

**ETLIN-DANIELS**

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SECTION L SWITCHES

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Switches

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Rocker Switch Selector Guide

TECHNICAL INFORMATION

ELECTRICAL SPECIFICATIONS		MATERIALS
DIELECTRIC STRENGTH	> 3.5KV	BODY NYLON 6/6 125 C - FLAME RETARDANT UL 94-V2
INSULATION RESISTANCE	> 50M OHMS	ROCKER POLYCARBONATE OR NYLON 6/6 FLAME RETARDANT
MECHANICAL LIFE	> 100,000 OPERATIONS	TERMINALS (SWITCHING)COPPER - SILVER PLATED OR TINNED
LIFE AT FULL LOAD	> 10,000 OPERATIONS	TERMINALS (ILLUMIN) COPPER - TINNED
CONTACT RESISTANCE:	INITIALLY	SLIDER (ON-OFF) COPPER
	AFTER 10,000 OPERATIONS	SLIDER (C/O) COPPER - SILVER PLATED
	100 MILLIOHMS (MAX) 100 MILLIOHMS (MIN) 70A (58A FOR TYPE 20)	
INRUSH CURRENT (PEAK)		

SWITCH NUMBERING SYSTEM

ORDERING SEQUENCE: SERIES - ACTION CODE - BODY COLOUR - BUTTON STYLE - BUTTON COLOUR - LAMP COLOUR - RATING - TERMINAL

EXAMPLE: MR20A1BB016

IS FOR A MINI ROCKER 20, SPST, ON-OFF, BLACK BODY, BLACK VEE ROCKER, NO ILLUMINATION, RATED 6A 125VAC, 0.110 X 0.032 MALE TABS

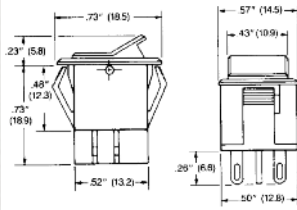
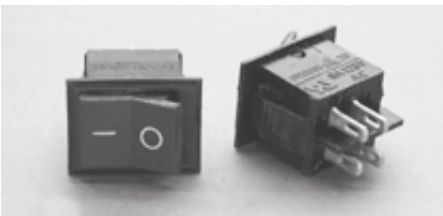
ROCKER SWITCH
SELECTOR GUIDE

ACTION CODE	BODY COLOUR	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
A- SPST ON-OFF	1- BLACK GLOSS	A- LENS	CLEAR TRANSPARENT	1- 120V ILLUMINATED	PLEASE CHECK THE	1- 6" TEW WIRE LEADS
B- SPST ON-OFF ILLUM.	2- BROWN GLOSS	B- VEE (PLAIN)	B- BLACK OPAQUE	2- 24/28V ILLUMINATED	INDIVIDUAL SWITCH	2-
C- SPST (ON)-OFF	3- GREY GLOSS	C- VEE HIGH (PLAIN)	C- RED TRANSPARENT	3- 12V ILLUMINATED	FOR A COMPLETE	3-
D- SPDT ON-ON	4- BEIGE GLOSS	D- VEE (MATTE)	D- AMBER TRANSPARENT	4- 12V LED ADD COLOUR	LIST OF THE RATINGS	4- 0.110 X 0.032 MALE TABS
E- SPDT ON-ON ILLUM. BOTH POSITIONS	5- WHITE GLOSS	E- VEE LOW (PLAIN)	E- BROWN OPAQUE	5-	FOR EACH SERIES.	5- 0.250 X 0.032 MALE TABS
F- SPDT (ON)-ON	6- GREY MATTE	F- VEE LOW (MATTE)	F- BLUE TRANSPARENT	6-		6- 0.187 X 0.032 MALE TABS
G- SPDT ON-OFF-ON	7- BLACK MATTE	G- SCALLOP (PLAIN)	G- GREEN TRANSPARENT	7- 240V ILLUMINATED	MOST OFFER UL/CSA	7- 632 SCREW TERMINALS
H- SPDT (ON)-OFF-(ON)	8- WHITE MATTE	H- SCALLOP (MATTE)	H- BEIGE OPAQUE	0- STANDARD NON-ILLUMINATED	VDE/SECV/SEMKO	8- SOLDER LUG
I- DPST ON-OFF	9- BROWN MATTE	I- SCALLOP	I- WHITE OPAQUE		AND IMQ LISTINGS.	9- PC SOLDER PINS
J- DPST ON-OFF ILLUM.	0- BEIGE MATTE	J- SCALLOP AMBER WINDOW	J- IVORY			
K- DPST (ON)-OFF		K- FLAT (PLAIN)	K- ARCTIC GREY			
L- DPDT ON-ON		L- THREE LEVEL FLAT	L- ALUMINUM TURNED			
M- DPDT ON-ON ILLUM. BOTH POSITIONS		M- LEVER (TRANSLUCENT)	O- CHROME PLATED			
N- DPDT (ON)-ON		N- LEVER (OPAQUE)	Q- RED OPAQUE			
O- DPDT ON-OFF-ON		O- PUSH ON (LEVER)				
P- DPDT (ON)-OFF-(ON)		P- PADDLE (LEVER)				
Q- INDICATOR LIGHT OFF-ON-ON PROGRESSIVE/ PROGRESSIVE		Q- ROUND				
R- DPDT OFF-ON-ON PROGRESSIVE/ ILLUM.		R- AUTO ROUND				
S- DPDT OFF-ON-ON PROGRESSIVE/ ILLUM.						

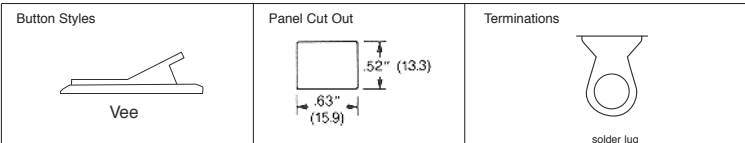
MINIATURE ROCKER SWITCHES

L3

MR20 Series Subminiature Rocker Switches



- Reliable, rugged, double insulated all plastic switch
- Ultra compact design for use where space is at a premium
- Front mount snap-in or PC back panel mount
- Available in many circuits, terminations and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 6A 125VAC / 4A 250VAC
- With slow make/slow break contact mechanism
- UL Recognized and CSA Approved
- International approvals available upon request
- Markings are available, please see legend section and add suffix for legend and colour.

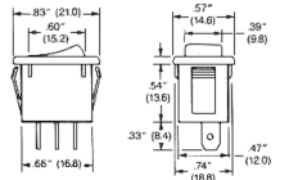
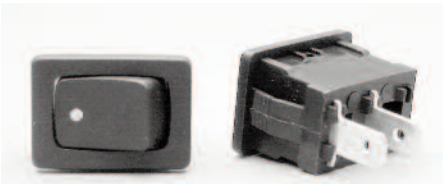


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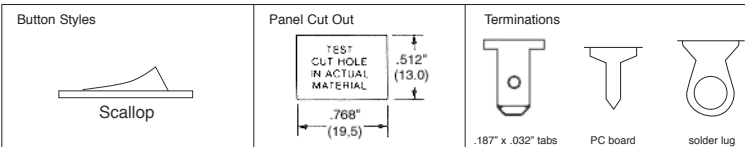
MR20

ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
A-SPST ON-OFF	1-BLACK GLOSS	A-LENS	B-BLACK OPAQUE	1-120V ILLUM.	1-6A 125VAC UL	8- SOLDER LUG
I-DPST ON-OFF	7-BLACK MATTE	B-VEE (PLAIN)	C-RED TRANSPARENT	6-120 ILLUM. IN BUTTON	6A 125VAC CSA	
L-DPST ON-ON	8-WHITE MATTE	D-VEE (MATTE)	D-AMBER TRANSPARENT	7-240V ILLUM.	4A 250VAC	
Q-INDICATOR LIGHT			I-WHITE OPAQUE	0-STANDARD NON-ILLUM.	4A 250VAC VDE	
			Q-RED OPAQUE		10A 250VAC SECV	

MR23 Series Subminiature Rocker Switches



- Reliable, rugged, double insulated all plastic switch
- Ultra compact design for use where space is at a premium
- Front mount snap-in or PC back panel mount
- Available in many circuits, terminations and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 6A 125VA / 4A 250VAC
- With slow make/slow break contact mechanism
- UL Recognized and CSA Approved
- International approvals available upon request



To order simply fill in the boxes

MR23

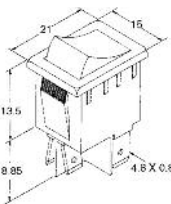
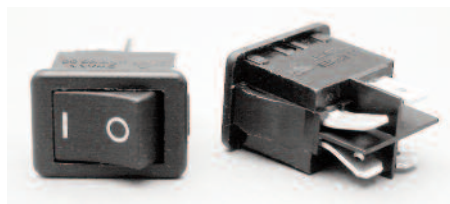
ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
A-SPST ON-OFF	1-BLACK GLOSS	G-SCALLOP (GLOSS)	B-BLACK OPAQUE	1-120V ILLUM.	1-4A 250VAC UL	6- .187" X .032" MALE TABS
B-SPST ON-OFF ILLUM.	3-GREY GLOSS	H-SCALLOP (MATTE)	C-RED TRANSPARENT	7-120V ILLUM. IN BUTTON	8A 125VAC	8-SOLDER LUG
C-SPST (ON)-OFF	5-WHITE GLOSS	I-SCALLOP	D-AMBER TRANSPARENT	0-STANDARD NON-ILLUM.	6A 28VDC	9-PC SOLDER PINS
D-SPDT ON-ON	6-GREY MATTE	J-SCALLOP AMBER WIND	G-GREEN TRANSPARENT		16A 12VDC	
F-SPDT (ON)-ON	7-BLACK MATTE		I-WHITE OPAQUE		4A 250VAC CSA	
G-SPDT ON-OFF-ON	8-WHITE MATTE		Q-RED OPAQUE		8A 125VAC	
H-SPDT (ON)-OFF-(ON)					6A 28VDC	
					4A 250VAC VDE	
					4A 250VAC IMQ	
					6A 240VAC SECV	
					4A 250VAC SEMKO	

Switches

MINIATURE ROCKER SWITCHES

L4

MR33 Series Miniature Rocker Switches



- Reliable, rugged, double insulated all plastic switch
- Ultra compact design for use where space is at a premium
- Snap-in front mount in single pole, single or double throw
- Available in many circuits, terminations and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 15A 125VAC / 8A 250VAC 1/2HP
- With slow make/slow break contact mechanism
- UL Recognized and CSA Approved
- International approvals available upon request
- Markings are available, please see legend section and add suffix for legend and colour.

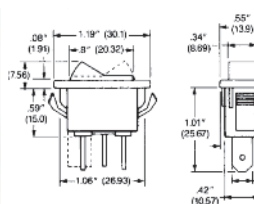
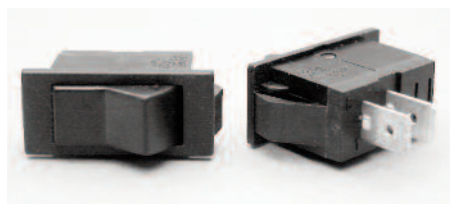
Button Styles Scalloped	Panel Cut Out Max. panel thickness 3.0 Min. panel thickness 1.0 Cut out size 19.5 x 13.2	Terminations .187" X .032" tabs solder lug
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To order simply fill in the boxes

MR33

ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
A-SPST ON-OFF	7-BLACK MATTE	H-SCALLOP (MATTE)	B-BLACK OPAQUE	1-120V ILLUM.	1-6A 125VAC UL	6-.187" X .032" MALE TABS
B-SPST ON-OFF ILLUM.	8-WHITE MATTE		C-RED TRANSPARENT	2-24/28V ILLUM.	8A 250VAC	8-SOLDER LUG
I-DPST ON-OFF			D-AMBER TRANSPARENT	3-12V ILLUM.	10A 250VAC (RES)	
J-DPST ON-OFF ILLUM.			G-GREEN TRANSPARENT	7-240V ILLUM.	16A 12VDC	
			I-WHITE OPAQUE	0-STANDARD NON-ILLUM.	16A 125VAC CSA	
			Q-RED OPAQUE		8A 250VAC	
					10A 250VAC VDE	
					IMQ	
					SEMKO	

MR39 Series Miniature Rocker Switches



- Reliable, rugged, double insulated all plastic switch
- Ultra compact design for use where space is at a premium
- Snap-in front mount in single pole, single or double throw
- Available in many circuits, terminations and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 15A 125VAC / 8A 250VAC 1/2HP
- With slow make/slow break contact mechanism
- UL Recognized and CSA Approved
- International approvals available upon request
- Markings are available, please see legend section and add suffix for legend and colour.

Button Styles Low VEE Scalloped	Panel Cut Out 4.80" (12.2) 1.07" (27.2)	Terminations .250" X .032" tabs solder lug
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To order simply fill in the boxes

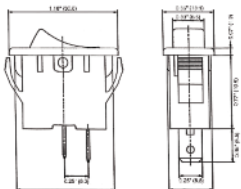
MR39

ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
A-SPST ON-OFF	6-GREY MATTE	F-VEE LOW (MATTE)	B-BLACK OPAQUE	1-120V ILLUM.	1-6A 125V/250VAC UL	5-.250" X .032" MALE TABS
B-SPST ON-OFF ILLUM.	7-BLACK MATTE	H-SCALLOP (MATTE)	C-RED TRANSPARENT	2-24/28V ILLUM.	6A 28VAC	8-SOLDER LUG
C-SPST (ON)-OFF	8-WHITE MATTE		D-AMBER TRANSPARENT	3-12V ILLUM.	6A 14VT	
D-SPDT ON-ON			G-GREEN TRANSPARENT	7-240V ILLUM.	15A 125VAC	
F-SPDT (ON)-ON			I-WHITE OPAQUE	0-STANDARD NON-ILLUM.	7.5A 250VAC	
			K-ARCTIC GREY		3A 120V	
			Q-RED OPAQUE		6A 125/250VAC CSA	
					15A 1/2HP 125VAC	
					8A 250VAC	

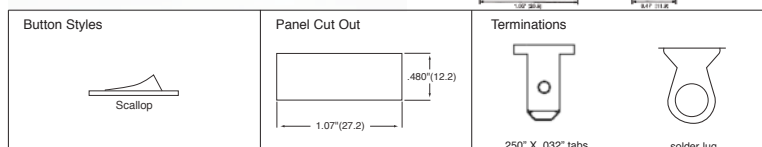
ROCKER SWITCHES

R40 Series Miniature Rocker Switches

L5



- Reliable, rugged, double insulated all plastic switch
- Ultra compact design for use where space is at a premium
- Snap-in front mount in single pole, single or double throw
- Available in many circuits, terminations and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 15A 125VAC / 7.5A 250VAC 1/2HP
- With slow make/slow break contact mechanism
- UL Recognized and CSA Approved
- International approvals available upon request

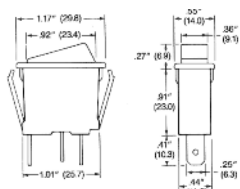


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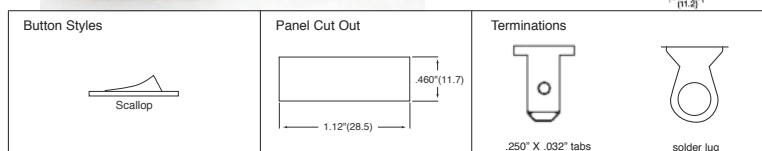
R40

ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS		TERMINAL OPTIONS
A-SPST ON-OFF	1-BLACK GLOSS	A-LENS	B-BLACK OPAQUE	1-120V ILLUM.	1-6A 125V/ 250VAC	UL	5- .250" X .032" MALE TABS
C-SPST (ON)-OFF	2-BROWN GLOSS	G-SCALLOP (PLAIN)	C-RED TRANSPARENT	2-24/ 28V ILLUM.	6A 28VDC/ 6A 14VT		8-SOLDER LUG
D-SPDT ON-ON	5-WHITE GLOSS	H-SCALLOP (MATTE)	D-AMBER TRANSPARENT	3-12V ILLUM.	15A 125VAC/ 7.5A 250VAC		
F-SPDT (ON)-ON	6-GREY MATTE		G-GREEN TRANSPARENT	7-240V ILLUM.	3A 120VL		
G-SPDT ON-OFF-ON	7-BLACK MATTE		I-WHITE OPAQUE	0-STANDARD NON-ILLUM.	6A 125/ 250VAC	CSA	
Q-INDICATOR LIGHT	8-WHITE MATTE		Q-RED OPAQUE		15A 125V/ 8A 250VAC		
	9-BROWN MATTE				.5HP 125VAC		
	0-BEIGE MATTE				12A 240VAC	SECV	
					6A 240VAC		

R41 Series Single Pole Rocker Switches



- Reliable, rugged, double insulated all plastic switch
- Ultra compact design for use where space is at a premium
- Snap-in front mount in single pole, single or double throw
- Available in many circuits, terminations and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 15A 125VAC / 7.5A 250VAC 1/2HP
- With slow make/slow break contact mechanism
- UL Recognized and CSA Approved
- International approvals available upon request
- Terminal Barrier option available.



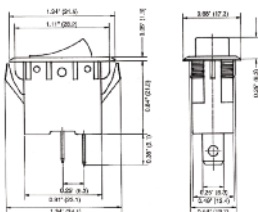
To order simply fill in the boxes

R41

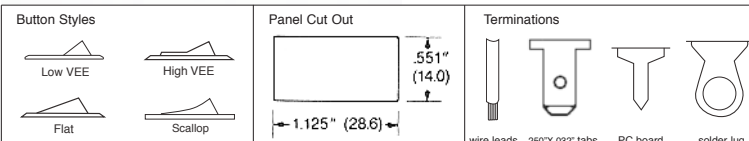
ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
A-SPST ON-OFF	1-BLACK GLOSS	A-LENS	B-BLACK OPAQUE	1-120V ILLUM.	1-6A 125V/ 250VAC	UL
B-SPST ON-OFF ILLUM.	5-WHITE GLOSS	E-VEE LOW (PLAIN)	C-RED TRANSPARENT	2-24/28V ILLUM.	6A 28VDC	
D-SPDT ON-ON		F-VEE LOW (MATTE)	D-AMBER TRANSPARENT	3-12V ILLUM.	6A 14VT	8-SOLDER LUG
Q-INDICATOR LIGHT		K-FLAT (PLAIN)	G-GREEN TRANSPARENT	7-240V ILLUM.	15A 125VAC	
			I-WHITE OPAQUE	0-STANDARD NON-ILLUM.	7.5A 250VAC	
			Q-RED OPAQUE		3A 120VL	
					6A 125/ 250VAC	CSA
					15A 125VAC	
					8A 250VAC	
					12A 240VAC	SECV

Switches

R43 Series Single Pole Rocker Switches



- Reliable, rugged, double insulated all plastic switch
- Ultra compact design for use where space is at a premium
- Snap-in front mount in single pole, single or double throw
- Available in many circuits, terminations and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 15A 125VAC / 7.5A 250VAC 1/2HP
- With slow make/slow break contact mechanism
- UL Recognized and CSA Approved
- International approvals available upon request
- Terminal Barrier option available.

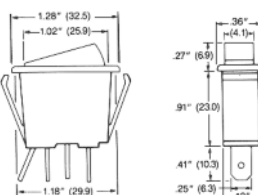


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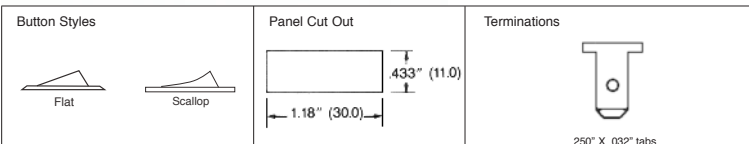
R43

ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
A-SPST ON-OFF	1-BLACK GLOSS	A-LENS	B-BLACK OPAQUE	1-120V ILLUM.	1-6A 125V/ 250VAC UL	1-6" TEW WIRE LEADS
B-SPST ON-OFF ILLUM.	5-WHITE GLOSS	C-VEE HIGH (PLAIN)	C-RED TRANSPARENT	2-24/28V ILLUM.	46A 228VAC	5- .250" X .032" MALE TABS
C-SPST (ON)-OFF	6-GREY MATTE	E-VEE LOW (PLAIN)	D-AMBER TRANSPARENT	3-12V ILLUM.	6A 14VT	8-SOLDER LUG
D-SPDT ON-ON	7-BLACK MATTE	H-SCALLOP (MATTE)	G-GREEN TRANSPARENT	7-240V ILLUM.	15A 125VAC	9-PC SOLDER PINS
F-SPDT (ON)-ON	8-WHITE MATTE	I-SCALLOP	I-WHITE OPAQUE	0-STANDARD NON-ILLUM.	7.5A 250VAC	
H-SPDT ON-OFF-ON		J-SCALLOP AMBR WIND	K-ARCTIC GREY		3A 120VL	
Q-INDICATOR LIGHT		K-FLAT (PLAIN)	Q-RED OPAQUE		6A 125/ 250VAC CSA	
					15A 125VAC	
					8A 250VAC	
					.5HP 125VAC	
					10(4)A 250VAC VDE	
					12A 240VAC SECV	

R44 Series Single Pole Rocker Switches



- Reliable, rugged, double insulated all plastic switch
- Ultra compact design for use where space is at a premium
- Snap-in front mount in single pole, single or double throw
- Available in many circuits, terminations and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 15A 125VAC / 7.5A 250VAC 1/2HP
- With slow make/slow break contact mechanism
- UL Recognized and CSA Approved
- International approvals available upon request
- Markings are available, please see legend section and add suffix for legend and colour.



To order simply fill in the boxes

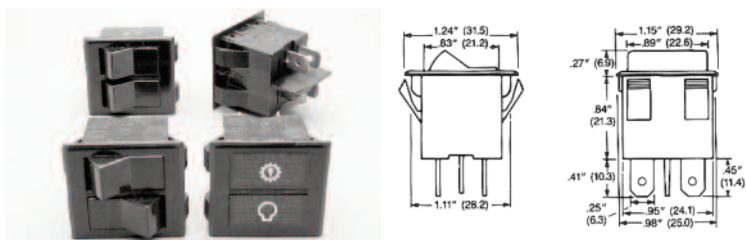
R44

ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
A-SPST ON-OFF	1-BLACK GLOSS	H-SCALLOP (MATTE)	B-BLACK OPAQUE	1-120V ILLUM.	1-20A 125VAC UL	5- .250" X .032" MALE TABS
B-SPST ON-OFF ILLUM.	5-WHITE GLOSS	K-FLAT (PLAIN)	C-RED TRANSPARENT	2-24/28V ILLUM.	15A 250VAC	
D-SPDT ON-ON			D-AMBER TRANSPARENT	3-12V ILLUM.	20A 125VAC CSA	
			G-GREEN TRANSPARENT	7-240V ILLUM.	15A 250VAC	
			I-WHITE OPAQUE	0-STANDARD NON-ILLUM.	.5HP 125VAC	
			Q-RED OPAQUE		16(6)A 250VAC VDE	
					15A 240VAC SECV	
					16A 240VAC	
					16(6)A 250VAC SEMKO	

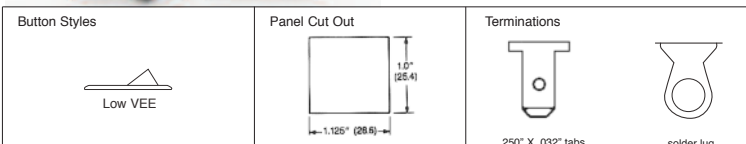
ROCKER SWITCHES

L7

R54 Series Tandem Single Rocker Switches



- Reliable, rugged, double insulated all plastic switch
- Design incorporates two single pole illuminated or non-illuminated switches in the same housing. Each pole can have the same or different functions.
- Available in many circuits, terminations and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 15A 125VAC / 7.5A 250VAC 1/2HP
- With slow make/slow break contact mechanism
- UL Recognized and CSA Approved
- International approvals available upon request
- Markings are available, please see legend section and add suffix for legend and colour.

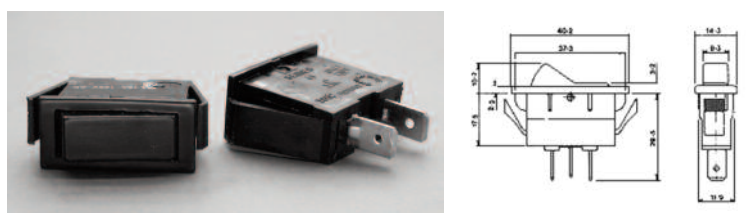


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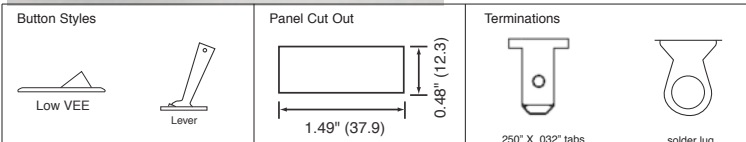
R54

ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
A-SPST ON-OFF	1-BLACK GLOSS	A-LENS	B-BLACK OPAQUE	1-120V ILLUM.	1-6A 125V/250VAC UL	5- .250" X .032" MALE TABS
B-SPST ON-OFF ILLUM.	5-WHITE GLOSS	B-VEE (PLAIN)	C-RED TRANSPARENT	2-24/ 28V ILLUM.	6A 28V	8-SOLDER LUG
C-SPST (ON)-OFF			D-AMBER TRANSPARENT	3-12V ILLUM.	6A 14VT	
D-SPDT ON-ON			G-GREEN TRANSPARENT	7-240V ILLUM.	15A 125VAC	
F-SPDT (ON)-ON			I-WHITE OPAQUE	0-STANDARD NON-ILLUM.	7.5A 250VAC	
Q-INDICATOR LIGHT			Q-RED OPAQUE		3A 125VL	
					6A 125V/250VAC CSA	
					15A 125VAC	
					8A 250VAC	
					.5HP 125VAC	
					12A 240VAC SECV	

R70 Series Single Pole Rocker Switches



- Reliable, rugged, double insulated all plastic switch
- Ultra compact design for use where space is at a premium
- Snap-in front mount in single pole, single or double throw
- Available in many circuits, terminations and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings up to: 15A 125VAC / 7.5A 250VAC 1/2HP
- With slow make/slow break contact mechanism
- UL Recognized and CSA Approved
- International approvals available upon request
- Markings are available, please see legend section and add suffix for legend and colour.

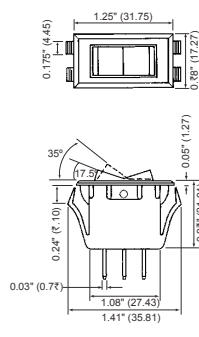


To order simply fill in the boxes

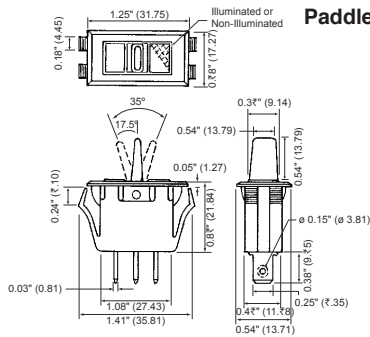
R70

ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
A-SPST ON-OFF	1-BLACK GLOSS	A-LENS	B-BLACK OPAQUE	1-120V ILLUM.	1-6A 125V/ 250VAC UL	5- .250" X .032" MALE TABS
B-SPST ON-OFF ILLUM.	5-WHITE GLOSS	E-VEE LOW (PLAIN)	C-RED TRANSPARENT	2-24/28V ILLUM.	6A 28V	8-SOLDER LUG
C-SPST (ON)-OFF		Q-LEVER (OPAQUE)	D-AMBER TRANSPARENT	3-12V ILLUM.	6A 14VT	
D-SPDT ON-ON			G-GREEN TRANSPARENT	7-240V ILLUM.	15A 125VAC	
G-SPDT ON-OFF-ON			I-WHITE OPAQUE	0-STANDARD NON-ILLUM.	7.5A 250VAC	
Q-INDICATOR LIGHT					3A 125VL	
					12A 125VAC	
					6A 125V/ 250VAC CSA	
					15A 125VAC	
					8A 250VAC	
					.5HP 125VAC	
					12A 240VAC	
					15A 240VAC	

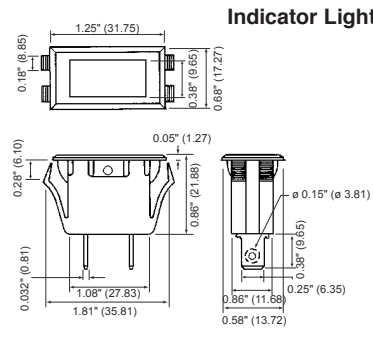
R80XX Series Single Pole Rocker Switches



Rocker



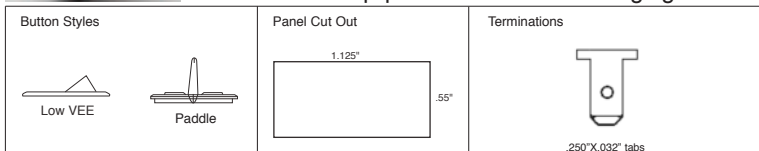
Paddle



Indicator Light

- Reliable, rugged, double insulated all plastic switch
- Standard series in single pole, single or double throw
- Manufactured for many years by Cutler-Hammer in the US.
- All tools and equipment and manufacturing rights were

- acquired in June, 1983 for the Mini-Rockette line
- Available in many circuits, terminations and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings up to: 15A 125VAC / 10A 250VAC 1HP
- With slow make/slow break contact mechanism
- UL Recognized File No. E88833
- CSA Approved File No. 054216 File No. 054217
- Markings are available, please see legend section and add suffix for legend and colour.



To order simply fill in the boxes

R80XX

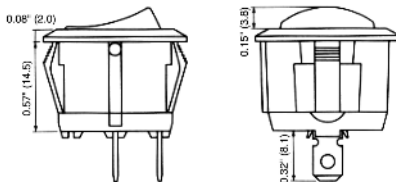
ITEM NUMBER	ACTION CODE	BODY COLOUR	ACTUATOR TYPE	ACTUATOR COLOUR	LENS COLOUR	LAMP CODING	METAL BEZEL	ELECTRICAL RATINGS			TERMINAL OPTIONS
								125VAC	250VAC	HP*	
NON-ILLUMINATED TYPES											
8020K20	G-SPDT ON-OFF-ON	M-WHITE V-BLACK	1-ROCKER 2-PADDLE	M-WHITE V-BLACK T-RED		0-STANDARD NON-ILLUM.	B	10	5	1/2	.250" TAB
8020K23	A-SPST ON-OFF										OPTIONAL FOR ALL
8020K26	D-SPDT ON-ON							10	5	1/2	.250" TAB
8021K20	G-SPDT ON-OFF-ON							15	10	1/2	.250" TAB
8021K23	A-SPST ON-OFF							15	10	1	.250" TAB
8021K26	D-SPDT ON-ON							15	10	1	.250" TAB
INDICATOR LIGHTS											
8029K10	Q-INDICATOR LIGHT	M-WHITE V-BLACK			M-WHITE	1-125V NEON	B	--	--	--	.250" TAB
					T-RED	2-12V INCANDESCENT		--	--	--	
					A-AMBER	3-28V INCANDESCENT	OPTIONAL				
					G-GREEN	4-250V NEON	FOR				
					B-BLUE		ALL				

*HP AT 125/250VAC

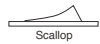
ROCKER SWITCHES

L9

R112 Series Single Pole Round Rocker Switches



- Reliable, rugged, double insulated all plastic switch
- Round Euro Style compact design for enhanced appearance or where space is at a premium
- Easy snap-in front mount into a round hole, available in single pole, single or double throw
- Available in many circuits and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 10A 125VAC / 6A 250VAC
- With slow make/slow break contact mechanism
- CSA Approved, UR Recognized, VDE, TUV, F, N, D, S
- Markings are available, please see legend section and add suffix for legend and colour.

Button Styles	Panel Cut Out	Terminations
 Scalloped	 .790\" (20.2mm)	 .187\" X .032\" tabs

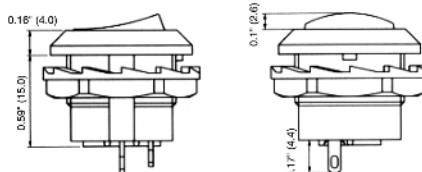
To order simply fill in the boxes

R112

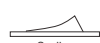
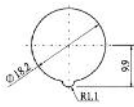


ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
A-SPST ON-OFF	7-BLACK MATTE	H-SCALLOP (MATTE)	B-BLACK OPAQUE	1-120V ILLUM.	8-10A 125V/6A 250VAC CSA	6-.187\" X .032\" MALE TABS
B-SPST ON-OFF ILLUM.	8-WHITE MATTE	I-SCALLOP	C-RED TRANSPARENT	2-24/28V ILLUM.		
C-SPST (ON)-OFF			D-AMBER TRANSPARENT	3-12V ILLUM.		
D-SPDT ON-ON			G-GREEN TRANSPARENT	7-240V ILLUM.		
F-SPDT (ON)-ON			I-WHITE OPAQUE	0-STANDARD NON-ILLUM.		
Q-INDICATOR LIGHT			Q-RED OPAQUE			

R130 Series Single Pole Round Rocker Switches



- Reliable, rugged, double insulated all plastic switch
- Round Euro Style compact design for enhanced appearance or where space is at a premium
- Easy front mount into a round hole, with nut from behind to secure into a wide range of panel thickness'
- Available in many circuits and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 10A 125VAC / 6A 250VAC
- With slow make/slow break contact mechanism
- CSA Approved
- Markings are available, please see legend section and add suffix for legend and colour.

Button Styles	Panel Cut Out	Terminations
 Scalloped	 .790\" (20.2mm)	 Solder Lug

To order simply fill in the boxes

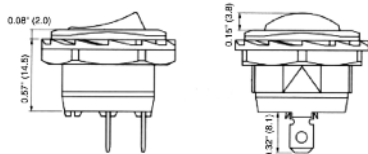
R130



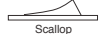
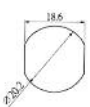
ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
A-SPST ON-OFF	7-BLACK MATTE	A-LENS	B-BLACK OPAQUE	1-120V ILLUM.	8-10A 125V/6A 250VAC CSA	8-SOLDER LUG
D-SPDT ON-ON	8-WHITE MATTE	H-SCALLOP (MATTE)	C-RED TRANSPARENT	2-24/28V ILLUM.		
L-DPDT ON-ON			D-AMBER TRANSPARENT	3-12V ILLUM.		
			G-GREEN TRANSPARENT	7-240V ILLUM.		
			I-WHITE OPAQUE	0-STANDARD NON-ILLUM.		
			Q-RED OPAQUE			

L10

R135 Series Single Pole Rocker Switches



- Reliable, rugged, double insulated all plastic switch
- Round Euro Style actuator in a squared off face in a compact design for enhanced appearance in tight spaces
- Easy front mount into a round hole with nut from behind to secure into a wide range of panel thickness'
- Available in many circuits and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 10A 125VAC / 6A 250VAC
- With slow make/slow break contact mechanism
- CSA Approved, UR Recognized, VDE, TUV, F, N, D, S
- Markings are available, please see legend section and add suffix for legend and colour.

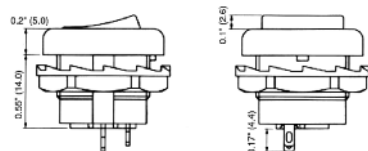
Button Styles	Panel Cut Out	Terminations
 Scalloped		 .187\"/>

To order simply fill in the boxes

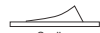
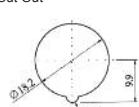
R135

ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
A-SPST ON-OFF	7-BLACK MATTE	A-LENS	B-BLACK OPAQUE	1-120V ILLUM.	1-10A 125V/6A 250VAC CSA	6- .187\"/>
B-SPST ON-OFF ILLUM.	8-WHITE MATTE	H-SCALLOP (MATTE)	C-RED TRANSPARENT	2-24/28V ILLUM.		
C-SPST (ON)-OFF			D-AMBER TRANSPARENT	3-12V ILLUM.		
D-SPDT ON-ON			G-GREEN TRANSPARENT	7-240V ILLUM.		
F-SPDT (ON)-ON			I-WHITE OPAQUE	0-STANDARD NON-ILLUM.		
Q-INDICATOR LIGHT			Q-RED OPAQUE			

R136 Series Single Pole Rocker Switches



- Reliable, rugged, double insulated all plastic switch
- Round Euro Style compact design for enhanced appearance or where space is at a premium
- Easy front mount into a round hole, with nut from behind to secure into a wide range of panel thickness'
- Available in many circuits and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 10A 125VAC / 6A 250VAC
- With slow make/slow break contact mechanism
- CSA Approved
- Markings are available, please see legend section and add suffix for legend and colour.

Button Styles	Panel Cut Out	Terminations
 Scalloped		 Solder Lug

To order simply fill in the boxes

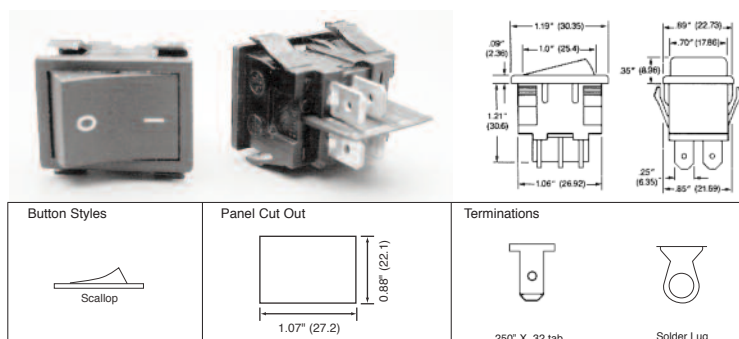
R136

ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
A-SPST ON-OFF	1-BLACK GLOSS	A-LENS	B-BLACK OPAQUE	1-120V ILLUM.	8-10A 125V/6A 250VAC CSA	8-SOLDER LUG
B-SPST ON-OFF ILLUM.	5-WHITE GLOSS	H-SCALLOP (MATTE)	C-RED TRANSPARENT	2-24/28V ILLUM.		
D-SPDT ON-ON			D-AMBER TRANSPARENT	3-12V ILLUM.		
L-DPDT ON-ON			G-GREEN TRANSPARENT	7-240V ILLUM.		
			I-WHITE OPAQUE	0-STANDARD NON-ILLUM.		
			Q-RED OPAQUE			

ROCKER SWITCHES

L11

R50 Series Double Pole Rocker Switches



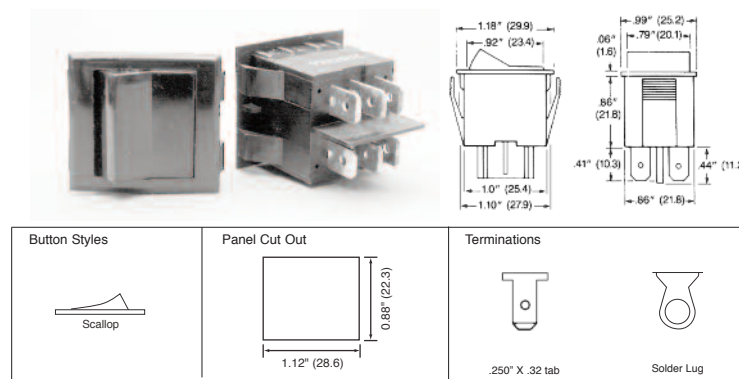
- Reliable, rugged, double insulated all plastic switch
- Snap-in front mount, in double pole, single or double throw
- Available in many circuits, terminations and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 15A 125VAC / 7.5A 250VAC 1/2HP
- With slow make/slow break contact mechanism
- UL Recognized and CSA Approved
- International approvals available upon request
- Markings are available, please see legend section and add suffix for legend and colour.

To order simply fill in the boxes

R50

ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
I-DPST ON-OFF	7-BLACK MATTE	A-LENS	B-BLACK OPAQUE	1-120V ILLUM.	1-6A 125V/ 250VAC	UL
J-DPST ON-OFF ILLUM.	8-WHITE MATTE	H-SCALLOP (MATTE)	C-RED TRANSPARENT	2-24/28V ILLUM.	6A 28VAC	5- .250" X .032" MALE TABS
K-DPST (ON)-OFF			D-AMBER TRANSPARENT	3-12V ILLUM.	6A 14VT	8-SOLDER LUG
L-DPDT ON-ON			G-GREEN TRANSPARENT	4-12V LED ADD COLOUR	15A 125VAC	
M-DPDT ON-ON ILLUM. BOTH POSITIONS			I-WHITE OPAQUE	7-240V ILLUM.	7.5A 250VAC	
N-DPDT (ON)-ON			Q-RED OPAQUE	0-STANDARD NON-ILLUM.	3A 120VL	
P-DPDT(ON)-OFF-(ON)					6A 125V/ 250VAC	CSA
Q-INDICATOR LIGHT					15A 125VAC	
					8A 250VAC	
					.5HP 125VAC	
					12A 240VAC	SECV
					15A 250VAC	

R51 Series Double Pole Rocker Switches



- Reliable, rugged, double insulated all plastic switch
- Snap-in front mount, in double pole, single or double throw
- Available in many circuits, terminations and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 15A 125VAC / 7.5A 250VAC
- With slow make/slow break contact mechanism
- UL Recognized and CSA Approved
- International approvals available upon request
- Markings are available, please see legend section and add suffix for legend and colour.

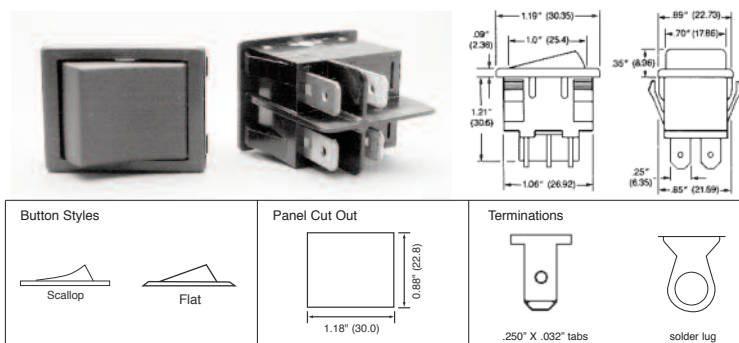
To order simply fill in the boxes

R51

ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
A-SPST ON-OFF	7-BLACK MATTE	H-SCALLOP (MATTE)	B-BLACK OPAQUE	1-120V ILLUM.	1-6A 125V/250VAC	UL
B-SPST ON-OFF ILLUM.	8-WHITE MATTE		C-RED TRANSPARENT	2-24/28V ILLUM.	6A 28VAC	5- .250" X .032" MALE TABS
I-DPST ON-OFF			D-AMBER TRANSPARENT	3-12V ILLUM.	6A 14VT	8-SOLDER LUG
J-DPST ON-OFF ILLUM.			G-GREEN TRANSPARENT	4-12V LED ADD COLOUR	15A 125VAC	
K-DPST (ON)-OFF			I-WHITE OPAQUE	7-240V ILLUM.	7.5A 250VAC	
L-DPDT ON-ON			Q-RED OPAQUE	0-STANDARD NON-ILLUM.	3A 120VL	
M-DPDT ON-ON ILLUM. BOTH POSITIONS					6A 125V/250VAC	CSA
N-DPDT (ON)-ON					15A 125VAC	
O-DPDT ON-OFF-ON					8A 250VAC	
P-DPDT(ON)-OFF-(ON)					10(4)A 250VAC	VDE
					12A 240VAC	SECV

Switches

R52 Series Double Pole Rocker Switches



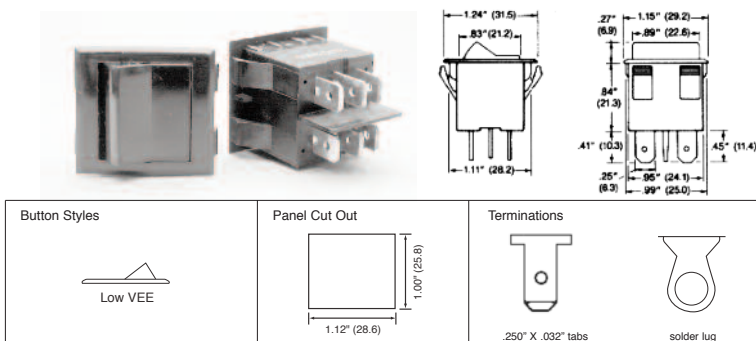
- Reliable, rugged, double insulated all plastic switch
- Snap-in front mount, in double pole, single or double throw
- Available in many circuits and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 20A 125VAC / 16A 250VAC
- With slow make/slow break contact mechanism
- UL Recognized and CSA Approved
- International approvals available upon request
- Markings are available, please see legend section and add suffix for legend and colour.

To order simply fill in the boxes

R52

ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
I-DPST ON-OFF	1-BLACK GLOSS	G-SCALLOP (PLAIN)	B-BLACK OPAQUE	1-120V ILLUM.	7-20A 125V/15A 250VAC	5- .250" X .032" MALE TABS
J-DPST ON-OFF ILLUM.	5-WHITE GLOSS	K-FLAT (PLAIN)	C-RED TRANSPARENT	7-240V ILLUM.	8-20A/12VDC	UL
K-DPST (ON)-OFF	7-BLACK MATTE		D-AMBER TRANSPARENT	0-STANDARD NON-ILLUM.	9-16(6)A 250VAC	SEMKO
L-DPDT ON-ON	8-WHITE MATTE		G-GREEN TRANSPARENT			
M-DPDT ON-ON ILLUM. BOTH POSITIONS			I-WHITE OPAQUE			
N-DPDT (ON)-ON			Q-RED OPAQUE			

R53 Series Double Pole Rocker Switches



- Reliable, rugged, double insulated all plastic switch
- Snap-in front mount, in double pole, single or double throw
- Available in many circuits, terminations and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 15A 125VAC / 8A 250VAC 1/2HP
- With slow make/slow break contact mechanism
- UL Recognized and CSA Approved
- International approvals available upon request
- Markings are available, please see legend section and add suffix for legend and colour.

To order simply fill in the boxes

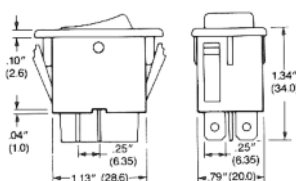
R53

ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
I-DPST ON-OFF	1-BLACK GLOSS	E-VEE LOW (PLAIN)	B-BLACK OPAQUE	1-120V ILLUM.	1-6A 125V/ 4A 250VAC	UL/CSA
J-DPST ON-OFF ILLUM.	5-WHITE GLOSS		C-RED TRANSPARENT	2-24/28V ILLUM.	2-4A 250V	SECV/DE
K-DPST (ON)-OFF	7-BLACK MATTE		D-AMBER TRANSPARENT	3-12V ILLUM.	3-15A 125V/ 7.5A 250VAC	UL/CSA
L-DPDT ON-ON	8-WHITE MATTE		G-GREEN TRANSPARENT	7-240V ILLUM.	.5HP 250VAC	
M-DPDT ON-ON ILLUM. BOTH POSITIONS			I-WHITE OPAQUE	0-STANDARD NON-ILLUM.	4-6A 14VT	UL
N-DPDT (ON)-ON			Q-RED OPAQUE		5-6A 28VD	
O-DPDT ON-OFF-ON					6-3A 125VAC	

ROCKER SWITCHES

L13

R81 Series Double Pole Euro Style Rocker Switches



- Reliable, rugged, double insulated all plastic switch
- Euro Style design in double pole, single or double throw
- Available in many circuits and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 15A 125VAC With slow make/slow break contact mechanism
- SECV Approved
- Markings are available, please see legend section and add suffix for legend and colour.

Button Styles  Scalloped	Panel Cut Out 	Terminations  .250\" X .032\" tabs
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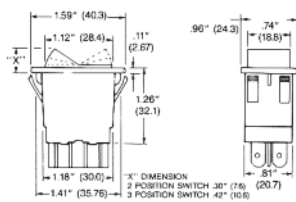
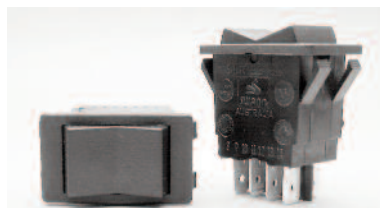
To order simply fill in the boxes

R81



ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
A-SPST ON-OFF	1-BLACK GLOSS	H-SCALLOP (MATTE)	B-BLACK OPAQUE	1-120V ILLUM.	3-15A 125VAC CSA	5- .250\" X .032\" MALE TABS
I-DPST ON-OFF	7-BLACK MATTE		C-RED TRANSPARENT	2-24/28V ILLUM.	8A 250VAC	
J-DPST ON-OFF ILLUM.			D-AMBER TRANSPARENT	3-12V ILLUM.	.5HP 125VAC	
K-DPST (ON)-OFF				7-240V ILLUM.	10A 250VAC VDE	
L-DPDT ON-ON				0-STANDARD NON-ILLUM.		
M-DPDT ON-ON ILLUM. BOTH POSITIONS						

R82 Series Double Pole Rocker Switches



- Reliable, rugged, double insulated all plastic switch
- Snap-in front mount, in double pole, single or double throw
- Available in many circuits, terminations and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 15A 125VAC / 7.5A 250VAC 1/2HP
- With slow make/slow break contact mechanism
- UL Recognized and CSA Approved
- International approvals available upon request
- Markings are available, please see legend section and add suffix for legend and colour.

Button Styles  Low VEE	Panel Cut Out 	Terminations  .250\" X .032\" tabs
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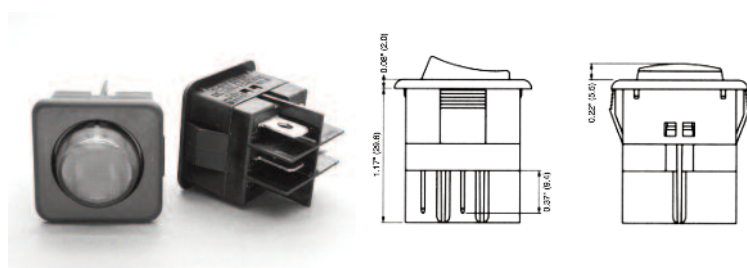
To order simply fill in the boxes

R82



ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
I-DPST ON-OFF	7-BLACK MATTE	F-VEE LOW (MATTE)	B-BLACK OPAQUE	1-120V ILLUM.	1-6A 125V/250VAC UL	5- .250\" X .032\" MALE TABS
J-DPST ON-OFF ILLUM.	8-WHITE MATTE		C-RED TRANSPARENT	2-24/28V ILLUM.	6A 28VDC	
K-DPST (ON)-OFF			D-AMBER TRANSPARENT	3-12V ILLUM.	6A 14VT	
L-DPDT ON-ON			F-BLUE TRANSPARENT	7-240V ILLUM.	15A 125VAC	
M-DPDT ON-ON ILLUM. BOTH POSITIONS			I-WHITE OPAQUE	0-STANDARD NON-ILLUM.	7.5A 250VAC	
N-DPDT (ON)-ON			Q-RED OPAQUE		3A 120V	
O-DPDT ON-OFF-ON					6A 125V/250VAC CSA	
P-DTDT (ON)-OFF-(ON)					15A 125VAC	
R-DPDT OFF-ON-ON PROGRESSIVE					8A 250VAC	
S-DPDT OFF-ON-ON PROGRESSIVE/ ILLUM.					.5HP 250VAC	
					12A 240VAC SECV	

R104 Series Double Pole Rocker Switches



- Reliable, rugged, double insulated all plastic switch
- Square Euro Style actuator in a squared off face in a compact design for enhanced appearance in tight spaces
- Easy front snap-in mount into a square hole. Stepped locking ears to secure into a wide range of panel thickness'
- Available in many circuits, terminations and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 16A 125VAC / 10A 250VAC
- With slow make/slow break contact mechanism
- UR Listed, CSA Approved
- Markings are available, please see legend section and add suffix for legend and colour.

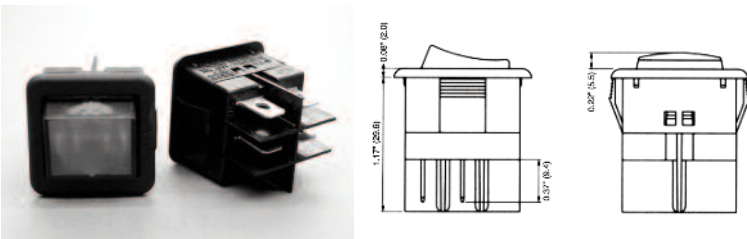
Button Styles	Panel Cut Out	Terminations
 Scalloped		 .250\" X .032\" tabs

To order simply fill in the boxes

R104

ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
I-DPST ON-OFF	1-BLACK GLOSS	H-SCALLOP (MATTE)	B-BLACK OPAQUE	1-120V ILLUM.	9-16A 125V/10A 250VAC UR	5- .250\" X .032\" MALE TABS
J-DPST ON-OFF ILLUM.	5-WHITE GLOSS		C-RED TRANSPARENT	2-24/28V ILLUM.		
L-DPDT ON-ON			D-AMBER TRANSPARENT	3-12V ILLUM.		
			G-GREEN TRANSPARENT	7-240V ILLUM.		
			I-WHITE OPAQUE	0-STANDARD NON-ILLUM.		
			Q-RED OPAQUE			

R105 Series Double Pole Rocker Switches



- Reliable, rugged, double insulated all plastic switch
- Square Euro Style actuator in a squared off face in a compact design for enhanced appearance in tight spaces
- Easy front snap-in mount into a square hole. Stepped locking ears to secure into a wide range of panel thickness'
- Available in many circuits, terminations and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 16A 125VAC / 10A 250VAC
- With slow make/slow break contact mechanism
- UR Listed, CSA Approved
- Markings are available, please see legend section and add suffix for legend and colour.

Button Styles	Panel Cut Out	Terminations
 Scalloped		 .250\" X .032\" tabs

To order simply fill in the boxes

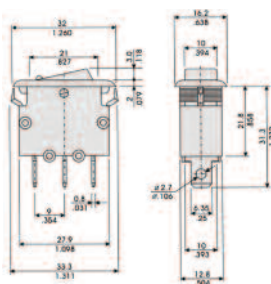
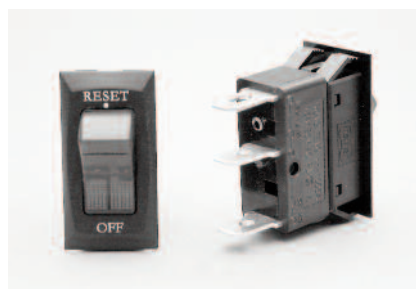
R105

ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
I-DPST ON-OFF	1-BLACK GLOSS	H-SCALLOP (MATTE)	B-BLACK OPAQUE	1-120V ILLUM.	9-16A 125V/10A 250VAC UR	5- .250\" X .032\" MALE TABS
J-DPST ON-OFF ILLUM.	5-WHITE GLOSS		C-RED TRANSPARENT	2-24/28V ILLUM.		
L-DPDT ON-ON			D-AMBER TRANSPARENT	3-12V ILLUM.		
			G-GREEN TRANSPARENT	7-240V ILLUM.		
			I-WHITE OPAQUE	0-STANDARD NON-ILLUM.		
			Q-RED OPAQUE			

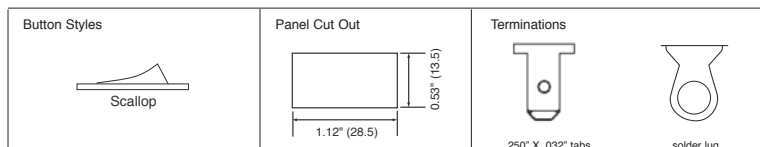
ROCKER SWITCH W/ CIRCUIT BREAKER

RF-1005 Rocker Switch Circuit Breaker

L15



- Combines reliable circuit protection, power switch and indicator light in one compact standard rocker switch design.
- Snap in mounting into most standard panel cutouts.
- Reliable trip free thermal breaker for circuit protection.
- Available in illuminated and non-illuminated versions.
- Available in 5 to 15 AMP rated versions.



To order simply fill in the boxes

RF1005-



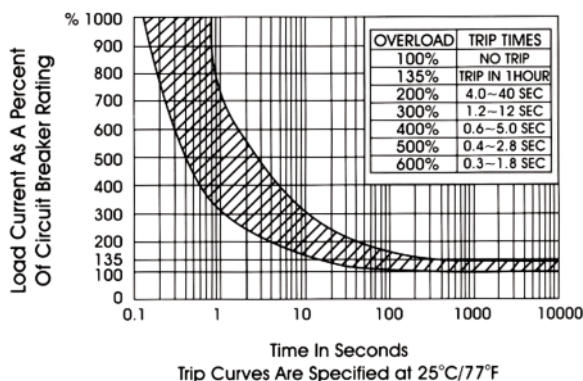
ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
A-SPST ON-OFF	1-BLACK	G-SCALLOP (PLAIN)	B-BLACK OPAQUE	1-120V ILLUM.	5-5A/ 125VAC	5- .250\" X .032\" MALE TABS
B-SPST ON-OFF ILLUM.	5-WHITE		C-RED TRANSPARENT	0-STANDARD NON-ILLUM.	7-7A/ 125VAC	8-SOLDER LUG
					8-8A/ 125VAC	
					10-10A/ 125VAC	
					13-13A/ 125VAC	
					15-15A/ 125VAC	

Markings are available, please see legends section and add suffix for legend and colour.
Specifications are subject to change without notice.

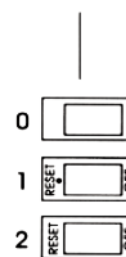
Capacity Correction Factors for Ambient Temperatures

Current Rating/ Amps 5 to 15A	Temperature	
	°F	°C
.90	+10	+50
.95	+20	+68
1.00	+25	+77
1.10	+30	+86
1.32	+40	+104
1.61	+50	+122
2.15	+60	+140

Trip Curves



Marking Options



ROCKER SWITCHES MARKINGS AND LEGENDS

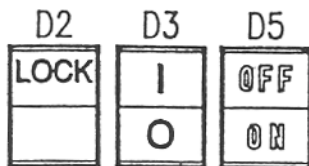
L16

VEE

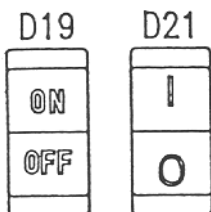
FLAT

SCALLOP

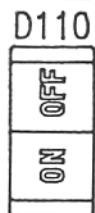
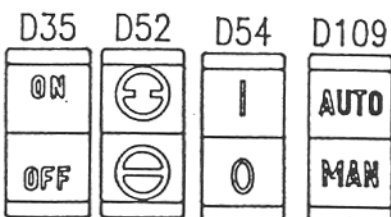
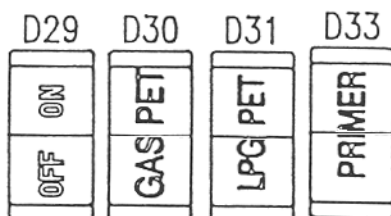
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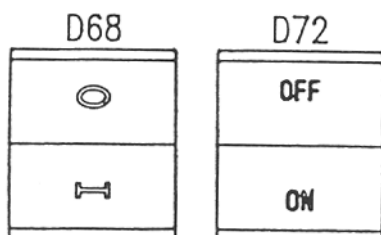
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43



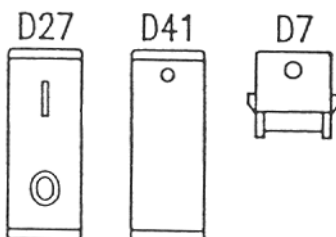
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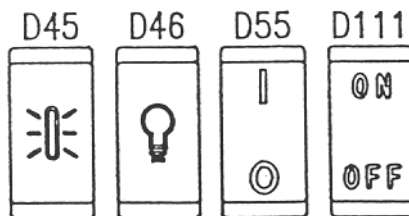
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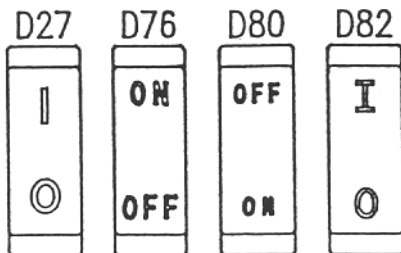
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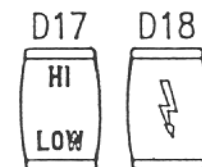
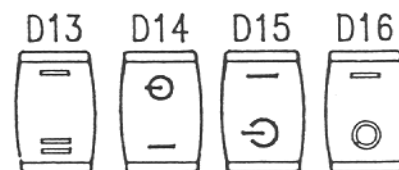
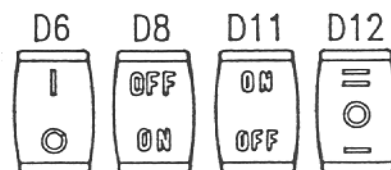
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44

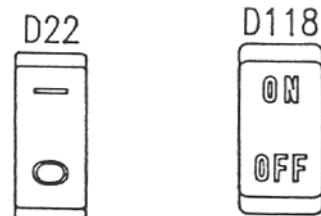


23 / 33

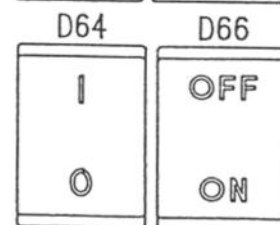
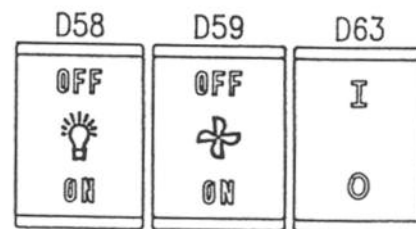


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43



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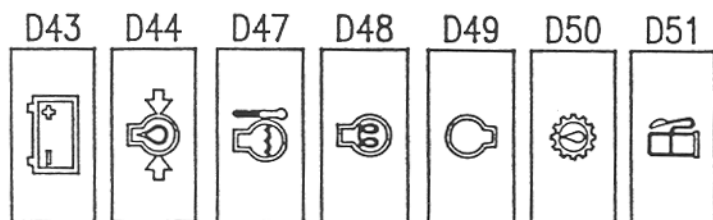


ROCKER SWITCHES MARKINGS AND LEGENDS

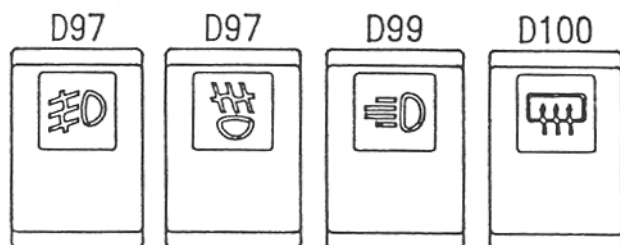
L17

LENS

43

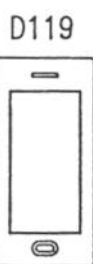
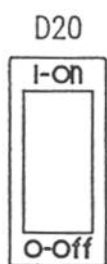


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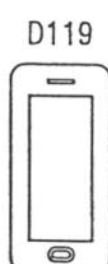


BODY

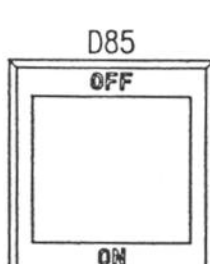
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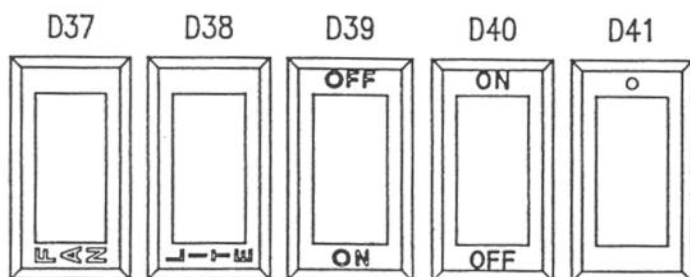
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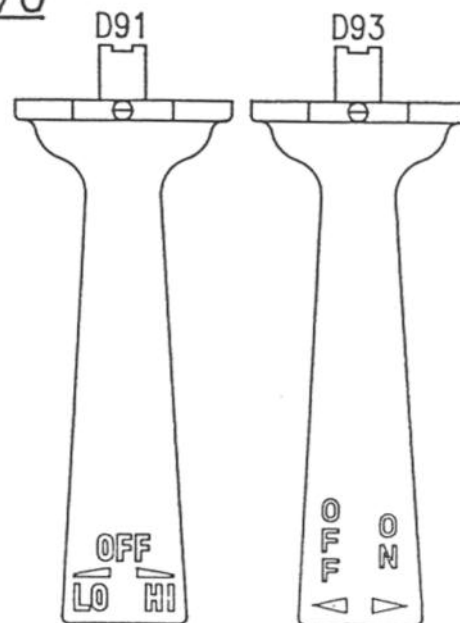


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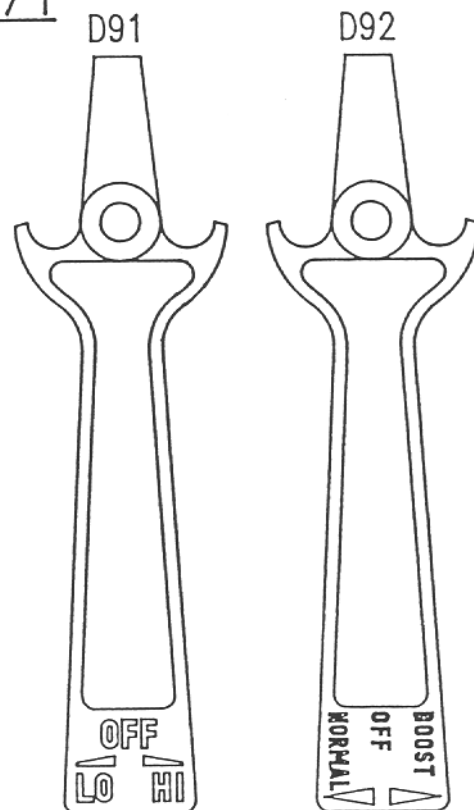


LEVER

70



71



Switches

ROCKER SWITCHES MARKINGS AND LEGENDS

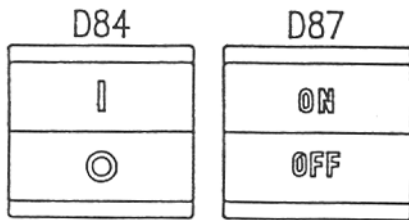
L18

VEE

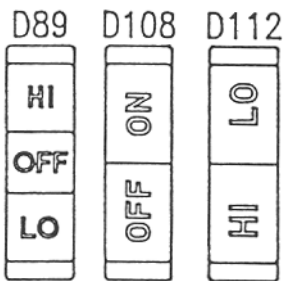
FLAT

SCALLOP

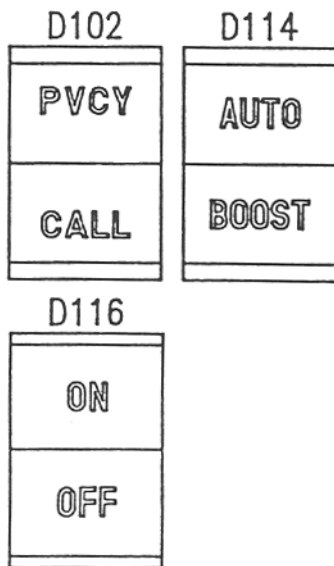
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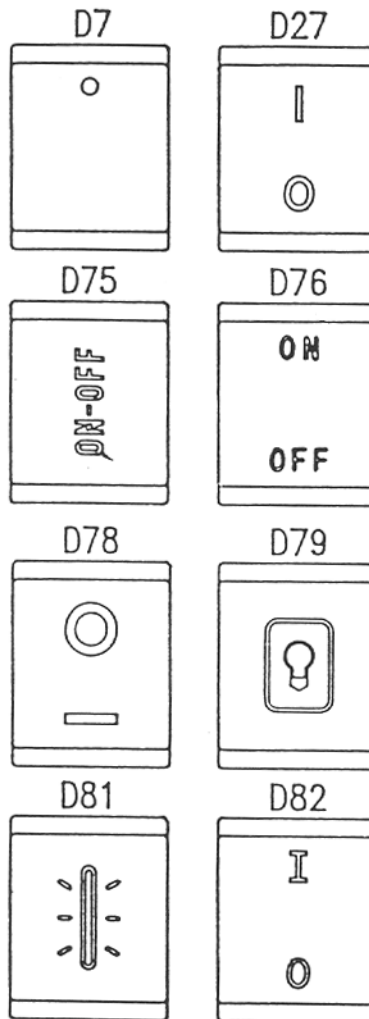
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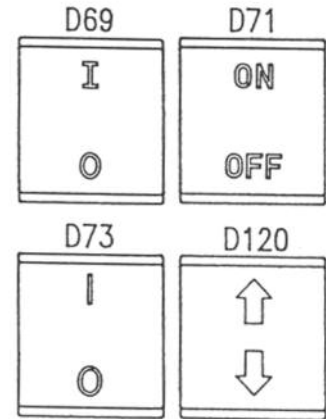
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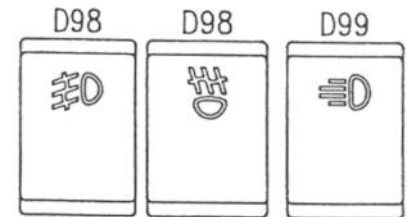
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51



81



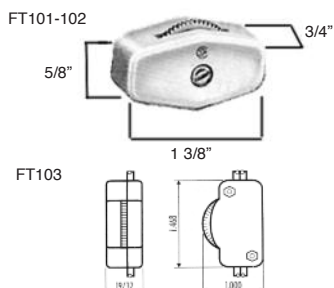
DRESS RING



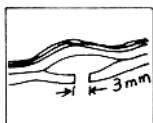
IN-LINE FEED-THRU
SWITCHES

FT101/102/103 Single Pole ON/OFF In-Line Feed-Thru Switches

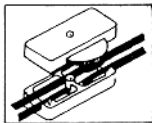
L19



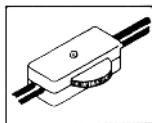
Split cord, cut Non-identified conductor 3mm only



Place cord in half with outwheel. Press halves together, note that points pierce insulation to make contact with copper inside cut cord



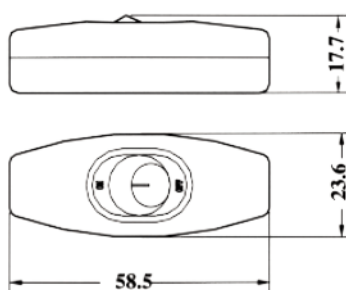
Replace nut into switch and tighten screw until secure



- Mini Feed-Thru switch in molded plastic housing
- Wheel has serrated outer edge for easy action
- Spring brass contacts with insulation piercing terminals, no stripping of conductors required
- Pins make contact automatically
- Ideal for small appliances and lamps
- Ratings: 3A 250VAC / 6A 125VAC
- UR Recognized and CSA Approved
- Also available unassembled. Add suffix -UN to part number, eg: FT101-WH-UN
- Instructions for Use:
 - Split cord, cut Non-Identified conductor 3 mm only.
 - Place cord in half of switch without wheel. Press halves together. Note that points pierce insulation to make contact with copper inside cut cord.
 - Replace nut into switch and tighten screw until secure.

POLES/THROW	CIRCUIT ARRANGEMENT	FOR WIRE SIZE	COLOUR		
			BLACK	WHITE	BROWN
SPST	ON OFF	SPT-1 18/2	FT101-BL	FT101-WH	FT101-BR
SPST	ON OFF	SPT-2 18/2	FT102-BL	FT102-WH	FT102-BR
SPST	LOW HIGH OFF	SPT-1 18/2	FT103-BL	FT103-WH	

FT104/ FT105 Euro Style Rocker Feed-Thru Switches

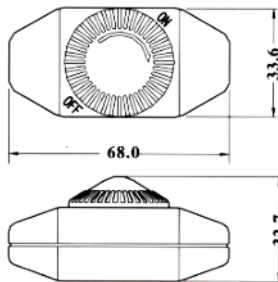


- Sleek Euro styling to improve from old design switches.
- Reliable, rugged, double insulated all plastic switch.
- Spring brass contacts with insulation piercing terminals, no stripping of the conductors required.
- Pins make contact automatically as screws are tightened.
- Rated at 3A-120VAC.
- cUL and UL approved.

POLES/THROW	CIRCUIT ARRANGEMENT	FOR WIRE SIZE	COLOUR	
			BLACK	WHITE
SPST	ON-OFF	SPT-1 18/2	FT104-BL	FT104-WH
SPST	ON-OFF	SPT-2 18/2	FT105-BL	FT105-WH

L20

FT106 Full Range Rotary Feed-Thru Dimmer Switch

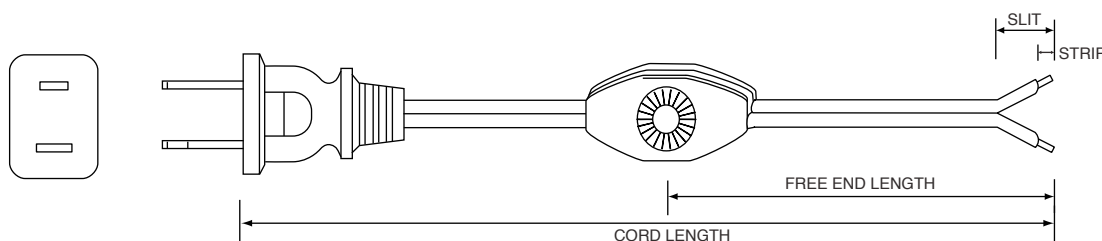


- Full range rotary dimmer with On-Off switch.
- Reliable, rugged, double insulated plastic housing.
- For SPT-2 18/2 wire, this product must be ordered assembled on a cord, please specify colour, length of cord, position of switch from free end, slit and strip lengths for free end.
- Cord has 1-15P polarized plug on the one end.
- Rated 200W - 120VAC
- cUL and UL approved.

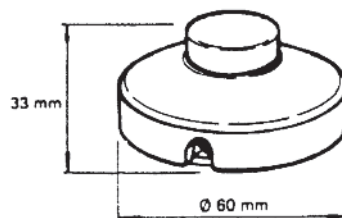
POLES / THROW	CIRCUIT ARRANGEMENT	WIRE SIZE	COLOUR	
			BLACK	WHITE
SPST	ON-OFF	SPT-2 18/2	FT106-BL	FT106-WH

ORDERING INSTRUCTIONS

CORD LENGTH/ COLOUR FROM FREE END	POSITION OF SWITCH FROM FREE END	SLIT LENGTH	STRIP LENGTH	CORD PREP
--------------------------------------	-------------------------------------	-------------	--------------	-----------



FT-555 In-Line Push ON/OFF Foot Switch



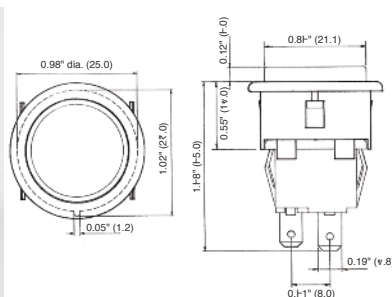
- Rugged, stylish all plastic foot switch
- Push On – Push Off operation
- For use on SPT-1 or SPT-2 18/2 or 16/2 AWG wire
- Screw terminal for easy wiring
- Ratings: 3A 125VAC / 3A 125 VT
- UR Recognized and CSA Approved

POLES / THROW	CIRCUIT ARRANGEMENT	WIRE SIZE	COLOUR	
			BLACK	WHITE
SPST	ON-OFF	SPT-1 18/2 or 16/2 SPT-2 18/2 or 16/2	FT555-BL	FT555-WH

PUSH BUTTON
SWITCHES

L21

PB33 Series Splash-Proof Push Button Switches



- Reliable, rugged, double insulated all plastic switch
- Features a double hull design which assures that any splashed water cannot get into the inner switch chamber, providing effective protection against dust and splashing water
- Robust construction provides a load capacity of up to 750N.
- Can be used as a foot operated switch for appliances such as vacuum cleaners.
- Euro Styled design enhances the look of any product
- Snap-in front mount in single pole, single or double throw
- Available in many circuits, terminations and markings
- Ratings up to: 16A 125AC / 8A 250VAC 1/2HP With slow make/slow break contact mechanism
- UL Recognized and CSA Approved
- International approvals available upon request
- Markings are available, please see legend section and add suffix for legend and colour.

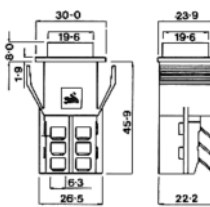
Button Styles	Panel Cut Out	Terminations
 Low Profile Round	 Thickness(mm) 0.028"-0.098" (0.7 - 2.5) Cut-out size(mm) ø0.98"±0.4" (25.0±1.0)	

To order simply fill in the boxes

PB33

ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
A-SPST ON-OFF	1-BLACK GLOSS	A-LENS	B-BLACK OPAQUE	1-120V ILLUM.	0-16A 125V/8A 250VAC	6- .187" X .032" MALE TABS
B-SPST ON-OFF ILLUM.	5-WHITE GLOSS	Q-ROUND	C-RED TRANSPARENT	2-24/28V ILLUM.	9-10(A) 250VAC	8-SOLDER LUG
I-DPST ON-OFF		R-AUTO ROUND	D-AMBER TRANSPARENT	3-12V ILLUM.		9-PC SOLDER PINS
J-DPST ON-OFF ILLUM.			G-GREEN TRANSPARENT	7-240 ILLUM.		
Q-INDICATOR LIGHT			I-WHITE OPAQUE	0-STANDARD NON-ILLUM.		
			Q-RED OPAQUE			

PB80 Series Push Button Switches



- Reliable, rugged, double insulated all plastic switch
- Compact design for use where space is at a premium
- Snap-in front mount in single pole, single or double throw
- Available in many circuits, terminations and markings
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Ratings: 12A 125VAC / 6A 250VAC With slow make/slow break contact mechanism
- UL Recognized and CSA Approved
- International approvals available upon request

Button Styles	Panel Cut Out	Terminations
 Flat	 Thickness(mm) 0.028"-0.098" (0.7 - 2.5) Cut-out size(mm) 1.08"±0.4" (27.5±1.0)	

To order simply fill in the boxes

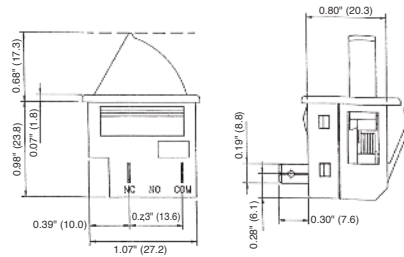
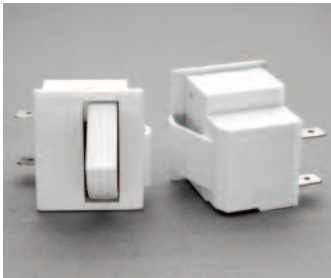
PB80

ACTION CODE	BODY CODE	BUTTON STYLE	BUTTON COLOUR	LAMP CODING	ELECTRICAL RATINGS	TERMINAL OPTIONS
A-SPST ON-OFF	1-BLACK GLOSS	K-FLAT (PLAIN)	B-BLACK OPAQUE	1-120V ILLUM.	1-12A 125V/ 6A 250VAC	5- .250" X .032" MALE TABS
B-SPST ON-OFF ILLUM.	5-WHITE GLOSS		C-RED TRANSPARENT	2-24/28V ILLUM.		
C-SPST (ON)-OFF			D-AMBER TRANSPARENT	3-12V ILLUM.		
D-SPDT ON-ON			G-GREEN TRANSPARENT	7-240 ILLUM.		
J-DPST ON-OFF ILLUM.			I-WHITE OPAQUE	0-STANDARD NON-ILLUM.		
K-DPDT (ON)-OFF			K-ARCTIC GREY			
L-DPDT ON-OFF			Q-RED OPAQUE			
Q-INDICATOR LIGHT						

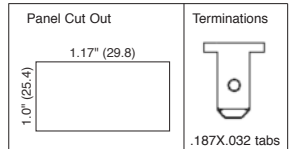
PUSH BUTTON SWITCHES

L22

PB60 Series Fridge Push Button Switch

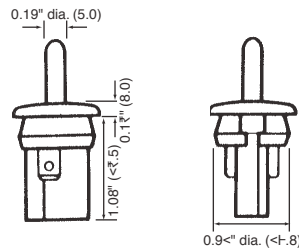
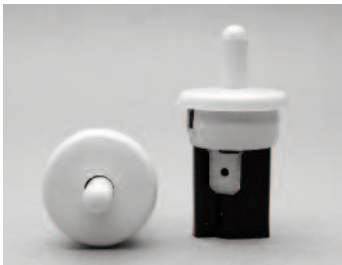


- Reliable, rugged switch used in refrigerator door applications
- Snap fit into 25.4 mm x 12.1 mm hole
- Base Material: White Thermoplastic
- Push button: white thermoplastic
- Ratings: 2.5A 240VAC / 5A 120VAC
- cULus Recognized
- Both types require 3 mm minimum button stroke to ensure proper switch action

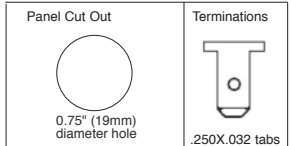


PART NO.	POLES/THROW	CIRCUIT ARRANGEMENT	COLOUR	RATINGS NORMAL: OFF
PB60A	SPST	OPEN - ON CLOSED - OFF	WHITE	8A 125VAC 4A 240VAC
PB60B	SPDT	OPEN - ON CLOSED - OFF	WHITE	
PB60C	SPST	OPEN - OFF CLOSED - ON	WHITE	

PB61 Series Fridge Push Button Switch

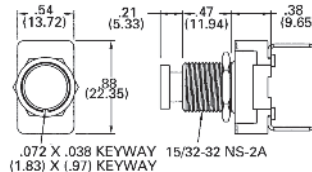
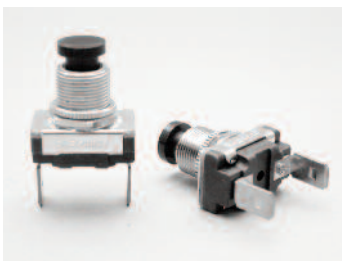


- Reliable, rugged switch used in refrigerator door applications
- Snap fit into 19 mm hole
- Base Material: White Thermoplastic
- Push Button: White Thermoplastic
- Ratings: 0.25A 240VAC / 0.5A 120VAC
- UL Recognized and CSA Certified

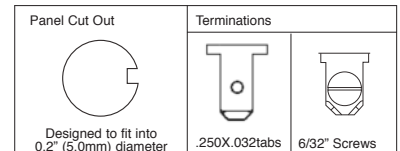


POLES/THROW	CIRCUIT ARRANGEMENT	COLOUR	RATINGS NORMAL: OFF
PB61-A	DOOR OPEN - ON DOOR CLOSED - OFF	WHITE	0.25A 250VAC 0.5A 125VAC

PB18650 Push Button Switch



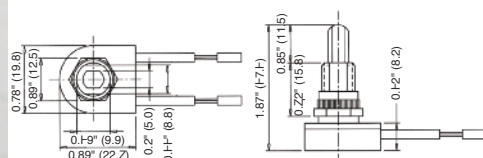
- Rugged heavy duty push button switch used in horn or test button applications
- Mounts into a 0.500" diameter hole with or without keyway
- Frame is steel with zinc chromate plating
- Case is Black nylon
- Terminals are Brass
- UL and CSA Approved



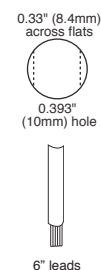
POLES/THROW	CIRCUIT ARRANGEMENT	BUTTON COLOUR ADD SUFFIX	RATINGS NORMAL: OFF	TERMINATIONS	
				.250" X .032" MALE TABS	6/32" SCREWS
SPST	NORMALLY ON, MOMENTARY CONTACT	BL-BLACK	3A 250VAC	PB18651C	PB18671C
SPST	NORMALLY OFF, MOMENTARY CONTACT	WH-WHITE	6A 125VAC	PB18650O	PB18670O
		RD-RED	1.5A 277V 3A 120VAC		

PUSH BUTTON SWITCHES

PB107 Series Single Circuit On-Off Push Button Switches



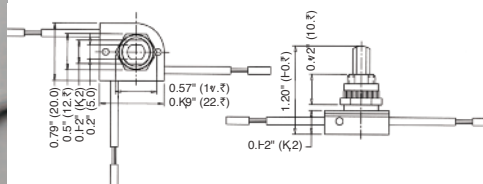
- Compact, reliable, rugged switch suitable for most industrial applications
- Dielectric Strength: 1,000V Meg (Minimum)
- Insulation Resistance: 100 Meg Ohms
- Base Material: Black Phenolic
- Ratings: 3A 250VAC / 6A 120VAC
- UR Recognized and CSA Approved
- Switches must be installed with a hex nut behind panel to prevent damage during installation.



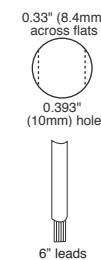
L23

POLES/THROW	CIRCUIT ARRANGEMENT	NIPPLE MATERIAL	NIPPLE LENGTH	RATINGS	PUSH BUTTON MATERIAL	ITEM NUMBER	COLOUR ADD SUFFIX
SPST	ON-OFF	POLYCARBONATE	3/8"	3A 250VAC	POLYCARBONATE	PB107-X	B-BRASS
SPST	ON-OFF	POLYCARBONATE	5/8"	6A 125VAC	BRASS	PB107-1X	N-NICKEL
SPST	ON-OFF	BRASS	7/16"	6A 125VL	BRASS	PB107-2M	
SPST	ON-OFF	BRASS	1-1/8"	1A 125VT	BRASS	PB107-3M	
SPST	ON-OFF	BRASS	5/8"	6A 125VAC	BRASS	PB107-1M	

PB117 Series Two Circuit Four Position Push Button Switches

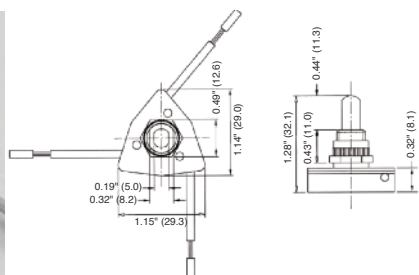


- Compact, reliable, rugged switch suitable for most industrial applications
- Dielectric Strength: 1,000V Meg (Minimum)
- Insulation Resistance: 100 Meg Ohms
- Base Material: Black Phenolic
- Ratings: 3A 250VAC / 6A 120VAC
- UR Recognized and CSA Approved
- Switches must be installed with a hex nut behind panel to prevent damage during installation.

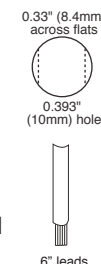


POLES/THROW	CIRCUIT ARRANGEMENT	NIPPLE MATERIAL	NIPPLE LENGTH	RATINGS	PUSH BUTTON MATERIAL	ITEM NUMBER	COLOUR ADD SUFFIX
SPST	L1-L2-L1+L2-OFF	POLYCARBONATE	3/8"	3A 250VAC	POLYCARBONATE	PB117-X	
SPST	L1-L2-L1+L2-OFF	POLYCARBONATE	5/8"	6A 125VAC	BRASS	PB117-1X	B-BRASS
SPST	L1-L2-L1+L2-OFF	BRASS	7/16"	6A 125VL	BRASS	PB117-2M	N-NICKEL
SPST	L1-L2-L1+L2-OFF	BRASS	1-1/8"	1A 125VT	BRASS	PB117-3M	
SPST	L1-L2-L1+L2-OFF	BRASS	5/8"	6A 125VAC	BRASS	PB117-1M	

PB157 Series Two Circuit Three Position Push Button Switches



- Compact, reliable, rugged switch suitable for most industrial applications
- Dielectric Strength: 1,000V Meg (Minimum)
- Insulation Resistance: 100 Meg Ohms
- Base Material: Black Phenolic
- Ratings: 3A 250VAC / 6A 120VAC
- UR Recognized and CSA Approved
- Switches must be installed with a hex nut behind panel to prevent damage during installation.



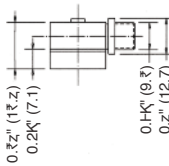
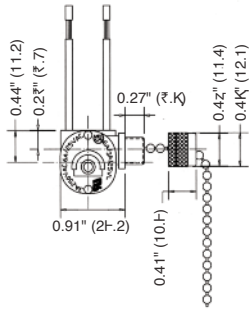
POLES/THROW	CIRCUIT ARRANGEMENT	NIPPLE MATERIAL	NIPPLE LENGTH	RATINGS	PUSH BUTTON MATERIAL	ITEM NUMBER	COLOUR ADD SUFFIX
SPST	L1-L2-OFF	POLYCARBONATE	3/8"	3A 250VAC	POLYCARBONATE	PB157-X	B-BRASS
SPST	L1-L2-OFF	BRASS	5/8"	6A 125VAC	BRASS	PB157-1M	N-NICKEL
SPST	HI-LO-OFF W/ DIODE	BRASS	5/8"	6A 125VL	BRASS	PB157-1-DM	
				1A 125VT			

Switches

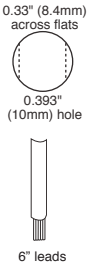
PULL CHAIN
SWITCHES

L24

PC109 Series Single Circuit Pull Chain Switches

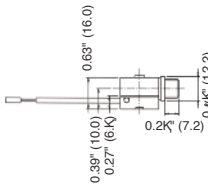
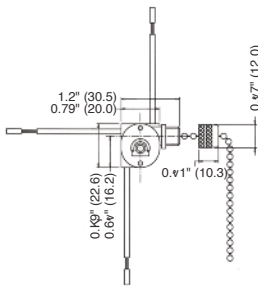


- Compact, reliable, rugged switch suitable for most industrial applications
- Dielectric Strength: 1,000V Meg (Minimum)
- Insulation Resistance: 100 Meg Ohms
- Base Material: Black Phenolic
- Ratings: 3A 250VAC / 6A 120VAC
- UR Recognized and CSA Approved
- Switches must be installed with a hex nut behind panel to prevent damage during installation. Can be supplied with a 36" pull cord, order part number PC36.

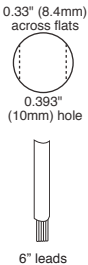


POLES/THROW	CIRCUIT ARRANGEMENT	NIPPLE MATERIAL	NIPPLE LENGTH	PULL CHAIN LENGTH	RATINGS	ITEM NUMBER	COLOUR ADD SUFFIX
SPST	ON-OFF	POLYCARBONATE	19/64"	2-1/2"	3A 250VAC	PC109	B-BRASS
SPST	ON-OFF	POLYCARBONATE	3/8"	2-1/2"	6A 125VAC	PC109-1	N-NICKEL
					6A 125VL		
					1A 125VT		

PC110 Series Two Circuit Four Position Pull Chain Switches



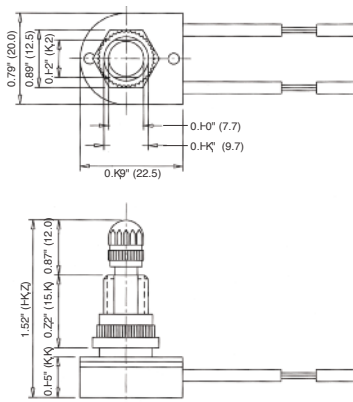
- Compact, reliable, rugged switch suitable for most industrial applications
- Dielectric Strength: 1,000V Meg (Minimum)
- Insulation Resistance: 100 Meg Ohms
- Base Material: Black Phenolic
- Ratings: 3A 250VAC / 6A 120VAC
- UR Recognized and CSA Approved
- Switches must be installed with a hex nut behind panel to prevent damage during installation. Can be supplied with a 36" pull cord, order part number PC36.



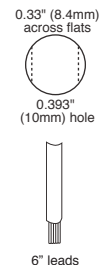
POLES/THROW	CIRCUIT ARRANGEMENT	NIPPLE MATERIAL	NIPPLE LENGTH	RATINGS	ITEM NUMBER	COLOUR ADD SUFFIX
SPST	L1-L2-L1+L2-OFF	POLYCARBONATE	19/64"	3A 250VAC	PC110	B-BRASS
SPST	L1-L2-L1+L2-OFF	POLYCARBONATE	3/8"	6A 125VAC	PC110-1	N-NICKEL
				6A 125VL		
				1A 125VT		

ROTARY SWITCHES

RS106 Series Single Circuit On-Off Rotary Switches



- Compact, reliable, rugged switch suitable for most industrial applications
- Dielectric Strength: 1,000V Meg (Minimum)
- Insulation Resistance: 100 Meg Ohms
- Base Material: Black Phenolic
- Ratings: 3A 250VAC / 6A 120VAC
- UR Recognized and CSA Approved
- Switches must be installed with a hex nut behind panel to prevent damage during installation.

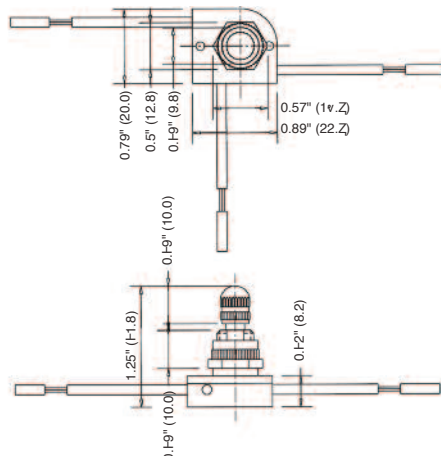


L25

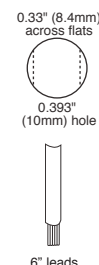
Switches

POLES/THROW	CIRCUIT ARRANGEMENT	NIPPLE MATERIAL	NIPPLE LENGTH	RATINGS	ITEM NUMBER	COLOUR ADD SUFFIX
SPST	ON-OFF	POLYCARBONATE	3/8"	6A 125VAC	RS106-B	B-BRASS
SPST	ON-OFF	POLYCARBONATE	3/8"	6A 125VAC	RS106-N	N-NICKEL
SPST	ON-OFF	BRASS	5/8"	6A 125VAC	RS106-1-MB	
SPST	ON-OFF	NICKEL	5/8"	6A 125VAC	RS106-1-MN	

RS116 Series Two Circuit Four Position Rotary Switches



- Compact, reliable, rugged switch suitable for most industrial applications
- Dielectric Strength: 1,000V Meg (Minimum)
- Insulation Resistance: 100 Meg Ohms
- Base Material: Black Phenolic
- Ratings: 3A 250VAC / 6A 120VAC
- UR Recognized and CSA Approved
- Switches must be installed with a hex nut behind panel to prevent damage during installation.

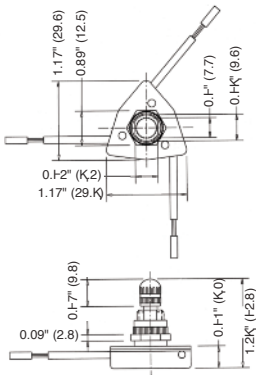


POLES/THROW	CIRCUIT ARRANGEMENT	NIPPLE MATERIAL	NIPPLE LENGTH	RATINGS	ITEM NUMBER	COLOUR ADD SUFFIX
SPST	L1-L2-L1+L2-OFF	POLYCARBONATE	5/8"	6A 125VAC	RS116-1-B	B-BRASS
SPST	L1-L2-L1+L2-OFF	POLYCARBONATE	5/8"	6A 125VAC	RS116-1-N	N-NICKEL
SPST	L1-L2-L1+L2-OFF	BRASS	3/8"	6A 125VAC	RS116-MB	B-BRASS
SPST	L1-L2-L1+L2-OFF	BRASS	5/8"	6A 125VAC	RS116-1-MB	B-BRASS
SPST	L1-L2-L1+L2-OFF	NICKEL	3/8"	6A 125VAC	RS116-MN	N-NICKEL
SPST	L1-L2-L1+L2-OFF	NICKEL	5/8"	6A 125VAC	RS116-1-MN	N-NICKEL

Switches

L26

RS156 Series Two Circuit Three Position Rotary Switches



- Compact, reliable, rugged switch suitable for most industrial applications
- Dielectric Strength: 1,000V Meg (Minimum)
- Insulation Resistance: 100 Meg Ohms
- Base Material: Black Phenolic
- Ratings: 3A 250VAC / 6A 120VAC
- UR Recognized and CSA Approved
- Switches must be installed with a hex nut behind panel to prevent damage during installation.

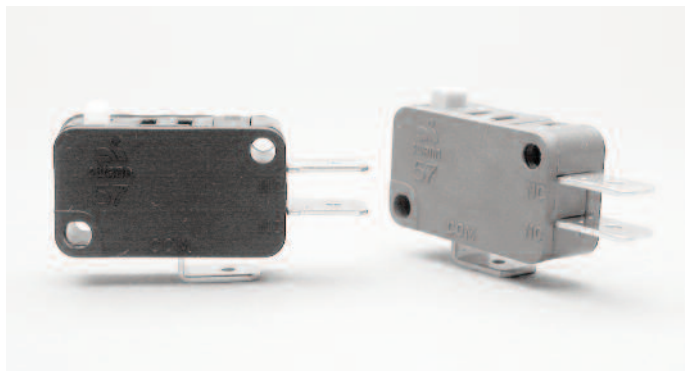


POLES/THROW	CIRCUIT ARRANGEMENT	NIPPLE MATERIAL	NIPPLE LENGTH	RATINGS	ITEM NUMBER	COLOUR ADD SUFFIX
SPST	L1-L2-OFF	POLYCARBONATE	3/8"	6A 125VAC	RS156-B	B-BRASS
SPST	L1-L2-OFF	POLYCARBONATE	3/8"	6A 125VAC	RS156-N	N-NICKEL
SPST	L1-L2-OFF	BRASS	3/8"	6A 125VAC	RS156-MB	B-BRASS
SPST	HI-LO-OFF W/ DIODE	BRASS	3/8"	6A 125VAC	RS156-D-MB	B-BRASS
SPST	HI-LO-OFF W/ DIODE	POLYCARBONATE	3/8"	6A 125VAC	RS156-D-B	B-BRASS

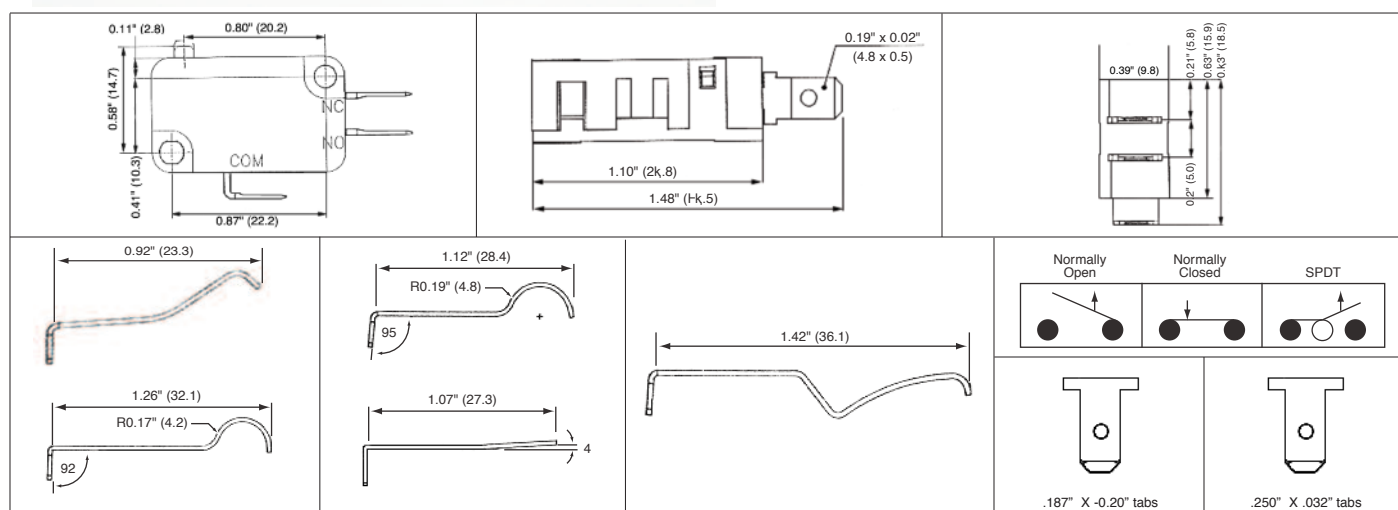
MINIATURE SNAP ACTION SWITCHES

SA57 Series Miniature Snap Action Switches

L27

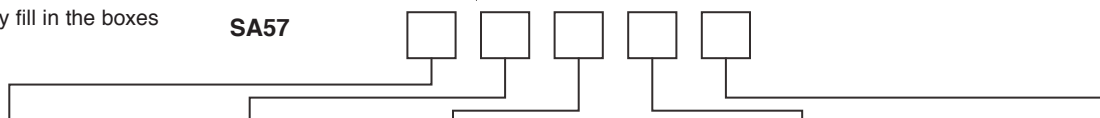


- Widely used standard miniature micro switches
- Compact design for use where space is at a premium
- Single pole, single throw or double throw
- Available in standard and light force mechanisms
- Available in many actuator styles and two terminal styles
- Rugged thermoset body with slotted holes for mounting
- Many special forms and lengths of actuators are available
- Ratings: 15A 125VAC / 7.5A 250 VAC
- M10(3)A VDE
- 15A 250VAC SECV
- UL Recognized and CSA approved
- International approvals available upon request



To order simply fill in the boxes

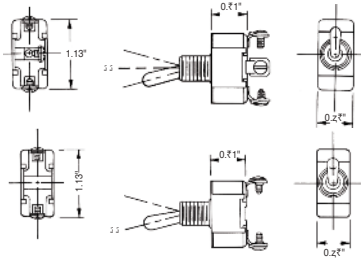
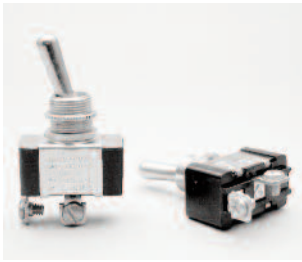
SA57



ACTION CODE	BODY COLOUR	OPERATING FORCE	LEVER TYPE	TERMINAL OPTIONS
0-SPST NORMALLY OPEN	B-BROWN (STANDARD)	0-STANDARD	00-PIN LUNGER, NO LEVER	3- .187" X .020" MALE TABS
1-SPST NORMALLY CLOSED	L-BLACK	1-LIGHT	03-STRAIGHT 45.6 MM	5- .250 X .032" MALE TABS
2-SPDT			05-STRAIGHT 27.7 MM	
			06-STRAIGHT 20.5 MM	
			12-STRAIGHT 60.3 MM	
			13-BENT LEVER 50.0 MM	
			32-SIMULATED ROLLER 32.1 MM R4.2 MM	
			34-BENT LEVER 36.1 MM LONG	
			35-STRAIGHT 27.7 MM	
			41-STRAIGHT 25.0 MM	
			43-BENT LEVER 23.3 MM	
			45-SIMULATED ROLLER 28.4 MM R4.8 MM	

L28

T7 Series Single Pole Heavy Duty Toggle Switches



- Reliable, rugged switch suitable most industrial applications
- Rated to 20A in single pole, with slow make/slow break contacts
- Available in many circuits, terminations,

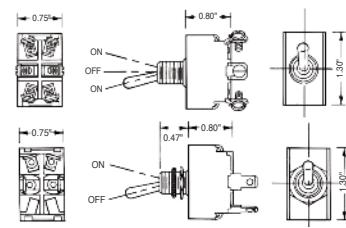
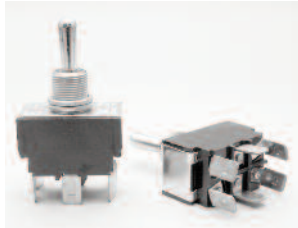
- bushing and toggle variations
- Dielectric Strength: 1,000V (minimum)
- Insulation Resistance: 100 Meg Ohms
- Base Material: Black Phenolic
- Acutator/Bushing Material: steel, zinc chromate plated
- Ratings: 10A 277VAC / 20A 125VAC / 3/4HP 125-250VAC
- UL Recognized and CSA Approved
- For different toggle types, lengths, bushings and additional hardware, consult the factory.
- To order with an integral O-Ring for moisture and dust resistance, change the fourth character from 9 to 7.
Example: T719652 becomes T717652.
- Also available in 21 Amp 14DVC rating, consult the factory.



POLES/THROW	CIRCUIT ARRANGEMENT			MALE TAB .250" X .032"	6/32" SCREWS	PC SOLDER	MALE TAB 0.187 X 0.032	SOLDER LUG
	A	B	C					
SPST	ON	NONE	OFF	T719652	T719672	T719692	T719662	T719682
SPST	(ON)	NONE	OFF	T719652O	T719672O	T719692O	T719662O	T719682O
SPST	ON	NONE	(OFF)	T719652C	T719672C	T719692C	T719662C	T719682C
SPDT	ON	NONE	ON	T729652	T729672	T729692	T729662	T729682
SPDT	ON	NONE	(ON)	T729652U	T729672U	T729692U	T729662U	T729682U
SPDT	ON	OFF	ON	T739652	T739672	T739692	T739662	T739682
SPDT	(ON)	OFF	ON	T739652L	T739672L	T739692L	T739662L	T739682L
SPDT	(ON)	OFF	(ON)	T739652M	T739672M	T739692M	T739662M	T739682M

() DENOTES MOMENTARY ACTION

T8 Series Heavy Duty Toggle Switches



- Reliable, rugged switch suitable for most industrial applications
- Rated to 20A in single pole, with slow make/slow break contacts
- Available in many circuits, terminations, bushing and toggle variations
- Dielectric Strength: 1,000V (minimum)

- Insulation Resistance: 100 Meg Ohms
- Base Material: Black Phenolic
- Acutator/Bushing Material: steel, zinc chromate plated
- Ratings: 10A 250VAC / 20A 125VAC / 1-1/2HP 125/250VAC
- UL Recognized and CSA Approved
- For different toggle types, lengths, bushings and additional hardware, consult the factory. All plastic construction switches are available.
- To order with an integral O-Ring for moisture and dust resistance, change the fourth character from 9 to 7
Example: T819652 becomes T817652.
- Also available in 21 Amp 14DVC rating, consult the factory.



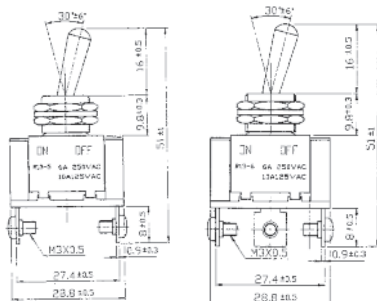
POLES/THROW	CIRCUIT ARRANGEMENT			MALE TAB .250" X .032"	6/32" SCREWS	PC SOLDER	MALE TAB .187" X .032"	SOLDER LUG
	A	B	C					
DPST	ON	NONE	OFF	T819652	T819672	T819692	T819662	T819682
DPST	(ON)	NONE	OFF	T819652O	T819672O	T819692O	T819662O	T819682O
DPST	ON	NONE	(OFF)	T819652C	T819672C	T819692C	T819662C	T819682C
DPDT	ON	NONE	ON	T829652	T829672	T829692	T829662	T829682
DPDT	ON	NONE	(ON)	T829652U	T829672U	T829692U	T829662U	T829682U
DPDT	ON	OFF	ON	T839652	T839672	T839692	T839662	T839682
DPDT	(ON)	OFF	ON	T839652L	T839672L	T839692L	T839662L	T839682L
DPDT	(ON)	OFF	(ON)	T839652M	T839672M	T839692M	T839662M	T839682M

() DENOTES MOMENTARY ACTION

TOGGLE SWITCHES

L29

T13 Series Single Pole Standard Duty Toggle Switches

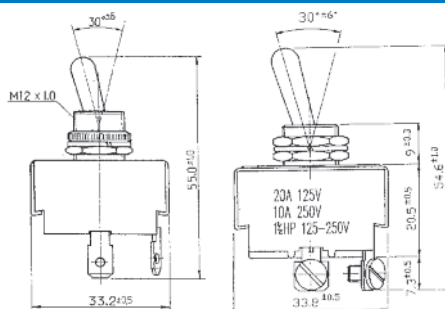
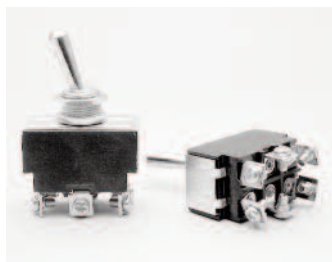


- Reliable, rugged switch suitable for most industrial applications
- Rated to 10A 125VAC / 6A 250VAC in single pole, with slow make/slow break contacts
- Metal toggle bat is standard
- Comes with two mounting nuts and a marker plate
- Available in many circuits, terminations, bushing and toggle variations
- UR Recognized and CSA Approved

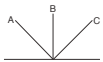


POLES/THROW	CIRCUIT ARRANGEMENT			MALE TAB .250" X .032"	6/32" SCREWS	SOLDER LUG
	A	B	C			
SPST	ON	NONE	OFF	T135-QC	T135-SC	T135-SO
SPDT	ON	NONE	ON	T136-QC	T136-SC	T136-SO
SPDT	ON	OFF	ON	T137-QC	T137-SC	T137-SO

T28 Series Standard Duty Toggle Switches

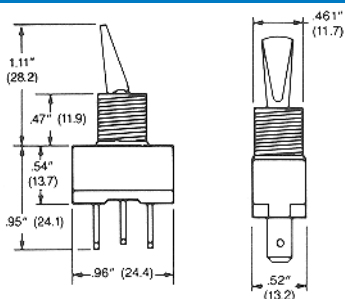


- Reliable, rugged switch suitable for most industrial applications with slow make/slow break contacts
- Mounts into 1/2" hole in panel
- Available in many circuits, terminations, bushing and toggle variations
- Ratings: 15A 125VAC / 10A 250VAC / 16HP 125-250V
- UR Recognized and CSA Approved



POLES/THROW	CIRCUIT ARRANGEMENT			MALE TAB .250" X .032"	6/32" SCREWS	SOLDER LUG
	A	B	C			
SPST	ON	NONE	OFF	T28A-QC	T28A-SC	T28A-SO
DPST	ON	NONE	OFF	T28B-QC	T28B-SC	T28B-SO
SPDT	ON	NONE	ON	T28C-QC	T28C-SC	T28C-SO
SPDT	ON	OFF	ON	T28D-QC	T28D-SC	T28D-SO
DPDT	ON	OFF	ON	T28E-QC	T28E-SC	T28E-SO
DPDT	ON	NONE	ON	T28F-QC	T28F-SC	T28F-SO

L30

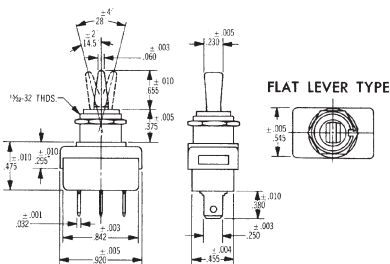


- Reliable, rugged switch suitable for most industrial applications
- Front mount into 0.500" hole in panel
- Available in many circuits, terminations, bushings and toggle variations

- UR Recognized and CSA Approved
- For SPST 2 Position:
UL 6A 125/250VAC / 6A 28VAC / 15A 125VAC / 7.5A 250VAC / 3A 120V
CSA 6A 125/250VAC / 15A 125VAC / 8A 250VAC
- For SPDT 3 Position:
UL 6A 250VAC / 12A 125VAC
CSA 6A 250VAC / 12A 125VAC
- Switches are also available in 6A 14VT and 6A 28VAC ratings. Metal bats are available instead of plastic. Different colours and other styles are available as well.

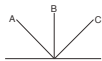


POLES/THROW	CIRCUIT ARRANGEMENT			RATINGS - VAC		MALE TAB .250" X .032"	8/32" SCREWS	WIRE LEADS 6" TEW 105 C	SOLDER LUG
	A	B	C	125	250				
SPST	ON	NONE	OFF	15A	7.5A	T475-A5	T475-A4	T475-A7	T475-A3
SPDT	ON	NONE	ON	15A	7.5A	T475-B5	T475-B4	T475-B7	T475-B3
SPST	(ON)	NONE	OFF	15A	7.5A	T475-C5	T475-C4	T475-C7	T475-C3
SPDT	ON	OFF	ON	15A	7.5A	T475-D5	T475-D4	T475-D7	T475-D3
SPST ILLUM.	ON	NONE	OFF	15A	7.5A	T475-F5	T475-F4	T475-F7	T475-F3



- Reliable, rugged, all plastic construction helps lessen grounding and shorting problems, meets requirements of double insulation
- Available in many circuits and terminations
- One hole mounting into 0.500" diameter hole with keyway 0.071"W X 0.040"D

- Mechanical life in excess of 100,000 operations
- Base Material: Nylon
- Actuator Material: Thermoplastic
- Provided with two plated hex nuts, unassembled
- Ratings: see below, with slow make/slow break contact mechanism
- UR Recognized File No. E88833
- CSA Approved File No. 054216
- Available in bat lever or paddle style lever. To order bat lever style, append the suffix A to the part number; for paddle lever style, use suffix B. Example: T7536K23-A for bat lever and T7536K23-B for paddle lever.
- Other lever styles, colours, special wire lengths, terminations and markings are available upon request, consult the factory for details.

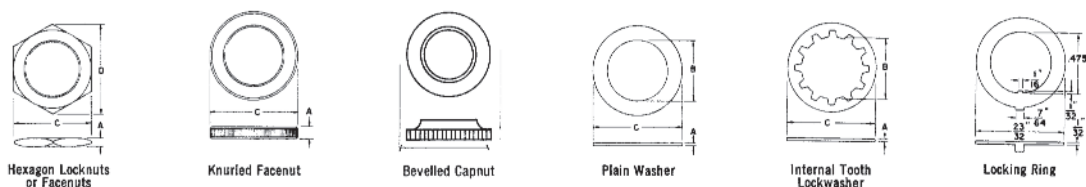


POLES/THROW	CIRCUIT ARRANGEMENT			RATINGS			MALE TAB .250" X .032"	WIRE LEADS	ACTUATOR TYPE	ACTUATOR CODE
	A	B	C	125 VAC	250 VAC	HP @ 125/250				
SPST	ON	NONE	OFF	10A	5A	1/2	T7536K23	T7536K25	BAT LEVER	A
SPDT	ON	NONE	ON	10A	5A	1/2	T7536K26	T7536K28	PADDLE LEVER	B
SPDT	ON	OFF	ON	10A	5A	1/2	T7536K20	T7536K22		
SPST	ON	NONE	OFF	15A	10A	1	T7537K23			
SPDT	ON	NONE	ON	15A	10A	1	T7537K26			
SPDT	ON	OFF	ON	15A	10A	1/2	T7537K20			
SPDT	ON	OFF	ON	10A	10A	1/2		T7537K22		
SPST	ON	NONE	OFF	10A	10A	1/2		T7537K25		
SPDT	ON	NONE	ON	10A	10A	1/2		T7537K28		
SPST	ON	NONE	OFF	6A	3A			T7536K29		

TOGGLE SWITCHES MOUNTING HARDWARE

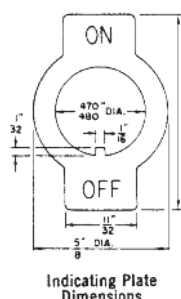
L31

Mounting Nuts, Washers and Locking Rings



ITEM NUMBER	SIZE	DESCRIPTION	MATERIAL	DIMENSIONS (INCHES)			
				THICKNESS A	INSIDE DIAMETER B	OD ACROSS FLATS C	ACROSS CORNERS D
MOUNTING NUTS							
15-192	5/32-32	HEXAGON LOCKNUT	ZINC CHROMATE TREATED	0.075	--	5/8	--
15-966-2	5/32-32	HEXAGON LOCKNUT	NICKEL PLATED BRASS	0.078	--	9/16	21/32
15-966-6	5/32-32	HEXAGON FACENUT	SEMI-LUSTRE NICKEL PLATED BRASS	0.078	--	9/16	21/32
15-124F1	5/32-32	HEXAGON FACENUT	BRIGHT NICKEL PLATED BRASS	0.066	--	9/16	--
15-124FS	5/32-32	KNURLED FACENUT	BLACK CUPRIC OXIDE PLATED BRASS	0.066	--	9/16	--
15-90	5/32-32	KNURLED FACENUT	NICKEL PLATED BRASS	7/64	--	5/8	--
15-1048-3	5/32-32	DECORATOR FACENUT, KNURLED	ANODIZED ALUMINUM, BLACK		7/16	5/8	
15-1048-7	5/32-32	DECORATOR FACENUT, KNURLED	ANODIZED ALUMINUM, CLEAR		7/16	5/8	
15-1049-3	5/32-32	DECORATOR FACENUT, BEVELLED	ANODIZED ALUMINUM, BLACK		7/16	5/8	
15-1049-7	5/32-32	DECORATOR FACENUT, BEVELLED	ANODIZED ALUMINUM, CLEAR		7/16	5/8	
MOUNTING WASHERS AND LOCKING RING							
16-1382	FOR	PLAIN WASHER	CADMIUM PLATED STEEL	1/32	31/64	3/4	--
16-886	15/32	INTERNAL TOOTH LOCKWASHER	CADMIUM PLATED STEEL	0.021	0.471	19/32	--
29-761	BUSHING	LOCKING RING	CADMIUM PLATED STEEL	0.040	0.475	23/32	--

Indicator Plates For 15/32" Bushing Type Switches



ITEM NUMBER	MARKING		MATERIAL	FINISH
	OPPOSITE KEYWAY	KEYWAY SIDE		
30-5632-4	ON	OFF	0.032" STEEL	BURNISHED NICKEL
30-5632-16	HI	LOW	0.032" STEEL	BURNISHED NICKEL
30-2899-2	FOR	REV	0.032" STEEL	BURNISHED NICKEL
30-5632-13	ON	OFF	0.032" STEEL	BURNISHED NICKEL

R71812 Rubber Boot for Toggle Switches



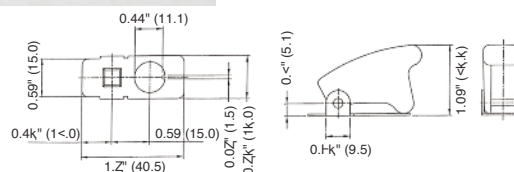
This silicon rubber boot, when used in place of the regular nut, will make any toggle switch completely moisture, dust and vapor proof.



Safety Cover for Metal Bat Toggle Switches

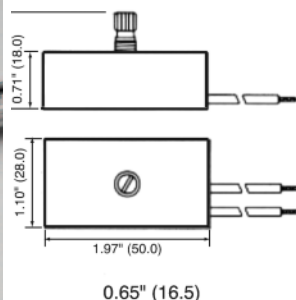


- Black steel face plate with red spring loaded switch cover.
- Simply add to existing or new toggle switches in between the hex and finishing nut.
- Strike the red cover to de-energize the circuit, lift the cover to turn switch back on.



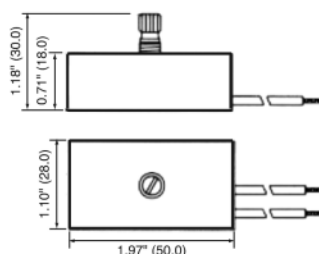
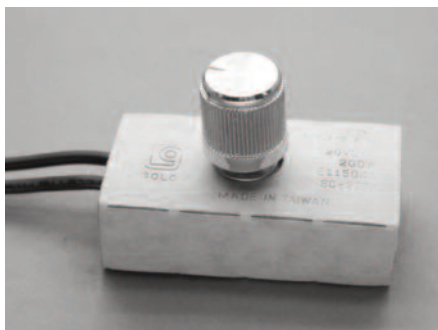
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DS-02 In-Line Pole Dimmer Switch



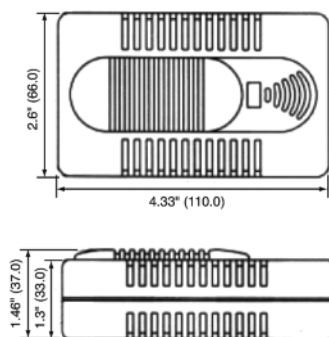
- Long narrow design allows the dimmer to fit in narrow spaces such as pole or slim profile bases.
- Controls the brightness of incandescent or quartz lamps.
- Positive On-Off switch at extreme counter-clockwise position.
- Reliable solid state circuitry for long life.
- Comes with hex nut, knurled nut and brass cap hardware.
- Supplied with SPT-1 wire leads on input and output sides.
- Rated 60W-500W at 120VAC.
- UR recognized.

DS-03 Full Range Dimmer Switch



- Small compact design allows the dimmer to fit in narrow spaces such as lamp bases or compact profile fixtures.
- Controls the brightness of incandescent lamps.
- Positive On-Off switch at extreme counter-clockwise position.
- Reliable solid state circuitry for long life.
- Comes with hex nut, knurled nut and brass cap hardware.
- Supplied with 4" 18 ga. AWN/TEW 105C leads
- UR recognized.

SC-233A Slide Floor Dimmer Switch with 1-15P Recetacle



- Rugged high strength all plastic housing with large easy to use slide control.
- Built in indicator lamp to help locate in the dark.
- Controls the brightness of incandescent lamps.
- Cord from lamp is simply inserted into the polarized receptacle.
- Reliable solid state circuitry for long life.
- Comes with its own 6.5' SPT-2 18/2 cord with polarized plug.
- Rated 600W max 120/240VAC.
- CSA approved.