



ALARMS & INDICATION

EMERGENCY OPERATOR STATIONS ESM SERIES

DESCRIPTION

The **E-Stop ESM Series emergency operator stations** offer a highly visible method to shut down equipment, initiate alarms, or give a controller input during emergency conditions. Operation is with the push of a red 40mm mushroom-head push-button. The button may be reset with a pull or twist of the mushroom head, depending on the button style.

FEATURES

- **Highly visible yellow/black background**
- **UL listed for Category NISD Emergency Stop Devices, File #E348889**
- **Various NEMA rated enclosures**
- **40mm Red Mushroom Operators**
- **1 N.O. and 1 N.C. contact included**



ESM-M1S-PP0-BS



ESM-NXS-PP0-VT



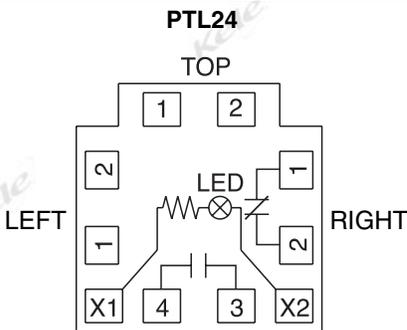
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SPECIFICATIONS

Contact Rating	ES-NO 10A, 600 VAC ES-NC 2.5A, 600 VDC	M1F	(10.2 x 10.2 x 10.2 cm) 5.5"H x 5.5"W x 3"D (14 x 14 x 7.6 cm)
Contact Configuration	4 Maintained or 6 Momentary maximum	Weight	
Mechanical Life	Contact 10 million operations	M1S	1.84 lb (0.84 Kg)
Contact Type	Self-cleaning silver contacts	NXS	1.93 lb (0.88 Kg)
Contact Resistance	<25 milli-ohms, closed	M2S	2.30 lb (1.04 Kg)
Operating Temperature	-13° to 158°F (-25° to 70°C)	SXS	1.90 lb (0.86 Kg)
Enclosure Rating	NEMA 1, 3R, 4, 4X, 12, 13 available	M3S	2.95 lb (1.34 Kg)
Dimensions		M1F	2.39 lb (1.03 Kg)
M1S, M2S	4"H x 4"DW x 3"D (10.2 x 10.2 x 7.6 cm)	Approvals	UL Listed NISD File# E348889, CSA, NEMA
NXS	4.45"H x 2.87" W x 3.11"D (10.2 x 7.6 x 7.9 cm)	Warranty	1 year
SXS	3.5"H x 3.25"W x 2.75"D (8.9 x 8.3 x 7.1 cm)		
M3S	4"H x 4" W x 4"D		

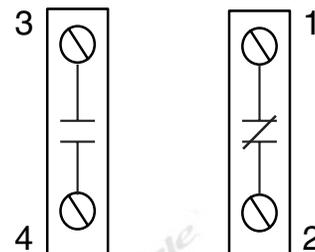
WIRING



1 NO-1 NC

Note: Standard contact arrangement

PP0, PT0, PK
TOP



1 NO-1 NC

Note: Standard contact arrangement
(4 momentary or 6 maintained total maximum)

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ORDERING INFORMATION

Model	Description
ESM	Maintained Emergency Operator Station (UL NISD) (1-N.O. & 1-N.C. contact included)
	Enclosure
M1S	NEMA 1 Metal enclosure, surface mount
NXS	NEMA 4X,12 Non-metal enclosure, surface mount
M2S	NEMA 12,13 Metal enclosure, surface mount
SXS	NEMA 4X Stainless steel enclosure, surface mount
M3S	NEMA 3R Metal enclosure, surface mount
M1F	NEMA 1 Metal enclosure, flush mount
	Button Style
PP0	Red maintained 40mm mushroom (push-pull)
PT0	Red maintained 40mm mushroom (push-twist)
PTL24*	Illuminated 24V red maintained 40mm mushroom (push-twist, lamp included)
PK0	Red maintained 40mm mushroom (push- key release)
	Legend
BS	Emergency - Boiler Shut-down
CS	Emergency - Chiller Stop
FN	Emergency - Exhaust Fan
HS	Emergency- HVAC Shut-down
PO	Emergency - Power Off
RP	Emergency - Refrigerant Purge
SD	Emergency - Shut Down
SO	Emergency - Shut Off
ST	Emergency - Stop
VP	Emergency - Ventilation Stop
VT	Emergency - Ventilation Start

*Can only be used with M1S or M1F enclosure
 **18 character max, no color changes, no font changes, no company logos.

Example: ESM-M1S-PP0-CS Maintained Emergency Operator Station, NEMA1 metal enclosure, surface mount, Red maintained 40mm push-pull mushroom, labeled as "Chiller Stop"

ESM - M1S - PP0 - CS

ACCESSORIES

- ES-KEY** Replacement Key for PK0 option, ESM and ESP series
- 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 Emergency Operator Stations