



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



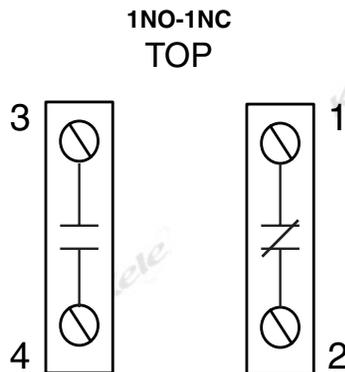
ESB-M3S-BLP-CS



SPECIFICATIONS

Contact Rating		M4S	5.91"H X 5.91"D X 4.72"D (15 X 15 X 12 CM)
ES-NO	10A, 600 VAC	M1F	5.5"H X 5.5"W X 4"D (14 X 14 X 10.2 CM)
ES-NC	2.5A, 600 VDC	Weight	
Contact Configuration		M1S	2.63 lb (1.19 Kg)
Standard Contacts	1 N.O. and 1 N.C. (Included)	M2S, M1F	2.55 lb (1.16 Kg)
Added Contacts	4 Maintained Total or 6 Momentary Total	M3S	2.83 lb (1.28 Kg)
Mechanical Life	Contact 10 million operations	M4S	3.95 lb (1.79 Kg)
Contact Type	Self-cleaning silver contacts	Approvals	UL Listed file # E352651, NKCR, cUL
Contact Resistance	<25 milli-Ohms, Closed	Warranty	1 year
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)		

WIRING



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



ORDERING INFORMATION

MODEL	DESCRIPTION
ESB	Break-Lens Operator Station (UL NKCR) (1-N.O. & 1-N.C. contacts included)
ENCLOSURE	
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
BUTTON STYLE	
BLR	“Break Lens to Release Button” to normal condition with red momentary push button
BLP	“Break Lens - Push Button” model with maintained operator
LEGEND	
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