# Emergency Stop Buttons

The 30 mm mount illuminated E-stop button has a unique 360 degree round housing, with a red button and yellow background, meeting worldwide safety standards. Models are also available in a non-lit, solid black base for additional safety applications.

Emergency Stop and Stop Controls

Emergency stop devices provide workers a means of stopping a device during an emergency by pushing a button or pulling a rope in order to prevent injury to personnel and material loss.

The red flashing illumination of the E-stop button visibly alerts operators which button was pressed so they can quickly and easily fix the problem to reduce downtime and only reset the button that was activated. When one button is pressed all other buttons turn red.
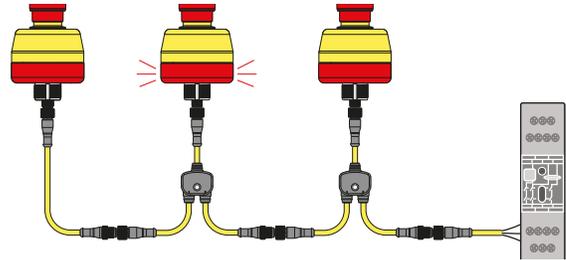
30 mm Mount Electro-Mechanical E-Stop Push Button, IP65 rating

Model	E-Stop Contacts	Illuminated Base	Connection
SSA-EB1P-02ECQ4	2 NC	/	4-pin M12 QD
SSA-EB1P-11ECQ4	1 NO / 1 NC	/	4-pin M12 QD
SSA-EB1P-22ECQ8	2 NO / 2 NC	/	8-pin M12 QD
SSA-EB1PLYR-12ECQ8	1 NO (PNP) / 2 NC	Yellow & Red (Flashing/Solid)	8-pin M12 QD
SSA-EB1PLGR-12ECQ8	1 NO (PNP) / 2 NC	Green & Red (Flashing/Solid)	8-pin M12 QD
SSA-EB1PLXR-12ECQ8	1 NO (PNP) / 2 NC	OFF & Red (Flashing/Solid)	8-pin M12 QD
SSA-EB1PL-12ECQ8	1 NO (PNP) / 2 NC	OFF & Red (Solid/Solid)	8-pin M12 QD

Flat Mount Electro-Mechanical E-Stop Push Button, IP65 rating

Standard Actuator	Lockable Actuator	E-Stop Contacts	Connection
SSA-EB1P-02ED1Q4	SSA-EB1MP-02ED1Q4	2 NC	4-pin M12 QD
SSA-EB1P-11ED1Q4	SSA-EB1MP-11ED1Q4	1 NO / 1 NC	4-pin M12 QD
SSA-EB1P-22ED1Q8	SSA-EB1MP-22ED1Q8	2 NO / 2 NC	8-pin M12 QD
SSA-EB1PL2-12ED1Q8	SSA-EB1ML2P-12ED1Q8	1 NO / 2 NC Illuminated button (Push ON)	8-pin M12 QD

Illuminated-base, with 1 NO (PNP) / 2 NC E-Stop Contacts, IP65 rating

Standard Actuator	Lockable Actuator	Illuminated Base	Connection
SSA-EB1PLXR-12ED1Q8	SSA-EB1MLXRP-12ED1Q8	OFF & Red (Flashing/Solid)	8-pin M12 QD
SSA-EB1PLYR-12ED1Q8	SSA-EB1MLYRP-12ED1Q8	Yellow & Red (Flashing/Solid)	8-pin M12 QD
SSA-EB1PL-12ED1Q8	SSA-EB1MLP-12ED1Q8	OFF & Red (Solid/Solid)	8-pin M12 QD
SSA-EB1PLGR-12ED1Q8	SSA-EB1MLGRP-12ED1Q8	Green & Red (Flashing/Solid)	8-pin M12 QD

SSA-EB1P-ECWC
FDA Grade Silicone Washdown Cover
IP67 and IP69 rated

Rope Pull E-Stop Devices and Switches

- Switch activates if the rope is pulled, becomes loose or breaks
- Rugged plastic housing to withstand harsh environments or heavy-duty housing rated to IP67 for use outdoors
- Models available with additional solid-state auxiliary output for remote tension monitoring
- Models available with E-stop button with manual reset
- Tension indicators

Rope pull emergency stop switches, when used with steel wire rope, provide emergency stop actuation for conveyors and large machinery.

Rope Pull E-Stop Devices

Model	Maximum Rope Length	Safety Contacts	Auxiliary Contacts	Actuation	Housing Material
RP-RM83	38 m 75 m	2 NC in	2 NO in	Latch	Metal, IP67
RP-LS42	25 m 37.5 m 75 m	2 NC in	2 NO in	Latch	Plastic

Rope Pull Switches

Model	Maximum Rope Length	Safety Contacts	Auxiliary Contacts	Actuation	Housing Material
RP-QM72	6 m 12 m 20 m	2 NC in	/	Latch	Metal
RP-QMT72	12 m	4 NC in 2 NC in	/ 1 NO in	Latch	Metal
RP-LM40	6 m	2 NC in	/	Trip & Latch	Metal
RP-QM90	100 m (50 m each side)	2 NC in	2 NO in	Latch	Metal

Components for Wire Rope Assembly

RPA-C	RPA-T	RPA-CC	RPA-TA	RPA-EB	RPA-P	RPA-S
■ Wire Ropes	■ Thimbles	■ Clamps	■ Turnbuckles	■ Eye Bolts	■ Pulleys	■ Tensioning Springs

Hardware kits are available (RPAK)

Enabling Devices

A two-hand control safeguarding system will prevent the operator from approaching the machine while a hazard is present. Duo-Touch Run Bar provides an all-in-one solution. Operators can touch the Safety Touch Buttons on either side of the run bar to start or stop a process, or press the E-Stop button to completely halt the assembly line.

Manually operated safety control devices which, when continuously activated and used in conjunction with a separate actuating control, will allow the machine to function in manual operating mode. The handheld grip-styled switch is used for manual control of machine functions, including visual observations, minor adjustments, calibration and more.

Two-Hand Control

STB Self-Checking Touch Buttons				
Model	Connection	Touch Surface Material	Output	Power Supply
STBVP6	2 m cable	Polyetherimide (PEI)	Solid-state 2 Complementary PNP (1 ON, 1 OFF)	10-30V dc
STBVP6Q5	4-pin M12 QD			
STBVR81	2 m cable	Polyetherimide (PEI)	E/M Relay 2 Complementary SPST (1 NC, 1 NO)	20-30V ac/dc
STBVR81Q6	5-pin M12 QD			
STB buttons include yellow field cover to prevent unintended switching. To comply to safety standards, STB buttons must be used with appropriate Two-Hand control modules, SC26, XS26 or SC10 Safety Controller or comparable Type IIIC Two-Hand system.				

DUO-TOUCH Two-Hand Control Kits with STB Touch Buttons 2 NO Safety Outputs, no auxiliary outputs, 24V ac/dc power supply, meets Cat 4 and Type IIIC					
Kit	Module	IP Rating	STB Buttons (2 pieces)	IP Rating	Connection
ATK-VP6	AT-FM-10K	IP20	STBVP6	IP66	2 m cable
ATK-VP6Q5	AT-FM-10K	IP20	STBVP6Q5	IP66	4-pin M12 QD
Kit does not include run bar					

Brackets

SMBAMS30P

SMBAMS30RA
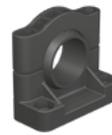
SMB30SC

Enabling Devices

Two Hand Control Run Bars

Run Bars with STBVP6		
Model	**Connection**	**E-Stop**
STBVP6-RB2	Terminal strip	Not included
STBVP6-RB2Q8	8-pin 7/8 QD	Not included
STBVP6-RB2E02	Terminal strip	SSA-EBM-02L

Telescopic stands for Run Bars

STBA-RB2-S1
- Floor mounted

STBA-RB2-S2
- Freestanding

Brackets for Run Bars

STBA-RB2-MB1   STBA-RB2-MB2   STBA-RB2-MB3

Enabling Devices

ED1G Enabling Devices		
Model	**Contact Configuration**	**Momentary Push Button**
ED1G-L21SM-1N	2 NO & 1 NC Aux	/
ED1G-L21SMB-1N	2 NO & 1 NC Aux	1 NO
ED1G-L20MB-1N	2 NO	2 NO