Emergency Cable Pull Switches

ZQ700
up to 10 M

ZQ900
up to 75 M

T3Z 068
Bi-directional,
up to 50 M
both directions

Applications

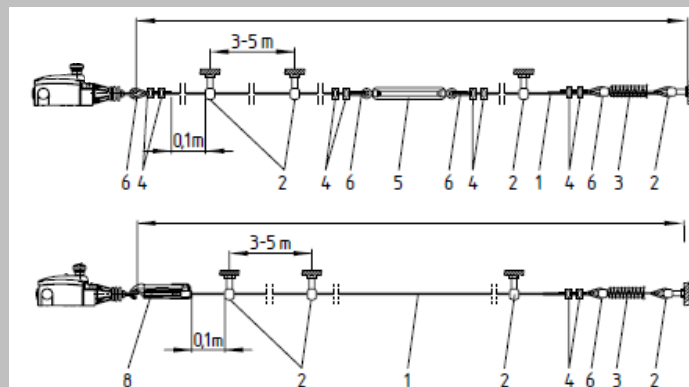- Conveyors
- Packaging
- Transfer Machines
- Wood Working Equipment
- Textiles
- Presses

Available Literature

Machine Guarding Safety Products
GK-1 Catalog | 11th edition

SCHMERSAL

GK-1 Machine Guarding
Safety Products Catalog
Section 2

Overview

Emergency Cable Pull Switches are designed to provide continuous emergency stop control along exposed areas of machinery and conveyors which present hazards to operator/maintenance personnel. As such, they can fulfill the requirements of having a means of an emergency shutdown at every area where a work related task is being preformed. Unlike isolated E-Stop pushbuttons, emergency cable-pull systems can be actuated at any point along the "trip wire".

Schmersal emergency cable pull switches feature the required reset function, double-break contact blocks offering a choice of several contact variations, optional integrated E-Stop palm button and the required means of tension monitoring. Once the trip wire is tensioned, the switch will initiate an emergency shutdown if an operator falls into, is pulled into, or pulls on the trip wire and will also fail to safe if the cable is cut or goes slack.

The compact ZQ700 is capable of spanning lengths of up to 10 meters. The rugged ZQ900 is capable of spanning lengths of up to 75 meters and features an optional integrated E-Stop pushbutton. The T3Z068 is a heavy duty bidirectional model, allowing for 50 M in both directions and has either a pull ring or keyed reset.

Cable Pull Accessories

1	Wire rope	(STQ441-SC)	5	Tensioner	(STQ441-TB)
2	Eyebolt	(STQ441-EB)	6	Wire thimble	(STQ441-TH)
3	Spring	(STQ441-SS)	7	Shackle	(S900-SH)
4	Wire clamp	(STQ441-CC)	8	Rope tensioner	(S900)

Ordering Details

ZQ700-①

① Contacts:
11	1 NO & 1 NC
02	2 NC

ZQ900-①-②

① Contacts:
11	1 NO & 1 NC
13	1 NO & 3 NC
22	2 NO & 2 NC
02	2 NC
04	4 NC

② Emergency Stop pushbutton:
Blank	without E-Stop button
N	with E-Stop button

T3Z068-①YR②③

① Contacts:
11	1 NO & 1 NC
22	2 NO & 2 NC
33	3 NO & 3 NC

② Reset Type:
Blank	Pull ring reset
S	Key reset

③ Indicator Lamp :
Blank	without indicator lamp
G	with indicator lamp

Accessories

STQ441-SC	Wire rope (red)
S900	Rope tensioner
S900-SH	Shackle
STQ441-EB	Eyebolt
STQ441-SS	Spring
STQ441-CC	Wire clamp
STQ441-TB	Tensioner
STQ441-TH	Wire thimble
STQ441-PU	Pulley
PL-M20-24V	Signal lamp
PL-M20-120V	Signal lamp

Contact us for information on customizing a complete cable pull system - a preassembled kit which will include the cable pull switch, cable cut to length, and all the accessories needed for installation.

Contact

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