

1 ROCKER SWITCHES

Midsize Illuminated and Non-Illuminated AC Only Rocker Switches — 3100/3200 Series

3100/3200 SERIES

The 3100 and 3200 series are stylish and durable rocker switch families that have numerous worldwide approvals. Various standard modifications include illuminated switches, dot illumination, paddle rockers, view rockers and high inrush options. New panel cutouts allow the 3100 and 3200 series to fit many standard switch applications. Numerous circuit options and bulb choices make this series a reliable switch for the appliance, office and medical equipment markets.

3101SB/3201SB

The 3101SB and 3201SB switch families are slight variations from the standard product line. The 3101SB and 3201SB enjoy numerous worldwide approvals while offering a durable and quality switching mechanism. The 3201SB provides space saving solutions by supplying the user a double pole switch in a single pole body. Matte finish and industry standard cutouts illustrate why this family is a practical solution when panel space is a premium.

SPECIFICATIONS:

Ratings:

See selection table.

Circuits:

1PST, 1PDT, 2PST, 2PDT.

Contact Mechanism:

Over center using a plunger and spring.

Contact Material:

Silver alloy.

Contact Resistance:

Less than 10 MΩ.

HOW TO ORDER — SINGLE POLE NON-ILLUMINATED AND ILLUMINATED

To determine your **Complete Catalog Number**, you must start with the appropriate **Base Circuit Number** and add the appropriate **Code Letters** and/or **Numbers** as in the example below:

Start with this Base Circuit Number	...add each appropriate Code Number or Letter...							...to get to your Complete Catalog Number
Base Circuit Catalog Number	Rocker Style	Lamp Voltage	Body Color	Rocker Color	View Color	Termination Type	Legend (optional)	Complete Catalog Number
3101	R-	1	1	—	—	E	A	3101R-11EA

SINGLE POLE NON-ILLUMINATED AND ILLUMINATED SELECTION TABLE

Rating ❶	Poles and Throw	Circuit with Rocker in			BASE CIRCUIT	CIRCUIT DIAGRAM SEE PAGE 4.28	CODE LETTERS AND NUMBERS — ADD TO BASE CIRCUIT NUMBER																																
		UP Position	CENTER Position	DOWN Position			Rocker Style	Lamp Voltage	Body Color	Rocker Color		View Color ❷		Termination Type		Legend ❸❹																							
		Style	Code	Voltage			Code	Color	Code	Color	Code	Color	Code	Type	Code	Type	Code																						
NON-ILLUMINATED																																							
16A, 125-250V ac High Inrush: 20A, 250V ac	1 P.S.T.	ON	NONE	OFF	3101	See Page 4.28	Standard ❶	P-	N/A	N/A	Black	1	Black	1	No View	❶	6.3mm Tab/.250" Quick Connect	E		A																			
		ON	NONE	ON	3102								White	2	Red						R																		
		ON*	NONE	OFF	3111 ❸								Red	3	Green						G																		
		ON*	NONE	ON	3112 ❸																																		
		ON	NONE	OFF*	3121 ❸																																		
		ON	OFF	ON	3122 ❸																																		
		ON*	OFF	ON	3132 ❸																																		
ON*	OFF	ON*	3142 ❸																																				
ILLUMINATED																																							
16A, 125-250V ac	1 P.S.T.	ON	NONE	OFF	3101	See Page 4.28	One Pole Base ❷	H	Amber	A-	125V ac	1	Black	1	N/A	N/A	N/A	N/A	E		D																		
																						Clear	C-	250V ac	2	N/A	N/A	N/A	N/A										
																														Green	G-	12V Filament	5	Black	1	N/A	N/A	N/A	N/A
																														Dot ❹	D-								

* Momentary contact.

❶ No code required.

❷ Available with 3101 only.

❸ View option not available with this circuit.

❹ To order the High Inrush option, place the letter H before the rocker style code. Examples: 3101HR-11EA or 3101HV-11REA.

❶ A, B, and C legends only available on two-position switches. D and E legends only available on three position switches.

❷ Legends not available on paddle style switches.

❸ Available in Red only.

❹ Illuminated Switches — UL Rating is 15A @ 250V ac.

Mechanical Life:

Standard Series
10,000 operations.

High Inrush Series
50,000 operations.

Insulation Resistance:

Greater than 100 MΩ.

Dielectric Withstand:

Greater than 3750V live parts to accessible parts.

Greater than 1250V between poles and contacts.

(Micro gap versions greater than 750V).

Termination Material:

Standard Series
Brass — Silver-plated.

High Inrush Series
Pivot Terminal — Brass, silver-plated.
End Terminal — Brass, silver-plated.

Lamp Life:

Neon, Red — 20,000 hours.

Green — 5,000 hours.

Filament — 10,000 hours.

Lamp Wattage:

Filament — 1 watt maximum.

Operating Temperature:

Standard Series
0°C to 125°C
(32°F to 257°F).

Illuminated Version
0°C to 85°C
(32°F to 180°F).

Approvals:

UL Recognized.

CSA Certified.

VDE.

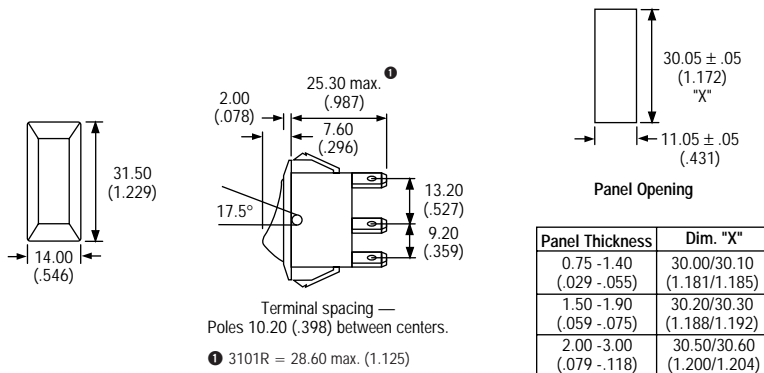
DEMKO.

SEMKO.



DIMENSIONS APPROXIMATE IN MM (INCHES)

3100 SERIES — SINGLE POLE



3101-11EA
Standard



3101R-11EA
Illuminated

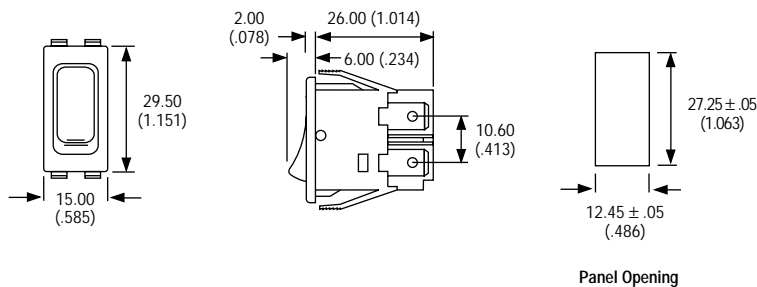


3101P-11E
Paddle



3101D-11E
Dot Illumination

3101SB SERIES



1 ROCKER SWITCHES



Midsize Illuminated and Non-Illuminated AC Only Rocker Switches — 3100/3200 Series (continued)

HOW TO ORDER — DOUBLE POLE NON-ILLUMINATED AND ILLUMINATED

To determine your **Complete Catalog Number**, you must start with the appropriate **Base Circuit Number** and add the appropriate **Code Letters** and/or **Numbers** as in the example below:

Start with this Base Circuit Number	...add each appropriate Code Number or Letter...							...to get your Complete Catalog Number
Base Circuit Catalog Number	Rocker Style	Lamp Voltage	Body Color	Rocker Color	View Color	Termination Type	Legend (optional)	Complete Catalog Number
3201	A-	1	1	—	—	E	A	3201A-11EA

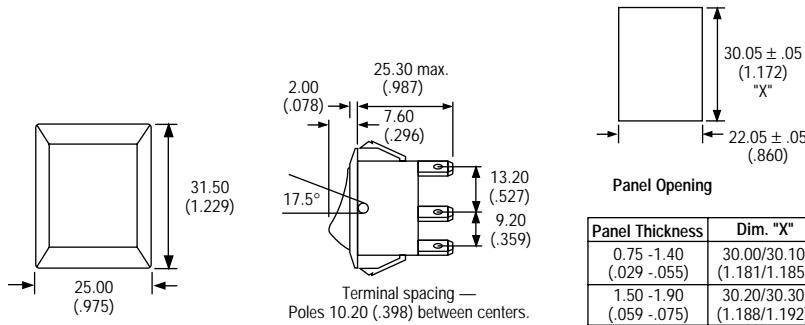
DOUBLE POLE NON-ILLUMINATED AND ILLUMINATED SELECTION TABLE

Rating	Poles and Throw	Circuit with Rocker in			BASE CIRCUIT	CIRCUIT DIAGRAM SEE PAGE 4.28	CODE LETTERS AND NUMBERS — ADD TO BASE CIRCUIT NUMBER														
		UP Position	CENTER Position	DOWN Position			Rocker Style	Lamp Voltage	Body Color	Rocker Color		View Color		Termination Type		Legend ⑤ (optional)					
		Style	Code	Voltage			Code	Color	Code	Color	Code	Color	Code	Type	Code	Type	Code				
NON-ILLUMINATED																					
16A, 125V ac 10A, 250V ac High Inrush: 20A, 250V ac	2 P.S.T.	ON	NONE	OFF	3201	See Page 4.28	Standard ① View Rocker One Pole Base ② High Inrush ④	A-	N/A	N/A	Black	1	Black	1	No View	①	6.3mm Tabs/.250" Quick Connect	E		A	
		ON	NONE	ON	3202								White	2	Red						R
		ON*	NONE	OFF	3211 ③								Red	3	Green						G
		ON*	NONE	ON	3212 ③																
		ON	NONE	OFF*	3221 ③																
		ON	OFF	ON	3222 ③																
		ON*	OFF	ON	3232 ③																
ON*	OFF	ON*	3242 ③																		
ILLUMINATED																					
16A, 125V ac 10A, 250V ac High Inrush: 20A, 250V ac	2 P.S.T.	ON	NONE	OFF	3201	See Page 4.28	Amber Clear Green Red Dot ⑥ High Inrush ④	A-	125V ac	1	Black	1	N/A	N/A	N/A	N/A	E		D		
								C-	250V ac	2											
								G-	12V Filament	5											
								R-	24V Filament	6											
								D-													
H																					

* Momentary contact.

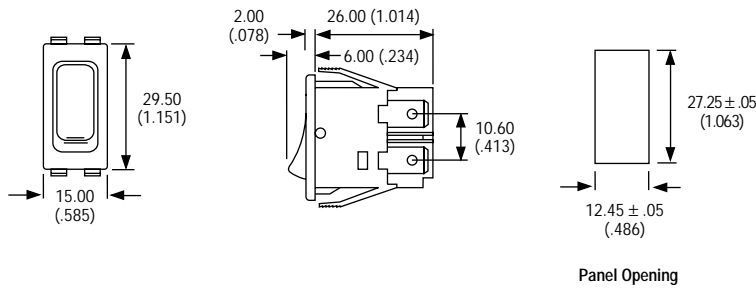
- ① No code required.
- ② Available with 3201 only.
- ③ View option not available with this circuit.
- ④ To order the High In-Rush option, place the letter H before the rocker style code. Examples: 3201HR-11EA or 3201HV-11REA.
- ⑤ A, B, and C legends only available on two-position switches. D and E legends only available on three position switches.
- ⑥ Available in Red only.

3200 SERIES — DOUBLE POLE



3201SB-11EA
Double Pole Switch/Single Pole Body

3200SB SERIES



3201D-11E
Dot Illumination



3201V-11EA
View Rocker



3201G-11EA
Illuminated