



Series: EOSB

Economical Operator Station Boxes with Switches, Buzzers & LED Indicators



FEATURES & BENEFITS

- Rugged, Compact PC/PCT Plastic Enclosure
- Rotary, Push-button or Keyed Switches
- 12V, 24V or 120V LED Indicator Lights or Buzzers
- Options For One, Two, Three or Four Positions
- Enclosure Knockouts for Easy Wiring

APPLICATIONS

- Industrial Operator Controls
- Machinery Control & Emergency Stop
- Temperature, Pressure or Level Alarm Panels

DESCRIPTION

This EOSB Series of economical operator stations provide numerous features and benefits usually not offered in similar industrial control boxes. Features include a rugged plastic enclosure with knockouts and a gasketed lid. Models with one, two, three or four positions accommodate Push-button, keyed switches or Rotary switches, LED indicator Lights or Visual/Audible Buzzers.


General Specifications

Enclosure Rating:	NEMA 1, 2 (For Indoor Use Only)
Enclosure Material:	PC/PCT Plastic
Max Temperature:	-40 to 175 °F (-40 to 80 °C)
Enclosure Dimension:	Single Position – 2.7 x 2.7 x 2.7" Dual Position – 4.1 x 2.7 x 2.5" Three Position – 5.3 x 2.7 x 2" Four Position – 6 x 2.7 x 2.5"



Model EOSB-S1A-S2D Shown


LED Indicator Light Types

	Letter	Description
	G	GREEN Led Indicator, 20mA, 12V DC, 24V DC or 120V AC
	Y	YELLOW Led Indicator, 20mA, 12V DC, 24V DC or 120V AC
	R	RED Led Indicator, 20mA, 12V DC, 24V DC or 120V AC
	B	BLUE Led Indicator, 20mA, 12V DC, 24V DC or 120V AC
	W	WHITE Led Indicator, 20mA, 12V DC, 24V DC or 120V AC

Switch Types

	Letter	Description
	A	Keyed Rotary Switch, 2-Position, On/Off, 1 NO, 1 NC Contacts, 600V, 10A @120V AC, 3A @ 240V AC
	B	Keyed Rotary Switch, 3-Position, On/ Off/On, 2 NO, 2 NC Contacts, 600V, 10A @120V AC, 3A @ 240V AC
	C	Rotary Switch, 2-Position, Left On/Right Off, 1 NO, 1 NC Contacts, 600V, 10A @120V AC, 3A @ 240V AC
	D	Rotary Switch, 3-Position, Left On/Center Off/Right On, 2 NO Contacts, 600V, 10A @120V AC, 3A @ 240V AC
	EG	GREEN Momentary Push-button Switch, Non-latching, 1 NO, 1 NC Contacts, 600V, 10A @120VAC, 3A @ 240VAC
	ER	RED Momentary Push-button Switch, Non-latching, 1 NO, 1 NC Contacts, 600V, 10A @120V AC, 3A @ 240V AC
	EY	YELLOW Momentary Push-button Switch, Non-latching, 1 NO, 1 NC Contacts, 600V, 10A @120V AC, 3A @ 240V AC
	F	Self-Locking Push-button Switch, 1 NO, 1 NC Contacts, 40mm Mushroom Button, 600V, 10A @120V AC, 3A @ 240V AC
	G	Keyed, Self-Locking Push-button Switch, 1 NO, 1 NC Contacts, 40mm Mushroom Button, 600V, 10A @120VAC, 3A @ 240VAC

Buzzer Types

	Letter	Description
	G	GREEN Led Indicator Strobe with 80db Buzzer, 12V DC, 24V DC or 120V AC
	Y	YELLOW Led Indicator Strobe with 80db Buzzer, 12V DC, 24V DC or 120V AC
	R	RED Led Indicator Strobe with 80db Buzzer, 12V DC, 24V DC or 120V AC

Available Models

Models:	Light /Buzzer Voltage	Lights	Switches	Buzzers	Description
EOSB-EB1	-	-	-	-	One Position Box Only
EOSB-EB2					Two Position Box Only
EOSB-EB3					Three Position Box Only
EOSB-EB4					Four Position Box Only
EOSB-L1(*)-12V	12V DC	1	-	-	One Position with One LED Indicator
EOSB-L1(*)-24V	24V DC				
EOSB-L1(*)-120V	120V AC				
EOSB-L1(*)-L2(*)-12V	12V DC	2	-	-	Two Position with Two LED Indicators
EOSB-L1(*)-L2(*)-24V	24V DC				
EOSB-L1(*)-L2(*)-120V	120V AC				
EOSB-L1(*)-L2(*)-L3(*)-12V	12V DC	3	-	-	Three Position with Three LED Indicators
EOSB-L1(*)-L2(*)-L3(*)-24V	24V DC				
EOSB-L1(*)-L2(*)-L3(*)-120V	120V AC				
EOSB-L1(*)-L2(*)-L3(*)-L4(*)-12V	12V DC	4	-	-	Four Position with Four LED Indicators
EOSB-L1(*)-L2(*)-L3(*)-L4(*)-24V	24V DC				
EOSB-L1(*)-L2(*)-L3(*)-L4(*)-120V	120V AC				
EOSB-L1(*)-12V-S1(**)	12V DC	1	1	-	Two Position with One LED Indicator and One Switch
EOSB-L1(*)-24V-S1(**)	24V DC	1	1	-	
EOSB-L1(*)-120V-S1(**)	120V AC	1	1	-	
EOSB-L1(*)-L2(*)-12V-S1(**)	12V DC	2	1	-	Three Position with Two LED Indicators and One Switch
EOSB-L1(*)-L2(*)-24V-S1(**)	24V DC	2	1	-	
EOSB-L1(*)-L2(*)-120V-S1(**)	120V AC	2	1	-	
EOSB-L1(*)-L2(*)-L3(*)-12V-S1(**)	12V DC	3	1	-	Four Position with Three LED Indicators and One Switch
EOSB-L1(*)-L2(*)-L3(*)-24V-S1(**)	24V DC	3	1	-	
EOSB-L1(*)-L2(*)-L3(*)-120V-S1(**)	120V AC	3	1	-	
EOSB-L1(*)-12V-S1(**)-S2(**)	12V DC	1	2	-	Three Position with One LED Indicator and Two Switches
EOSB-L1(*)-24V-S1(**)-S2(**)	24V DC	1	2	-	
EOSB-L1(*)-120V-S1(**)-S2(**)	120V AC	1	2	-	

Models:	Light /Buzzer Voltage	Lights	Switches	Buzzers	Description
EOSB-L1(*)-L2(*)-12V-S1(**)-S2(**)	12V DC	2	2	-	Four Position with Two LED Indicators and Two Switches
EOSB-L1(*)-L2(*)-24V-S1(**)-S2(**)	24V DC	2	2	-	
EOSB-L1(*)-L2(*)-120V-S1(**)-S2(**)	120V AC	2	2	-	
EOSB-L1(*)-12V-S1(**)-S2(**)-S3(**)	12V DC	1	3	-	Four Position with One LED Indicator and Three Switches
EOSB-L1(*)-24V-S1(**)-S2(**)-S3(**)	24V DC	1	3	-	
EOSB-L1(*)-120V-S1(**)-S2(**)-S3(**)	120V AC	1	3	-	
EOSB-S1(**)	N/A	-	1	-	One Position with One Switch
EOSB-S1(**)-S2(**)	N/A	-	2	-	Two Position with Two Switches
EOSB-S1(**)	N/A	-	1	-	One Position with One Switch
EOSB-S1(**)-S2(**)	N/A	-	2	-	Two Position with Two Switches
EOSB-S1(**)-S2(**)-S3(**)	N/A	-	3	-	Three Position with Three Switches
EOSB-S1(**)-S2(**)-S3(**)-S4(**)	N/A	-	4	-	Four Position with Four Switches
EOSB-B1(†)-12V	12V DC	-	-	1	One Position with One Buzzer
EOSB-B1(†)-24V	24V DC				
EOSB-B1(†)-120V	120V AC				
EOSB-B1(†)-B2(†)-12V	12V DC	-	-	2	Two Position with Two Buzzers
EOSB-B1(†)-B2(†)-24V	24V DC				
EOSB-B1(†)-B2(†)-120V	120V AC				
EOSB-B1(†)-B2(†)-B3(†)-12V	12V DC	-	-	3	Three Position with Three Buzzers
EOSB-B1(†)-B2(†)-B3(†)-24V	24V DC				
EOSB-B1(†)-B2(†)-B3(†)-120V	120V AC				
EOSB-B1(†)-B2(†)-B3(†)-B4(†)-12V	12V DC	-	-	4	Four Position with Four Buzzers
EOSB-B1(†)-B2(†)-B3(†)-B4(†)-24V	24V DC				
EOSB-B1(†)-B2(†)-B3(†)-B4(†)-120V	120V AC				
EOSB-B1(†)-L1(*)-12V	12V DC	1	-	1	Two Position with One Buzzer and One LED Indicator
EOSB-B1(†)-L1(*)-24V	24V DC				
EOSB-B1(†)-L1(*)-120V	120V AC				
EOSB-B1(†)-L1(*)-L2(*)-12V	12V DC	2	-	1	Three Position with One Buzzer and Two LED Indicators
EOSB-B1(†)-L1(*)-L2(*)-24V	24V DC				
EOSB-B1(†)-L1(*)-L2(*)-120V	120V AC				
EOSB-B1(†)-L1(*)-L2(*)-L3(*)-12V	12V DC	3	-	1	Four Position with One Buzzer and Three LED Indicators
EOSB-B1(†)-L1(*)-L2(*)-L3(*)-24V	24V DC				
EOSB-B1(†)-L1(*)-L2(*)-L3(*)-120V	120V AC				

Models:	Light /Buzzer Voltage	Lights	Switches	Buzzers	Description
EOSB-B1 (†)-12V-S1 (**)	12V DC	-	1	1	Two Position with One Buzzer and One Switch
EOSB-B1 (†)-24V-S1 (**)	24V DC				
EOSB-B1 (†)-120V-S1 (**)	120V AC				
EOSB-B1 (†)-12V-S1 (**)-S2 (**)	12V DC	-	2	1	Three Position with One Buzzer and Two Switches
EOSB-B1 (†)-24V-S1 (**)-S2 (**)	24V DC				
EOSB-B1 (†)-120V-S1 (**)-S2 (**)	120V AC				
EOSB-B1 (†)-12V-S1 (**)-S2 (**)-S3 (**)	12V DC	-	3	1	Four Position with One Buzzer and Three Switches
EOSB-B1 (†)-24V-S1 (**)-S2 (**)-S3 (**)	24V DC				
EOSB-B1 (†)-120V-S1 (**)-S2 (**)-S3 (**)	120V AC				
EOSB-B1 (†)-L1 (*)-12V-S1 (**)	12V DC	1	1	1	Three Position with One Buzzer, One Switch and One LED Indicator
EOSB-B1 (†)-L1 (*)-24V-S1 (**)	24V DC				
EOSB-B1 (†)-L1 (*)-120V-S1 (**)	120V AC				
EOSB-B1 (†)-L1 (*)-L2 (*)-12V-S1 (**)	12V DC	2	1	1	Four Position with One Buzzer, One Switch and Two LED Indicator
EOSB-B1 (†)-L1 (*)-L2 (*)-24V-S1 (**)	24V DC				
EOSB-B1 (†)-L1 (*)-L2 (*)-120V-S1 (**)	120V AC				
EOSB-B1 (†)-L1 (*)-12V-S1 (**)-S2 (**)	12V DC	1	2	1	Four Position with One Buzzer, Two Switches and One LED Indicator
EOSB-B1 (†)-L1 (*)-24V-S1 (**)-S2 (**)	24V DC				
EOSB-B1 (†)-L1 (*)-120V-S1 (**)-S2 (**)	120V AC				
EOSB-B1 (†)-B2 (†)-L1 (*)-12V-S1 (**)	12V DC	1	1	2	Four Position with Two Buzzers, One Switch and One LED Indicator
EOSB-B1 (†)-B2 (†)-L1 (*)-24V-S1 (**)	24V DC				
EOSB-B1 (†)-B2 (†)-L1 (*)-120V-S1 (**)	120V AC				

* Add "Letter" from LED Indicator chart to model number.

** Add "Letter" from Switch Type chart to model number.

† Add "Letter" from Buzzer Type chart to model number.

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