



# ALARMS & INDICATION

## OPERATOR STATIONS ESB SERIES

### DESCRIPTION

The **E-Stop ESB Series operator stations** offer a highly visible method to shut down equipment, initiate alarms, or give a controller input during emergency conditions. Operation occurs with the breaking of a lens, and then pushing the red push-button inside. Both break-lens to release button and field replacement lens are available.

### FEATURES

- **Highly visible yellow/black background**
- **UL listed for Category NKCR, File #E352651**
- **Various NEMA rated enclosures**
- **Red push-button operators**
- **1 N.O. and 1 N.C. contact included**
- **No power needed to operate**



ESB-M1F-BLR-BS



ESB-M3S-BLP-CS



### SPECIFICATIONS

#### Contact Rating

ES-NO	10A, 600 VAC
ES-NC	2.5A, 600 VDC

#### Contact Configuration

Standard Contacts	1 N.O. and 1 N.C. (Included)
Added Contacts	4 Maintained Total or 6 Momentary Total

#### Mechanical Life

Contact 10 million operations

#### Contact Type

Self-cleaning silver contacts

#### Contact Resistance

<25 milli-Ohms, Closed

#### Operating Temperature

-13° to 158°F (-25° to 70°C)

#### Enclosure Rating

NEMA 1, 3R, 4, 4X, 12, 13

#### Dimensions

M1S, M2S, M3S	4"H X 4" W X 4"D (10.2 X 10.2 X 10.2 CM)
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#### M4S

5.91"H X 5.91"D X 4.72"D  
(15 X 15 X 12 CM)

#### M1F

5.5"H X 5.5"W X 4"D  
(14 X 14 X 10.2 CM)

#### Weight

#### M1S

2.63 lb (1.19 Kg)

#### M2S, M1F

2.55 lb (1.16 Kg)

#### M3S

2.83 lb (1.28 Kg)

#### M4S

3.95 lb (1.79 Kg)

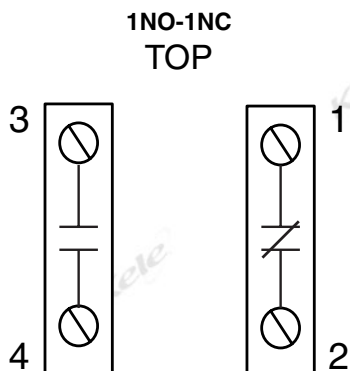
#### Approvals

UL Listed file # E352651,  
NKCR, cUL

#### Warranty

1 year

### WIRING



**Note:** Standard contact arrangement is 1 N.O. and 1 N.C.  
(4 momentary or 6 maintained total maximum)

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OPERATOR STATIONS  
**ESB SERIES**



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## ORDERING INFORMATION

MODEL	DESCRIPTION
ESB	Break-Lens Operator Station (UL NKCR) (1-N.O. & 1-N.C. contacts included)
<b>ENCLOSURE</b>	
M1S	NEMA 1 Metal enclosure, surface mount
M3S	NEMA 3R Metal enclosure, surface mount
M2S	NEMA 12,13 Metal enclosure, surface mount
M4S	NEMA 4,12 Metal Enclosure, surface mount
M1F	NEMA 1 Metal enclosure, flush mount
<b>BUTTON STYLE</b>	
BLR	"Break Lens to Release Button" to normal condition with red momentary push button
BLP	"Break Lens - Push Button" model with maintained operator
<b>LEGEND</b>	
BS	Boiler Shut-down
CS	Chiller Stop
FN	Exhaust Fan
HS	HVAC Shut-down
PO	Power Off
RP	Refrigerant Purge
SD	Shut Down
SO	Shut Off
ST	Stop
VP	Ventilation Stop
VT	Ventilation Start
XX*	Custom Legend

ESB - M1S - BLP - CS

\*18 character max, no color changes, no font changes, no company logos.

**Example: ESB-M1S-BLP-CS** Break-Lens Operator Station, NEMA 1 metal enclosure, surface mount, maintained "Break Lens Push Button" operator, labeled as "Chiller Stop"

## ACCESSORIES

**ES-LENS**

Replacement Lens for ESB series Operator Stations

**ES-NC**

Normally Closed Contact Block for Non-illuminated ESM, ESB, and ESP Emergency Operator Stations

**ES-NO**

Normally Open Contact Block for Non-illuminated ESM, ESB, and ESP Operator Stations