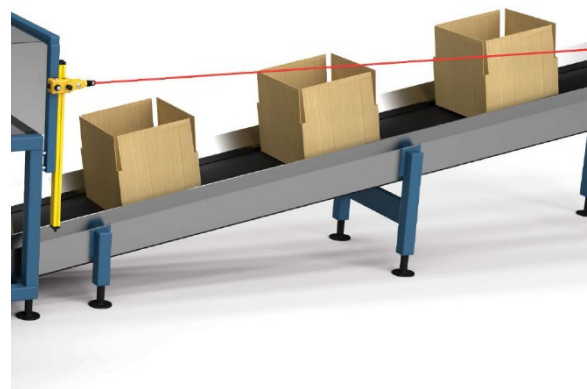


SAFETY PRODUCTS

Rope Pull Emergency Stop Solution

LineStrong, Sentry and AFS Safety Contactors

- Easy to reach the highest safety level
- Simple and robust solution
- Easy to install



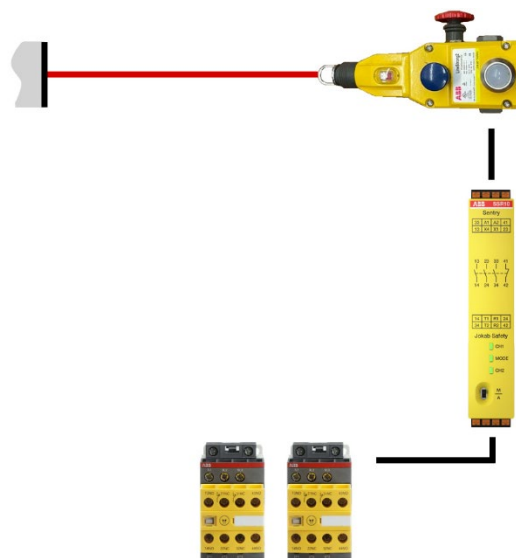
Application

For conveyor belts and longer machine lines where there is a need to be able to stop the machine at all locations, a rope pull emergency stop switch is a practical solution instead of having multiple emergency stops.

The dangerous machine function can be stopped by pulling anywhere along the rope connected to the switch, or by pressing on the emergency stop button on top of the switch. A Sentry safety relay is used to monitor the emergency stop and controlling/monitoring the two redundant contactors that cuts the power to the machine.

Functional safety level

The solution fulfills up to Category 4, PL e according to EN ISO 13849-1 and up to SIL 3 according to EN 62061.





LineStrong 2



Rope Kit



1/2 NPT Cable Gland



SSR10



AFS Safety Contactor

Ordering Information LineStrong

Description	Material Housing	Max Length 1 unit	Max Length 2 units	Order code
Linestrong 1, 1/2 NPT, 2NC/2NO, 24VDC LED	Die Cast	30m	50m	2TLA050200R1232
Linestrong 2, 1/2 NPT, 2NC/2NO, 24VDC LED	Die Cast	60m	80m	2TLA050202R1232
Linestrong 3D, 1/2 NPT, 2NC/2NO, 24VDC LED	Die Cast	100m	125m	2TLA050204R1232
Linestrong 3L, 1/2 NPT, 2NC/2NO, 24VDC LED	Die Cast	100m	125m	2TLA050206R1232
Linestrong 3R, 1/2 NPT, 2NC/2NO, 24VDC LED	Die Cast	100m	125m	2TLA050208R1232

NOTE: Emergency stop ordered separately, alternate models available including stainless steel housing (Z models), LineStrong 3D model is a dual wire model allow multiple rope pulls to be put in series to cover a large span.

Additional information can be found in [LineStrong 1](#), [Linestrong 2](#), [Linestrong 3D](#) and [Linestrong 3L/R](#) data sheets.

Accessories

Description	Material Housing	Order code
1/2 NPT Cable Gland	Stainless Steel	2TLA050040R0001
5M Rope Kit, Galvanized with Allen Key	Galvanized Steel	2TLA050210R0030
10M Rope Kit, Galvanized with Allen Key	Galvanized Steel	2TLA050210R0130
15M Rope Kit, Galvanized with Allen Key	Galvanized Steel	2TLA050210R0230
20M Rope Kit, Galvanized with Allen Key	Galvanized Steel	2TLA050210R0330
30M Rope Kit, Galvanized with Allen Key	Galvanized Steel	2TLA050210R0430
50M Rope Kit, Galvanized with Allen Key	Galvanized Steel	2TLA050210R0530
80M Rope Kit, Galvanized with Allen Key	Galvanized Steel	2TLA050210R0630
100M Rope Kit, Galvanized. with Allen Key	Galvanized Steel	2TLA050210R0730
126M Rope Kit, Galvanized with Allen Key	Galvanized Steel	2TLA050210R0830
Rope Tensioner, Galvanized	Galvanized Steel	2TLA050210R4030
Eyebolt M8x1.25, Galvanized	Galvanized Steel	2TLA050210R8030
Pully, Galvanized	Galvanized Steel	2TLA050210R6030
LED Green/Red 24 VDC	Galvanized Steel	2TLA050211R0001
Safety Spring. 220mm long	Stainless Steel	2TLA050211R0004
E-Stop Button	Galvanized Steel	2TLA050211R0005
Anti-Tamper, Torx T20	Galvanized Steel	2TLA050211R0006
Flexible Roller with Adjustment	Stainless Steel	2TLA858006R1300

NOTE: Stainless steel rope pull kits also available. Rope pull kits come with rope, tensioner(s), proper number of eyebolts and quick-link

Additional information can be found in the [Linestrong Product Manual](#).

Ordering Information Sentry Safety Relay.

Description	Order code
SSR10 - Single function safety relay with screw terminals	2TLA010050R0000
SSR10P - Single function safety relay with push-in terminals	2TLA010050R0001

Additional information can be found in the [Sentry Safety Relay](#) data sheet. Wiring can be found in the [Sentry Wiring Examples](#).

Safety Contactors

The AFS contactors are dedicated for safety applications. See [product sheet](#) for range and selection.

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