

# 30 mm Mount E-Stop Buttons



## Armed, actuated and stop status conveyed by highly visible illumination with simple installation

Banner's round, 30 mm mount E-Stop buttons are ideal for many emergency stop safety applications with bright, highly visible indication. The easy to install E-Stops are available with two-color yellow and red lighting, red lighting only, or a non-illuminated black base. EZ-LIGHT™ logic provides an illuminated yellow base when the button is armed and the machine is enabled to RUN or is running, and turns to a flashing red indication whenever the button is pushed. The base of an armed button can also turn to a steady red indication (from yellow) when a STOP condition exists by applying an external signal.

- ▶ Easy installation and hookup with no assembly, individual wiring or additional enclosure required
- ▶ Reduces intensive labor costs with a fully enclosed E-Stop button ready for installation
- ▶ Illuminated models with yellow and red (flash) indication of actuation (armed or depressed/latched button) and machine status (solid red - optional) allows for easy identification of an actuated button
- ▶ Non-illuminated models with various contact configurations such as 2 NC, 1 NC/1 NO and 2 NC/2 NO; illuminated models with 2 NC and a PNP NO auxiliary output
- ▶ Rugged design rated to IP65 with a 30 mm mounting base
- ▶ Safe Break Action ensures NC contacts will open if the contact block is separated from the actuator
- ▶ Models available to interface with Safety BUS nodes/gateways
- ▶ Multiple buttons can be interfaced and series connected with CSS Series Hookup Cordsets
- ▶ Push-to-stop, twist-to-release or pull-to-release operation per IEC60947-5-5
- ▶ Latching design complies with ISO 13850; direct (positive) opening operation per IEC 60947-5-1
- ▶ Compliant with ANSI B11.19, ANSI NFPA79, and IEC/EN 60204-1 Emergency Stop requirements
- ▶ "Emergency Stop" legend included

## Innovation for increased safety and productivity



When 30 mm mount E-Stop buttons are wired in series, the built-in logic function allows for clear indication of which device has been pushed.



30 mm mount E-Stop buttons with an OTB optical touch button is a simplified operator station that does not require an enclosure.



30 mm mount E-Stop buttons can be surface mounted without a bracket for machine mount applications.

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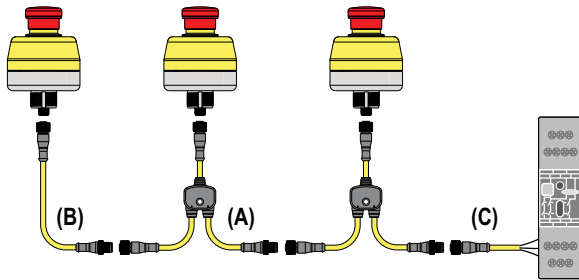


# E-Stop Push Buttons, 12 to 30V dc

Model	E-Stop Description	Connection	Illumination
SSA-EB1PLYR-12ECQ8	2 NC contacts/1 NO PNP Aux	8-pin M12/ Euro-style QD	Yellow & Red Solid Flashing/Solid
SSA-EB1PLXR-12ECQ8	2 NC contacts/1 NO PNP Aux	8-pin M12/ Euro-style QD	Red (Flashing/Solid)
SSA-EB1P-02ECQ4	2 NC contacts	4-pin M12/ Euro-style QD	—
SSA-EB1P-11ECQ4	1 NC/1 NO contacts	4-pin M12/ Euro-style QD	—
SSA-EB1P-02ECQ5A	2 NC contacts, Safety BUS node compatible	5-pin M12/ Euro-style QD	—
SSA-EB1P-02ECQ5B	2 NC contacts, Safety BUS node compatible	5-pin M12/ Euro-style QD	—
SSA-EB1P-22ECQ8	2 NC/2 NO contacts	8-pin M12/ Euro-style QD	—

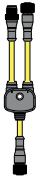
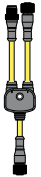
## CSS Series Hookup Cordset Solution

This interconnection solution allows for quick hookup of a series string of emergency stop buttons. For the models listed below, the Trunk, Branch #1 and Branch #2 are 300 mm in length. Call factory for other lengths. The user must ensure that the CSS series hookup cordsets are installed so that they cannot be easily defeated by not allowing access to the QD connectors or allowing improper connection bypassing the function of the Emergency Stop.



## Quick-Disconnect (QD) Cordsets

### Splitter M12/Euro-Style (A)

Models	Description
 CSS-M12F41M12M41M12F41	4-pin M12 QD splitter cordset for use with SSA-EB1P-02ECQ4
 CSS-M12F81M12M81M12F81	8-pin M12 QD splitter cordset for use with SSA-EB1PL..R-12ECQ8 and SSA-EB1P-22ECQ8

### 4-Pin M12/Euro-Style (C)

Length	Models
1.83 m	MQDC-406
4.57 m	MQDC-415
9.14 m	MQDC-430

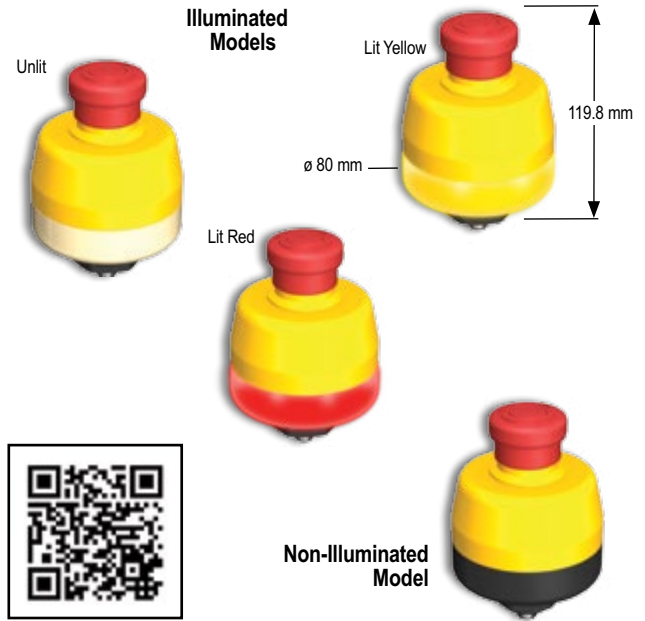
### 8-Pin M12/Euro-Style (C)

Length	Models
1.83 m	MQDC2S-806
4.57 m	MQDC2S-815
9.14 m	MQDC2S-830
15.2 m	MQDC2S-850

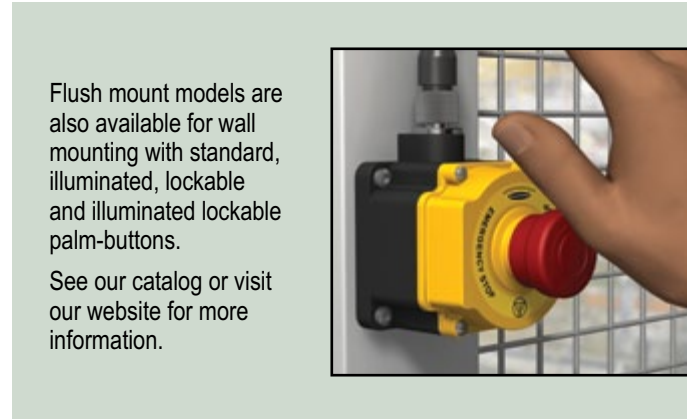
### 8-Pin M12/Euro-Style (B)

Length	Models	
	5-Pin	8-Pin
0.31 m	DEE2R-51D	DEE2R-81D
0.91 m	DEE2R-53D	DEE2R-83D
2.44 m	DEE2R-58D	DEE2R-88D
4.57 m	DEE2R-515D	DEE2R-815D
7.62 m	DEE2R-525D	DEE2R-825D
15.2 m	DEE2R-550D	DEE2R-850D
22.9 m	DEE2R-575D	DEE2R-875D
30.5 m	DEE2R-5100D	DEE2R-8100D

## Dimensions



for technical information



Flush mount models are also available for wall mounting with standard, illuminated, lockable and illuminated lockable palm-buttons.

See our catalog or visit our website for more information.

## Brackets

