



Series: LC-OSB

Low Cost Operator Station Box with Switches, Buzzers or LED Indicators



FEATURES & BENEFITS

- Rugged, Compact Gasketed Plastic Enclosure
- Models with Switches, LED Indicators or Buzzers
- 12V, 24V or 120V LED Indicators or Buzzers
- Rotary, Push-button or Keyed Switches
- Options For One or Two Positions
- Available with Cable Gland or Conduit Fitting

APPLICATIONS

- Industrial Operator Station Controls & Alarms
- Machinery Control or Emergency Stop

DESCRIPTION

This LC-OSB Series of low cost operator stations provide numerous features and benefits usually not offered in similar industrial control boxes. Features include a rugged plastic enclosure with integral mounting ears and a gasketed lid. Models with one, or two positions accommodate Push-button or Rotary switches, LED indicators or Visual/Audible Buzzers and offer the choice of a cable gland or conduit fitting for wiring entry and exit.


General Specifications

Enclosure Size, Rating, Material:	NEMA 1, 4" x 4" x 2", PVC Plastic
Installation:	For Indoor Use Only

Buzzer Types

	Code	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



LED Indicator (Light) Types

	Code	Description
	G	GREEN Led Indicator (22mm) 20mA 12VDC, 24VDC or 120VAC
	Y	YELLOW Led Indicator (22mm) 20mA 12VDC, 24VDC or 120VAC
	R	RED Led Indicator (22mm) 20mA 12VDC, 24VDC or 120VAC
	B	BLUE Led Indicator (22mm) 20mA 12VDC, 24VDC or 120VAC
	W	WHITE Led Indicator (22mm) 20mA 12VDC, 24VDC or 120VAC

Switch Types

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

Wiring Version (Cable Gland & Conduit Fitting) Chart

	Code	Description
	PG9	One PG9 Cable Gland
	PG11	One PG11 Cable Gland
	PG13	One PG13 Cable Gland
	C12	One 1/2" Conduit Fitting
	C34	One 3/4" Conduit Fitting
	NF	No Fitting (no hole drilled)

Version C12







Version PG11



Available Models

	Models:	Light /Buzzer Voltage	Lights	Switches	Buzzers	Description
	LC-OSB-L1(*)12V-(‡)	12V DC	1	-	-	One Position with One LED Indicator
	LC-OSB -L1(*)24V-(‡)	24V DC				
	LC-OSB -L1(*)120V-(‡)	120V AC				
	LC-OSB -L1(*)-L2(*)-12V-(‡)	12V DC	2	-	-	Two Positions with Two LED Indicators
	LC-OSB -L1(*)-L2(*)-24V-(‡)	24V DC				
	LC-OSB -L1(*)-L2(*)-120V-(‡)	120V AC				
	LC-OSB -L1(*)12V-S1(**)-(‡)	12V DC	1	1	-	Two Position with One LED Indicator and One Switch
	LC-OSB -L1(*)24V-S1(**)-(‡)	24V DC				
	LC-OSB -L1(*)120V-S1(**)-(‡)	120V AC				
	LC-OSB -S1(**)-(‡)	N/A	-	1	-	One Position with One Switch
	LC-OSB-S1(**)-S2(**)-(‡)	N/A	-	2	-	Two Positions with Two Switches

	Models:	Light /Buzzer Voltage	Lights	Switches	Buzzers	Description
	LC-OSB-B1 (†)12V-L1(*)12V-(‡)	12V DC	1	-	1	Two Positions with One Buzzer and One LED Indicator
	LC-OSB-B1 (†)24V-L1(*)24V-(‡)	24V DC				
	LC-OSB-B1 (†)120V-L1(*)120V-(‡)	120V AC				
	LC-OSB-B1 (†)12V-S1(**)-(‡)	12V DC	-	1	1	Two Positions with One Buzzer and One Switch
	LC-OSB-B1 (†)24V-S1(**)-(‡)	24V DC				
	LC-OSB-B1 (†)120V-S1(**)-(‡)	120V AC				
	LC-OSB-B1 (†)12V-(‡)	12V DC	-	-	1	One Position with One Buzzer
	LC-OSB-B1 (†)24V-(‡)	24V DC				
	LC-OSB-B1 (†)120V-(‡)	120V AC				
	LC-OSB-B1 (†)12V-B2(†)12V-(‡)	12V DC	-	-	2	Two Positions with Two Buzzers
	LC-OSB-B1 (†)24V-B2(†)24V-(‡)	24V DC				
	LC-OSB-B1 (†)120V-B2(†)120V-(‡)	120V AC				

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

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

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

‡ Add "Code" from Wiring Version chart to end of model number.

Custom models and quantity discounts are available. Contact us for information on options and pricing.

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Note: Continued product improvements make specifications subject to change without notice.
Check www.imagineinstruments.com for the latest product information and updates

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