

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.  
 All quantities are single.

## DIP SWITCHES

Retail Part No.	Figure No.	Number of Positions	Profile
35-953	13	4	Side Actuated
35-957	13	8	Side Actuated
35-961	14	1	Standard
35-962	14	2	Standard
35-963	14	3	Standard
35-964	14	4	Standard
35-965	14	5	Standard
35-966	14	6	Standard
35-967	14	7	Standard
35-968	14	8	Standard
35-969	14	9	Standard
35-970	14	10	Standard
35-974	14	12	Standard
35-971	15	8	Right Angle

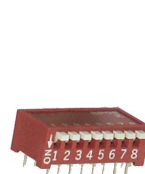


Fig. 13

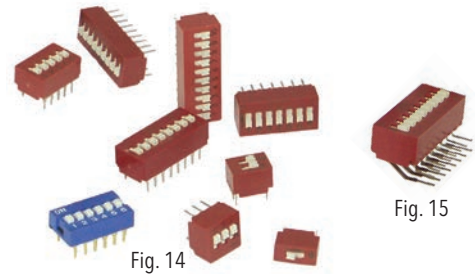


Fig. 14



Fig. 15

Rating:  
100mA@50Vdc (carry)  
100mA@5Vdc  
25mA@25Vdc

Note: All figures are for illustration purpose only, and the number/type of terminals may vary.

All quantities are single.

## CIRCUIT BREAKERS

Retail Part No.	Figure No.	Amps 125/250 VAC/32VDC	Actuator	Mounting Hole	Hardware
35-2103	1	3	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate
35-2104	1	4	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate
35-2105	1	5	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate
35-2106	1	6	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate
35-2107	1	7	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate
35-2108	1	8	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate
35-2110	1	10	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate
35-2112	1	12	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate
35-2115	1	15	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate
35-2120	1	20	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate
35-2125	1	25	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate
35-2130	1	30	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate
35-2135	1	35	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate
35-2140	1	40	Black Plastic Button	0.450"	Nut, Knurling Nut; ID Plate

All quantities are single.



Fig. 1

## SPECIALTY SWITCHES



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9

Retail Part No.	Figure No.	Circuit Function	Poles & Throws	Amps 125 VAC	Amps 250 VAC	Actuator	Terminal Style	Body Color
35-864	2	On Off	SPST	6	3	3-1/2" Pull Chain	6" Wire Leads	
35-865	3	Off 1-On 2-On	SPDT^	6	3	3-15/16" Pull Chain	Push-in	Purple
35-867	3	Off 1-On 2-On 3-On	SP3T	6	3	3-3/4" Pull Chain	Push-in	White
35-849	4	On Off	SPST	6	3	Thumbwheel	Insulation Piercing	White Plastic
35-1851	5	On Off	SPST	6*		Rocker	Solder	Black Plastic

Retail Part No.	Figure No.	Action	Poles & Throws	Amps 20 VAC/DC	Amps 120 VAC	Amps 80 VDC	Actuator	Terminal Type	Mounting Type	Gap
35-750	6	NO w/o Magnet	SPST	0.5**	0.08	0.10	Magnet Incl.	Screw	Surface	0.250"
35-756	6	NO or NC	SPDT	0.015	0.025	0.0375	Magnet Incl.	Screw	Surface	0.250"

Retail Part No.	Figure No.	Action	Poles & Throws	Amps 30 VAC	Amps 120 VAC	Watts 30 VDC	Actuator	Terminal Type	Mounting Type	Gap
35-754	7	NO w/o magnet	SPST	0.3		3	Magnet Incl.	Side WL	Submin. Surface	1.000"

Retail Part No.	Figure No.	Action	Poles & Throws	Amps 6 VDC	Amps 125 VAC	Tilt Angle	Actuator	Terminal Type	Mounting Type	Mounting Holes
35-730	8	On Off On	DPDT	1/2			Plastic Handle	Screw		3.40 mm
35-764	9	NO or NC	SPST		1/2	15°	Int. Metal Ball	Leads		

Notes: \*Rated 6Amps@120VAC  
 \*\*10 Watts Max.  
 Sd = Solder

^ = 3 Position  
 Incl. = Included

WL = Wire Lead(s)  
 † = 0.2 Amps@120VDC Max.,  
 4 Watts max.

Int. = Internal

\*\*\*Rated 0.01A 120VAC, 450mA  
 1.5VDC, 20mA 50VDC  
 NO/NC = Normally Open or  
 Normally Closed  
 †† = Ampere turns = 15-90

All quantities are single.

# TOGGLE SWITCHES

## SWITCH ACCESSORIES

Retail Part No.	Figure No.	Description
<b>35-060</b>	16	Bat Handle Toggle Switch Boot - Thread size: 15/32-32.
<b>35-063</b>	17	Bat Handle Mini Toggle Switch Boot (Rubber Head) 1/4" Bushing
<b>35-061-BU</b>	18	Standard On/Off Switch ID Plate Fits 15/32 bushings - 10 pack only
<b>35-2100-BU</b>	19	Circuit Breaker Plate - 10 pack only
<b>35-436</b>	20	Pushbutton Caps - 1 ea Red <b>35-430</b> & Black <b>35-432</b>
<b>35-430</b>	20	Pushbutton Caps - 10 pack Red
<b>35-432</b>	20	Pushbutton Caps - 10 pack Black
<b>35-758-BU</b>	21	Magnet Only



Fig. 16



Fig. 17



Fig. 18



Fig. 19



Fig. 20



Fig. 21

## ROCKER & TOGGLE SWITCH ACCESSORIES

### Switch Guard

#### 35-1710B, Flip Cover Switch Guard

Provides the maximum protection, and can be easily added to an already installed switch by unscrewing and replacing the facenut. Spring-loaded snap action cover returns the switch to the 'safe' position when closed, and secures it there. Rugged red melamine cover is colorfast at temperature extremes and is resistant to most contaminants, like fuel oil. Recommended for use with standard 11/16" toggle handle Off-On or On-On switches with a keyway in the bushing. Steel faceplate with black glossy finish. Height closed 1.08"; height open 1.71". 1.80" long x .67" wide. Mounting hole diameter .47". Accepts switches with standard 15/32" diameter mounting stems.



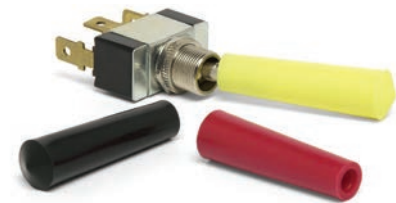
With cover up.

With cover closed.

### Handle Extensions

Rigid plastic extension snaps over standard or ball handled toggle switches, extending a standard handle to 1-7/8" long. Enables switches to be easily color-coded. Packed 10 of each color per package.

- 81271, Red**
- 81272, Yellow**
- 81273, Black**



## SWITCH CROSS-REFERENCE

Competitor #	Competitor	Techspan
110-73	Carling	<b>35-160</b>
110-BP	Carling	<b>35-448</b>
110-PM-OFF	Carling	<b>35-430</b>
110-PM-ON	Carling	<b>35-432</b>
110-S-73	Carling	<b>35-167</b>
110-SP	Carling	<b>35-449</b>
2CF53-73 TABS	Carling	<b>35-3015</b>
2CF54-73	Carling	<b>35-110</b>
2FA53-73TABS	Carling	<b>35-3005</b>
2FA54-73	Carling	<b>35-080</b>
2FB64-73	Carling	<b>35-1114</b>
2GA724-73	Carling	<b>35-080</b>
2GA724-D-2B-B	Carling	<b>35-3160</b>
2GB724-D-2B-B	Carling	<b>35-3162</b>
2GC724-73	Carling	<b>35-130</b>
2GK51-73	Carling	<b>35-118</b>
2GK721-D-2B-B	Carling	<b>35-3154</b>
2GK724-D-2B-B	Carling	<b>35-3164</b>
2GL51-73	Carling	<b>35-117</b>
2GL60-D-2B-B	Carling	<b>35-186</b>
2GL6A-73	Carling	<b>35-154</b>
2GL721-D-2B-B	Carling	<b>35-3156</b>
2GL724-73	Carling	<b>35-146</b>
2GM60	Carling	<b>35-188</b>
2GM60-D-2B-B	Carling	<b>35-188</b>
2GM721-D-2B-B	Carling	<b>35-3158</b>
2GM724-73	Carling	<b>35-148</b>
62112421000N	Carling	<b>35-606</b>
62115919000N	Carling	<b>35-608</b>
62116919000N	Carling	<b>35-605</b>
62116929000N	Carling	<b>35-609</b>
632122-2BJN	Carling	<b>35-696</b>
6FA64-73	Carling	<b>35-1076</b>
6FB64-73	Carling	<b>35-1116</b>
6FC-54-73	Carling	<b>35-155</b>
6GA72B-73	Carling	<b>35-3055</b>
6GL6A-73	Carling	<b>35-154</b>
CA201-73	Carling	<b>35-3040</b>
CB101-73	Carling	<b>35-120</b>
DA221-P-B-B	Carling	<b>35-178</b>
DA284-73	Carling	<b>35-3070</b>
DB221-P-B-B	Carling	<b>35-182</b>
DK284-73	Carling	<b>35-126</b>
EK204-73	Carling	<b>35-3075</b>
HL254-73	Carling	<b>35-141</b>
HM254-73	Carling	<b>35-140</b>
IL254-73	Carling	<b>35-3080</b>
IM254-73	Carling	<b>35-143</b>
LRA211-PAB/125N	Carling	<b>35-3091</b>
LRA211RAB125N	Carling	<b>35-694</b>
LRA211RSB125N	Carling	<b>35-3795</b>
LRA511RSB/012V	Carling	<b>35-660</b>
LRG5CK611RSBO/125N	Carling	<b>35-655</b>
LTA201TRBR125N	Carling	<b>35-689</b>
LTILA516SBLAMNBL125N	Carling	<b>35-656</b>
PPA525-AC	Carling	<b>35-458</b>
RA901-MW-B-0-N	Carling	<b>35-3760</b>

Competitor #	Competitor	Techspan
RA901-RB-B-0-N	Carling	<b>35-3710</b>
RA901-RB-B-1-N	Carling	<b>35-3030</b>
RA901-VB-B-0-V	Carling	<b>35-693</b>
RA911-PB-B-0-N	Carling	<b>35-3008</b>
RB901-RB-B-0-N	Carling	<b>35-3720</b>
RGCC201RBB0	Carling	<b>35-654</b>
TIGA516SBLNBL	Carling	<b>35-3600</b>
TIGB516SBLNBL	Carling	<b>35-3610</b>
TIGC516SBLNBL	Carling	<b>35-3620</b>
TIGK516SBLNBL	Carling	<b>35-3630</b>
TIGK5B-6S-BL-NBL	Carling	<b>35-3660</b>
TIGK5M-6S-BL-NBL	Carling	<b>35-3670</b>
TIGL516SBLNBL	Carling	<b>35-3640</b>
TIGL5B-6S-BL-NBL	Carling	<b>35-3680</b>
TIGM516SBLNBL	Carling	<b>35-3650</b>
TIGM5B-6S-BL-NBL	Carling	<b>35-3690</b>
TIGM5M-6S-BL-NBL	Carling	<b>35-3695</b>
V1DAB60C-CBC00-000	Carling	<b>35-3500</b>
V1DAB60C-CGC00-000	Carling	<b>35-3505</b>
V1DAB60C-CMC00-000	Carling	<b>35-3510</b>
V1DAB60C-CTC00-000	Carling	<b>35-3515</b>
V1DAS00C-CZC00	Carling	<b>35-3580</b>
V2DAB60C-CBC00-000	Carling	<b>35-3540</b>
V2DAB60C-CGC00-000	Carling	<b>35-3535</b>
V2DAB60C-CMC00-000	Carling	<b>35-3550</b>
V2DAB60C-CTC00-000	Carling	<b>35-3555</b>
VDDAS00C-CZC00	Carling	<b>35-3585</b>
VJDAB60C-CBC00-000	Carling	<b>35-3520</b>
VJDAB60C-CGC00-000	Carling	<b>35-3525</b>
VJDAB60C-CMC00-000	Carling	<b>35-3530</b>
VJDAB60C-CTC00-000	Carling	<b>35-3535</b>
VJDAS00C-CZC00	Carling	<b>35-3590</b>
VLDAB60C-CBC00-000	Carling	<b>35-3560</b>
VLDAB60C-CGC00-000	Carling	<b>35-3565</b>
VLDAB60C-CMC00-000	Carling	<b>35-3570</b>
VLDAB60C-CTC00	Carling	<b>35-3575</b>

Competitor #	Competitor	Techspan
GSW10	GB	<b>35-3070</b>
GSW11	GB	<b>35-080</b>
GSW116	GB	<b>35-3158</b>
GSW117	GB	<b>35-155</b>
GSW12	GB	<b>35-130</b>
GSW123	GB	<b>35-150</b>
GSW13	GB	<b>35-110</b>
GSW15	GB	<b>35-146</b>
GSW16	GB	<b>35-148</b>
GSW17	GB	<b>35-3035</b>
GSW18	GB	<b>35-3050</b>
GSW19	GB	<b>35-3009</b>
GSW20	GB	<b>35-060</b>
GSW21	GB	<b>35-422</b>
GSW22	GB	<b>35-3457</b>
GSW23	GB	<b>35-3458</b>
GSW24	GB	<b>35-852</b>
GSW32	GB	<b>35-864</b>
GSW34	GB	<b>35-867</b>
GSW41	GB	<b>35-691</b>
GSW42	GB	<b>35-3740</b>
GSW61	GB	<b>35-855</b>

Competitor #	Competitor	Techspan
BZ-2RD-A2	Honeywell	<b>35-3903</b>
BZ-2RL2-A2	Honeywell	<b>35-3906</b>
BZ-2RL-A2	Honeywell	<b>35-828</b>
BZ-2RQ181-T4J	Honeywell	<b>54-442</b>
BZ-2RQ18-A2	Honeywell	<b>35-3911</b>
BZ-2RQ18-T4-J	Honeywell	<b>35-3911</b>
BZ-2RW80-T4-J	Honeywell	<b>54-451</b>
BZ-2RW822-T4-J	Honeywell	<b>54-452</b>
BZ-2RW82-T4J	Honeywell	<b>35-3906</b>

Competitor #	Competitor	Techspan
774000	Ideal	<b>35-155</b>
774002	Ideal	<b>35-854</b>
774003	Ideal	<b>35-3025</b>
774005	Ideal	<b>35-3045</b>
774008	Ideal	<b>35-3005</b>
774009	Ideal	<b>35-155</b>
774011	Ideal	<b>35-080</b>
774012	Ideal	<b>35-144</b>
774013	Ideal	<b>35-148</b>
774014	Ideal	<b>35-3060</b>
774015	Ideal	<b>35-146</b>
774016	Ideal	<b>35-148</b>
774017	Ideal	<b>35-3035</b>
774019	Ideal	<b>35-3160</b>
774020	Ideal	<b>35-060</b>
774021	Ideal	<b>35-3454</b>
774022	Ideal	<b>35-3456</b>
774023	Ideal	<b>35-3457</b>
774027	Ideal	<b>35-3015</b>
774032	Ideal	<b>35-864</b>
774033	Ideal	<b>35-865</b>
774061	Ideal	<b>35-855</b>
774062	Ideal	<b>35-1857</b>
774069	Ideal	<b>35-856</b>
774072	Ideal	<b>35-849</b>
774080	Ideal	<b>35-449</b>
774081	Ideal	<b>35-3425</b>
774089	Ideal	<b>35-141</b>
774091	Ideal	<b>35-3020</b>
774092	Ideal	<b>35-140</b>
774094	Ideal	<b>35-153</b>
774095	Ideal	<b>35-3070</b>
774096	Ideal	<b>35-126</b>
774097	Ideal	<b>35-3075</b>
774098	Ideal	<b>35-3009</b>
774099	Ideal	<b>35-061-BU</b>
774100	Ideal	<b>35-3010</b>
774104	Ideal	<b>35-151</b>
774106	Ideal	<b>35-139</b>
774109	Ideal	<b>35-3080</b>
774110	Ideal	<b>35-143</b>

## SWITCH CROSS-REFERENCE

Competitor #	Competitor	Techspan
900001	McGill	<b>35-080</b>
900003	McGill	<b>35-078</b>
909988	McGill	<b>35-060</b>
910001	McGill	<b>35-110</b>
920001	McGill	<b>35-130</b>
930001	McGill	<b>35-155</b>
931003	McGill	<b>35-153</b>
933001	McGill	<b>35-3055</b>
934001	McGill	<b>35-153</b>
1210001	McGill	<b>35-112</b>
1210002	McGill	<b>35-148</b>
1210003	McGill	<b>35-152</b>
1210004	McGill	<b>35-3127</b>
1210010	McGill	<b>35-149</b>
1210017	McGill	<b>35-112</b>
1210018	McGill	<b>35-148</b>
1210019	McGill	<b>35-152</b>
1210020	McGill	<b>35-3127</b>
1217001	McGill	<b>35-3060</b>
1403023	McGill	<b>35-140</b>
1403024	McGill	<b>35-141</b>
8011312	McGill	<b>57002-01</b>
8111311	McGill	<b>57008-10</b>
8310316	McGill	<b>57005-11</b>
8512303	McGill	<b>35-3610</b>
8520001	McGill	<b>35-3600</b>
8520002	McGill	<b>35-3620</b>
8520003	McGill	<b>35-3610</b>
8520004	McGill	<b>35-3660</b>
8522103	McGill	<b>35-3610</b>
8522303	McGill	<b>35-3610</b>
8612302	McGill	<b>35-3620</b>
8622122	McGill	<b>35-3620</b>
8622322	McGill	<b>35-3620</b>
19080100	McGill	<b>35-3457</b>
41250001	McGill	<b>35-180</b>
0090-9988	McGill	<b>35-060</b>
0121-0001/BP23	McGill	<b>35-3120</b>
0121-0002/BP-25	McGill	<b>35-148</b>
0121-0003/BP-24	McGill	<b>35-146</b>
0121-0004	McGill	<b>35-150</b>
0121-0007	McGill	<b>35-151</b>
0121-0009	McGill	<b>35-118</b>
0121-0010	McGill	<b>35-3025</b>

Competitor #	Competitor	Techspan
0121-0011	McGill	<b>35-117</b>
0121-7000	McGill	<b>35-3060</b>
0121-7007	McGill	<b>35-3060</b>
0140-3023	McGill	<b>35-140</b>
0140-3024	McGill	<b>35-141</b>
0140-3024/BP-23	McGill	<b>35-141</b>
0140-4023/BP-22	McGill	<b>35-143</b>
0140-4024	McGill	<b>35-3080</b>
0725-0001	McGill	<b>35-449</b>
0725-0004	McGill	<b>35-3454</b>
0811-0310	McGill	<b>35-3630</b>
0811-1310	McGill	<b>35-3600</b>
0825-1213	McGill	<b>35-654</b>
0825-1243	McGill	<b>35-654</b>
0825-5213	McGill	<b>35-655</b>
0851-0014	McGill	<b>35-656</b>
086202412	McGill	<b>35-3620</b>
100	McGill	<b>35-3457</b>
100/BP-2	McGill	<b>35-3427</b>
100S	McGill	<b>35-3457</b>
1121-0009	McGill	<b>35-117</b>
1121-0011	McGill	<b>35-118</b>
1650	McGill	<b>35-061</b>
2709-1150	McGill	<b>35-982</b>
4125-0004/BP-12	McGill	<b>35-854</b>
4125-001/BP-14	McGill	<b>35-167</b>
4701-2100	McGill	<b>35-3930</b>
4775-1100	McGill	<b>35-823</b>
4777-1130	McGill	<b>35-844</b>
4777-1140	McGill	<b>35-846</b>
4777-1150	McGill	<b>35-848</b>
4777-1160	McGill	<b>35-842</b>
90-0001	McGill	<b>35-080</b>
90-0001/BP-3	McGill	<b>35-080</b>
90-0002	McGill	<b>35-078</b>
90-0003	McGill	<b>35-3005</b>
91-0001	McGill	<b>35-110</b>
91-0001/PB-4	McGill	<b>35-110</b>
91-0003	McGill	<b>35-3015</b>
92-0001/BP-13	McGill	<b>35-130</b>
93-0001	McGill	<b>35-160</b>
93-1001	McGill	<b>35-153</b>
93-3001	McGill	<b>35-3055</b>
BP11	McGill	<b>35-3425</b>
BP13	McGill	<b>35-3120</b>

Competitor #	Competitor	Techspan
A-20GQ-B7-K	Omron	<b>35-982</b>
A-20GV-B7-K	Omron	<b>35-984</b>
SS-10GL	Omron	<b>35-836</b>
V-10G-1B5-K	Omron	<b>35-3930</b>
V-10G-1C24-K	Omron	<b>35-823</b>
V-10G2-1C24-K	Omron	<b>35-880</b>
V-10G3-1C24-K	Omron	<b>35-824</b>
V-10G3-1C25-K	Omron	<b>35-3938</b>
V-10G5-1C24-K	Omron	<b>35-846</b>
V-10G5-1C25-K	Omron	<b>35-3940</b>
V-15G2-1C25-K	Omron	<b>35-844</b>
V-15G4-1C25-K	Omron	<b>35-842</b>
V-15G5-1B5-K	Omron	<b>35-3944</b>
V-15G6-1B5-K	Omron	<b>35-3936</b>
V-15G6-1C25-K	Omron	<b>35-848</b>
Z-15GQ-B-7K	Omron	<b>35-896</b>
Z-15GW22	Omron	<b>35-3920</b>
Z-15GW-B-7K	Omron	<b>35-3916</b>

While every effort has been made to ensure accuracy, Techspan Industries Inc. will not be held responsible for errors in, or misinterpretations of the descriptions and specifications of the products herein, and we reserve the right to make changes at any time without prior notice.

## PART NUMBER INDEX

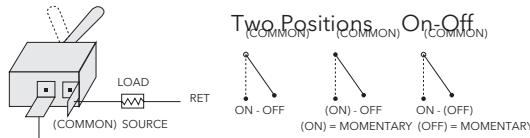
Part No.	Pg.	Part No.	Pg.	Part No.	Pg.	Part No.	Pg.	Part No.	Pg.	Part No.	Pg.	Part No.	Pg.
81271	23	35-125	4	35-2120	21	35-3430	16	35-3911	18	35-615	9	35-865	22
81272	23	35-126	7	35-2125	21	35-3431	16	35-3916	18	35-620	10	35-867	22
81273	23	35-127	4	35-2130	21	35-3432	16	35-3932	17	35-621	11	35-870	17
35-000	3	35-130	7	35-2135	21	35-3442	16	35-3934	17	35-640	10	35-872	17
35-001	3	35-1300	12	35-2140	21	35-3443	16	35-3938	17	35-642	9	35-874	17
35-002	3	35-1301	12	35-222	20	35-3454	15	35-3940	17	35-643	9	35-876	17
35-003	3	35-1302	12	35-242	20	35-3456	15	35-3942	17	35-644	9	35-878	17
35-004	3	35-1304	12	35-3005	7	35-3457	15	35-3945	17	35-645	9	35-880	17
35-005	3	35-1311	12	35-3008	5	35-3458	15	35-400	13	35-646	9	35-882	17
35-006	3	35-1312	20	35-3009	6	35-3459	13	35-401	13	35-648	9	35-890	18
35-007	3	35-1314	20	35-3010	7	35-3471	14	35-402	13	35-654	10	35-892	18
35-008	3	35-132	5	35-3015	7	35-3490	15	35-404	13	35-655	11	35-894	18
35-009	3	35-1323	20	35-3020	7	35-3500	12	35-405	13	35-656	11	35-896	18
35-010	3	35-1334	20	35-3025	7	35-3505	12	35-406	13	35-660	11	35-953	21
35-012	3	35-1343	20	35-3030	10	35-3510	12	35-408	13	35-662	11	35-957	21
35-014	3	35-135-BU	4	35-3035	6	35-3515	12	35-409	13	35-664	11	35-961	21
35-016	3	35-140	7	35-3045	7	35-3520	12	35-410	13	35-674	9	35-962	21
35-018	3	35-141	7	35-3050	6	35-3525	12	35-411	13	35-676	9	35-963	21
35-024	3	35-1411	16	35-3055	7	35-3530	12	35-412	13	35-680	9	35-964	21
35-026	3	35-1412	16	35-3056	7	35-3535	12	35-413	13	35-681	9	35-965	21
35-036	3	35-1414	16	35-3060	7	35-3540	12	35-415	13	35-682	9	35-966	21
35-038	3	35-143	7	35-3070	7	35-3545	12	35-416	14	35-686	11	35-967	21
35-053	3	35-144	7	35-3075	7	35-3550	12	35-417	13	35-688	11	35-968	21
35-057	3	35-1451	16	35-3080	7	35-3555	12	35-418	14	35-689	11	35-969	21
35-059	3	35-1452	16	35-3091	5	35-3560	12	35-420	15	35-691	10	35-970	21
35-060	23	35-1453	16	35-3127	6	35-3565	12	35-421	15	35-691	10	35-971	21
35-061-BU	23	35-146	7	35-3135	7	35-3570	12	35-422	15	35-693	10	35-974	21
35-063	23	35-148	7	35-3140	5	35-3575	12	35-423	15	35-694	10	35-980	18
35-064	5	35-149	7	35-3150	6	35-3580	12	35-425	13	35-694	10	35-982	18
35-070	3	35-150	7	35-3153	6	35-3585	12	35-430	15	35-695	10	35-984	18
35-071	3	35-151	7	35-3154	6	35-3590	12	35-430	23	35-695	10	35-987	18
35-072	3	35-152	6	35-3156	6	35-3600	10	35-432	15	35-696	11	35-990	18
35-076	5	35-153	7	35-3158	6	35-3600	10	35-432	23	35-730	22	35-992	18
35-078	7	35-154	5	35-3160	6	35-3610	10	35-436	23	35-750	22		
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35-080	7	35-156	7	35-3164	6	35-3630	10	35-449	15	35-756	22		
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35-085	4	35-167	5	35-3169	6	35-3636	10	35-451	13	35-764	22		
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35-087	4	35-1710B	23	35-3190	19	35-3640	10	35-457	15	35-823	17		
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35-1114	6	35-202	20	35-3312	8	35-3720	10	35-481	16	35-842	17		
35-1116	6	35-2100-BU	23	35-3321	8	35-3730	11	35-482	16	35-844	17		
35-112	6	35-2103	21	35-3330	8	35-3740	11	35-484	16	35-846	17		
35-114	5	35-2104	21	35-3332	8	35-376	20	35-490	15	35-848	17		
35-115	4	35-2105	21	35-3333	8	35-3760	10	35-491	14	35-849	22		
35-116	5	35-2106	21	35-3400-BU	16	35-379	20	35-603	9	35-852	14		
35-117	5	35-2107	21	35-3412	16	35-3790	11	35-605	9	35-854	6		
35-118	5	35-2108	21	35-3414	16	35-3900	18	35-606	9	35-855	20		
35-119	6	35-2110	21	35-3425	15	35-3903	18	35-607	9	35-856	20		
35-120	6	35-2112	21	35-3427	15	35-3904	18	35-608	9	35-859	20		
35-1226	20	35-2115	21	35-3429	15	35-3908	18	35-609	9	35-864	22		

# TOGGLE SWITCHES

## SWITCHES INFORMATION

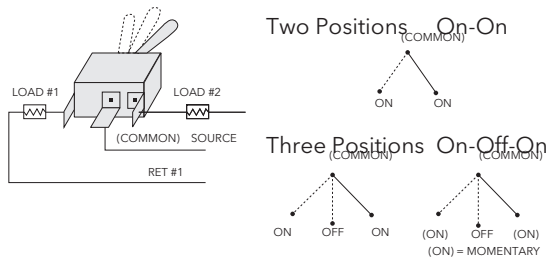
### ■ S.P.S.T. (Single Pole/ Single Throw)

A two terminal switch which opens or closes one circuit.



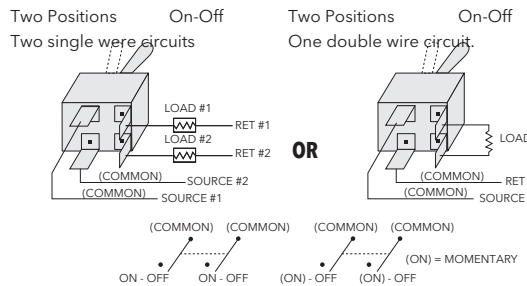
### ■ S.P.D.T. (Single Pole /Double Throw)

A three terminal switch that controls two single-wire circuits. Permits only one circuit to be energized at a time.



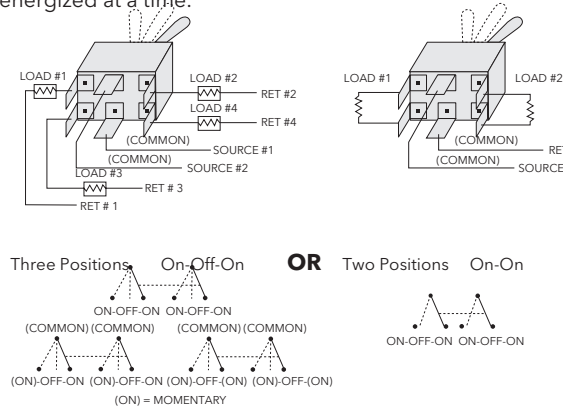
### ■ D.P.S.T.(Double Pole/Single Throw)

A four terminal switch that controls one double wire circuit or two single wire circuits.



### ■ D.P.D.T. (Double Pole/Double Throw)

A six terminal switch that controls two double wire circuits permitting only one circuit to be energized at a time, or four single wire circuits permitting only two circuits to be energized at a time.



### ELECTRICAL TERMS

**Ampere** - Electrical unit indicating rate of flow of electricity through a circuit.

**Circuit** - Path taken by electrical current flowing through conductor from one terminal source of supply to another.

**Current** - The movement of electrons through a conductor measured in amperes.

**Double Pole** - A switch that operates simultaneously in two separate electric circuits.

**Double Throw** - A switch that alternately completes a circuit at either end of its extreme positions.

**Double Pole/Single Throw** - D.P.S.T. - A switch that has four terminals and is used to connect or disconnect two pairs of terminals simultaneously.

**Double Pole/Double Throw** - D.P.S.T. - A switch that has six terminals and is used to connect one pair of terminals to either of the other two pairs.

**Inductive Load** - Initial amps needed to engage a circuit and/or load which allows a momentary flow of current when a circuit is open. (Devices that create inductive loads are typically motor coils and solenoids.)

**Lamp Load** - Light bulb current expressed in amps at a rated voltage.

**Momentary** - Momentary action is obtained by holding switch in position with pressure. Upon release the switch returns to the previous position.

**Reversing** - Reversing action is obtained by reversing the polarity of a switch with jumper wires or blades to change the rotation of a motor. Typical applications are winches, plows, radio antennas and fuel selector valves.

**Single Pole** - A switch that opens, closes, or changes connection in a single conductor of an electrical circuit to a common contact.

**Single Throw** - A switch that opens, closes, or completes a circuit at only one of the extreme positions of its actuator.

**Single Pole/Single Throw** - S.P.S.T. - A two terminal switch which opens or closes one circuit.

**Single Pole/Double Throw** - S.P.D.T. - A three terminal switch for connecting one terminal to either of two other terminal.

**Volt** - The unit that measures the potential difference in electrical force or "pressure" between two points on a circuit.

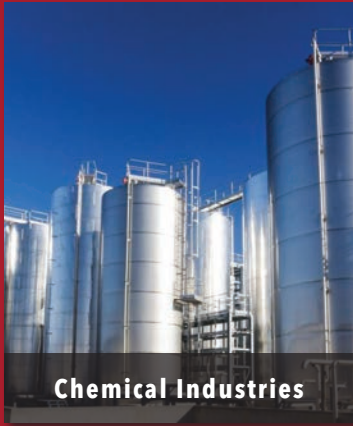
**Watt** - The unit of power that indicates the rate at which a device converts electric current to another form of energy, either heat or motion.

### Service Tip

- Replacement switch must have same or higher rating as original switch.
- Unplug circuit or turn off power at electrical panel.
- Remove wires from old switch one-at-a-time and attach to new switch in same manner, or follow wiring diagram.
- For Screw Terminals - Twist stranded wire together. Loop wire clockwise around screw. Tighten securely.
- For Blade Terminals - Use Female push-on terminals. Crimp tightly on stranded wire. Make sure you have a snug fit.
- Turn on power.



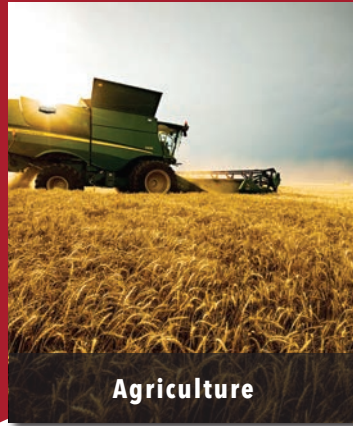
# APPLICATION INDUSTRIES INCLUDE...



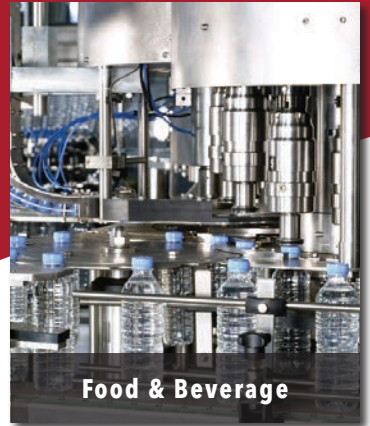
Chemical Industries



Mining



Agriculture



Food & Beverage



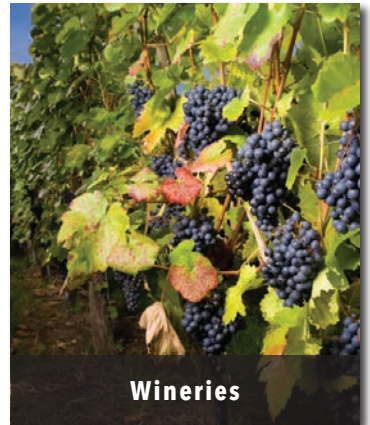
Steel



Shipyards



Wind Power

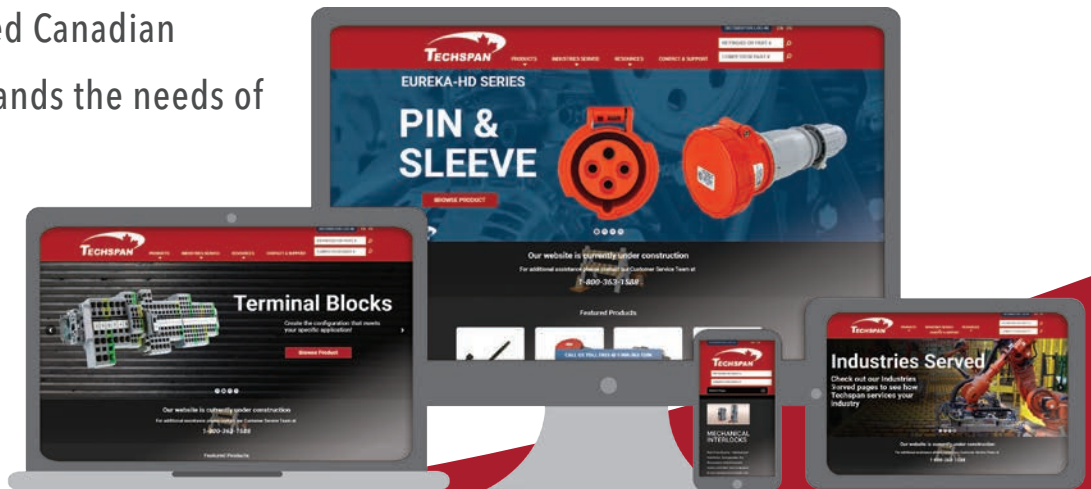


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