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Rocker Switches



1 ROCKER SWITCHES

Elite Series Miniature Snap-In Illuminated and Non-Illuminated AC Rocker Switches

DESCRIPTION

The Elite Miniature Rocker Switch Series combines traditional Eaton quality and durable construction into a compact package that fits standard industry panel cut outs.

Elite I

The Elite I switch is ideal for use in electronic instrumentation, data processing, communications, appliance, medical equipment and any application within specifications.

Elite II and III

The Elite II and III offer enhanced ratings and a shallow depth design. The Elite II rocker switches are single pole and the Elite III are double pole configurations.

EP11

This ON-OFF pushbutton compliments the Elite Series (Cat. No. EP11).

SPECIFICATIONS

Ratings:

See selection tables.

Circuits:

Elite I

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

Maintained and momentary.

Elite II and III

1PST, 2PST.

Maintained.

EP11

1PST.

Contact Mechanism:

Slow-make/Slow-break butt contact.

Make:

Elite I

On-Off circuit.

100A peak inrush at 250V ac for 4ms.

Elite II and III

On-Off circuit.

100A peak inrush at 125/250V ac for 4 ms.

EP11

Push ON-Off circuit.

Break:

Elite I

6A, 250V ac.

Elite II and III

10A, 125/250V ac.

EP11

10(6)A, 250V ac; 15A, 125V ac.

Contact Material:

Elite I

Silver inlay over copper.

Elite II and III

Silver on nickel.

Contact Resistance:







10 mΩ max. at 1A, 4V dc.

HOW TO ORDER — ELITE I NON-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	Base & Bezel Color	Rocker Color	Termination Type	Legend (optional)	Complete Catalog Number
E112M	1	2	J	01	E112M12J01

ELITE I NON-ILLUMINATED SELECTION TABLE (BOLD FACE TYPE INDICATES ITEMS NORMALLY IN DISTRIBUTOR STOCK)

Rating	Poles and Throw	Circuit with Rocker in			BASE CATALOG NUMBER	CIRCUIT NUMBER SEE PAGE 4.29	CODE LETTERS AND NUMBERS — ADD TO BASE CIRCUIT NUMBER															
		UP Position	CENTER Position	DOWN Position			Finish		Base & Bezel Color		Rocker Color		Termination Type		Legend (optional)							
							Type	Code	Color	Code	Color	Code	Termination	Code	Type	Code						
NON-ILLUMINATED																						
8A, 125V ac 1/4 Hp, 125V ac 6A, 250V ac 1/2 Hp, 250V ac 6(4)A, 250V ac	1 P.S.T.	ON ON* ON	NONE NONE NONE	OFF OFF OFF*	E110 E111 E115	1 3 4	Matte	M	Black	1	Black	1	Solder	B		01						
	1 P.D.T.	ON ON ON	NONE NONE OFF	ON ON* ON	E112 E113 1 E114	5 7 6									4.8 Tabs/ .187" Quick-Connect	J		02				
	2 P.S.T.	ON ON* ON	NONE NONE NONE	OFF OFF OFF*	E120 E121 E125	10 11 12												07				
	2 P.D.T.	ON ON ON	NONE NONE OFF	ON ON* ON	E122 E123 1 E124	13 15 14																

* Momentary Contact

1 Availability is limited. For more information, contact your Eaton Sales Representative.

Mechanical Life:
50,000 cycles min.

Insulation Resistance:
100 MΩ min.

Terminal Types:
Elite I, II and III
Standard —
4.8mm Tabs/.187"
Quick-connect.
Optional — Solder lug.

EP11
Spade Terminals — Brass.

Termination Material:
Elite I
4.8mm Tabs/.187" Quick-connect terminals: 1 and 2, copper; 1A and 2A, brass.

Solder Lugs — Copper fine silver plated.

Elite II and III
Silver on brass.

Mounting:
See dimensions.

Operating Temperature Range:
0°C to 85°C
(+32°F to +185°F).

Dielectric Withstand:
1000V RMS minimum.

Options:
Elite I, II and III
• Pad printed legends on rocker and bezel.

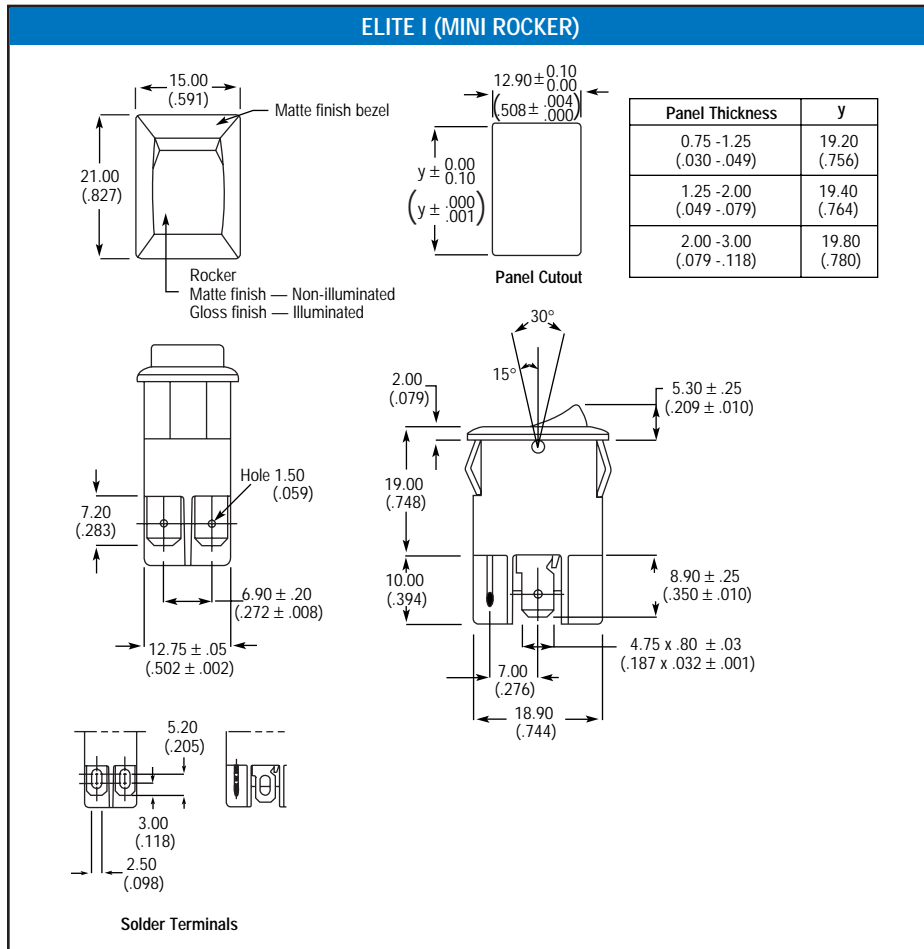
- Special and matched colors.
 - Transparent dust seal.
- EP11**
- Various button colors.

Approvals:
UL File: E24354 or E118, WOYR2.
CSA File: LR10538 or 45995.
VDE Listing: 36088 or 6498-440.
BEAB, SEMKO, DEMKO, NEMKO, FEMKO, IMQ, KEMA, UTE.

For information on optional features, contact your Eaton Sales Representative.



DIMENSIONS APPROXIMATE IN MM (INCHES)



E110M12J



E120MG21J07



E30M11J01



EP11

1 ROCKER SWITCHES




Elite Series Miniature Snap-In Illuminated and Non-Illuminated AC Rocker Switches (continued)

HOW TO ORDER — ELITE I 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	Lens/Rocker Color	Lamp Voltage	Base & Bezel Color	Termination Type	Legend (optional)	Complete Catalog Number
E110M	W	2	3	J	01	E110MW23J01

ELITE I ILLUMINATED SELECTION TABLE (BOLD FACE TYPE INDICATES ITEMS NORMALLY IN DISTRIBUTOR STOCK)







Rating	Poles and Throw	Circuit with Rocker in			BASE CATALOG NUMBER	CIRCUIT NUMBER SEE PAGE 4.29	CODE LETTERS AND NUMBERS — ADD TO BASE CIRCUIT NUMBER										
		UP Position	CENTER Position	DOWN Position			Finish		Lens/Rocker Color		Lamp Voltage		Base & Bezel Color		Termination Type		Legend (optional)
							Type	Code	Color	Code	Color	Code	Color	Code	Termination	Code	Code
ILLUMINATED																	
8A, 125V ac 1/4 Hp, 125V ac 6A, 250V ac 1/2 Hp, 250V ac 6(4)A, 250V ac	1 P.S.T.	ON	NONE	OFF	E110	18	Matte	M	Amber	A	125V Neon	1	Black	1	Solder Lug	B	See legend table below for codes
	2 P.S.T.	ON	NONE	OFF	E120	28			Green	G			White	2			
		INDICATOR							Red	R	250V Neon	2	Red	3			
		Base Catalog Number: E19			32				White (Clear)	W							
—	—					32											

HOW TO ORDER — ELITE II AND III NON-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	Base & Bezel Color	Rocker/Paddle Color	Termination Type	Legend (optional)	Complete Catalog Number
E20M	1	3	J	—	E20M13J

ELITE II AND III NON-ILLUMINATED SELECTION TABLE (BOLD FACE TYPE INDICATES ITEMS NORMALLY IN DISTRIBUTOR STOCK)

Rating	Poles and Throw	Circuit with Rocker in			BASE CIRCUIT		CIRCUIT NUMBER SEE PAGE 4.29	CODE LETTERS AND NUMBERS — ADD TO BASE CIRCUIT NUMBER										
		UP Position	CENTER Position	DOWN Position	Rocker	Paddle		Finish		Base & Bezel Color		Rocker/Paddle Color		Termination Type		Legend (optional)		
					Type	Code		Type	Code	Color	Code	Color	Code	Termination	Code	Type	Code	
NON-ILLUMINATED																		
10A, 125V ac 1/4 Hp, 125V ac 10A, 250V ac 1/2 Hp, 250V ac 10(4)A, 250V ac	1 P.S.T.	ON ON	NONE NONE	OFF OFF	E20 E40 ①	— PE40 ①	1 2	Matte	M	Black	1	Black	1	Solder Lug	B		01	
	2 P.S.T.	ON	NONE	OFF	E30	PE30	10			White	2	White	2	4.8mm Tabs/.187" Quick-Connect	J		02	
		INDICATOR							Red	3	Red	3						07
		Base Catalog Number: E29				32												
—	—					32												

① E40 and PE40 are single pole switches supplied in E30 type double pole bases.

DIMENSIONS APPROXIMATE IN MM (INCHES)

