

乐清市乾正电气有限公司制造



双向拉绳开关
E系列 手动复位型

QZ-EBBC-ESA 一开一闭
QZ-EBBC-ESB 二开二闭



双向拉绳开关
F系列 手动复位型

QZ-EBBC-FSA 一开一闭
QZ-EBBC-FSB 二开二闭



双向拉绳开关
G系列 手动复位型

QZ-EBBC-GSA 一开一闭
QZ-EBBC-GSB 二开二闭



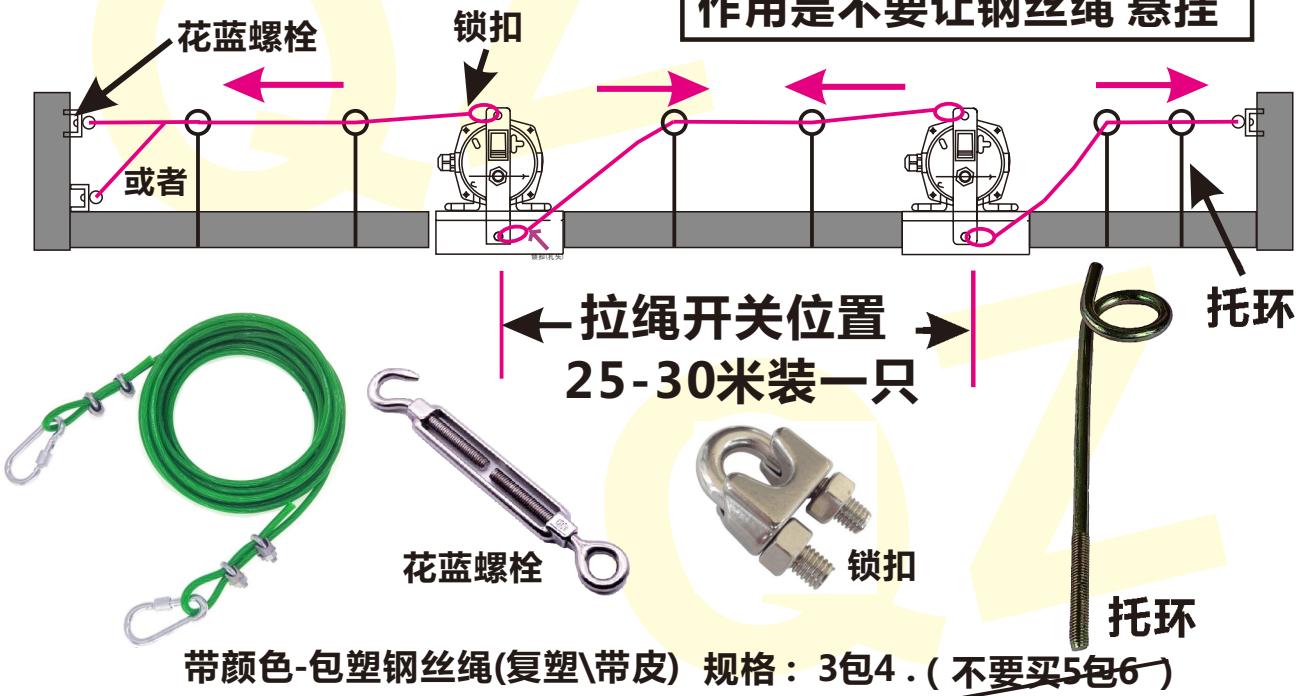
双向拉绳开关
F系列 自动复位型

QZ-EBBC-FMA 一开一闭
QZ-EBBC-FMB 二开二闭

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E 系列产品

举例安装示意



■ 概述

拉绳开关 广泛用于钢铁、水泥、电厂、矿山等具有带式输送机的厂矿，该产品安装在胶带输送机两侧，是用于胶带输送机紧急事故停机的一种保护开关，在开关操作距离内任何一点拉动钢丝绳，切断运行电路使全线停机，实现对胶带机及人身安全的保护。

■ 技术规格

动作角度：25-30（用户可调）

触点数量：1个常开；1个常闭（出厂标准）
2个常开；2个常闭（订货前说明）

动作力：4-10 N

触点容量：24~380VAC/DC电流10A

防护等级：IP67

可靠性：> 50万次

环境温度：-30°C - +60°C

相对湿度：不大于85%

■ 工作原理

当胶带运输现场发生紧急事故时，拉动系在吊耳上的钢丝绳，是机内的滑块与开关作用，发出停机信号。

手动型带自锁保护(自动型在钢丝绳松开后自动回复)，在事故排除后按下限位杆方能复位；使用寿命长；密封性好，具有防尘、防震、防腐等优点；机壳采用铸铝铸造，重量轻、硬度强。

■ 安装与使用

- 开关平稳地安装在机架固定支架上。
- 将钢丝绳系在两端拉环上，每侧绳长不超过40米
(有坡度时应缩短为25米)
- 拉绳动作力应适宜，以确保开关可靠复位。
- 钢丝绳沿胶带平行方向设置，每10米加一吊环。
- 安装支架不随开关提供，需另购买；安装支架样式、开关点数量、可根据用户要求定制



触点：无源点 400V/10A



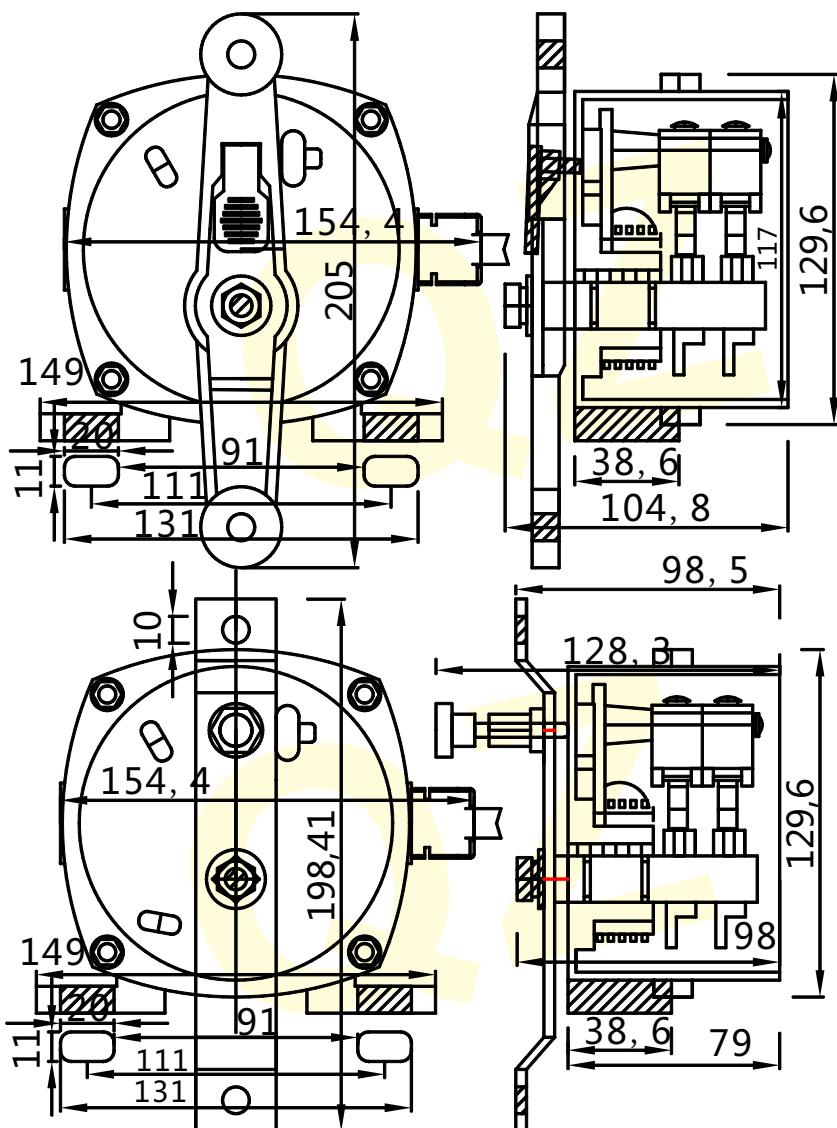
上图为一开一闭



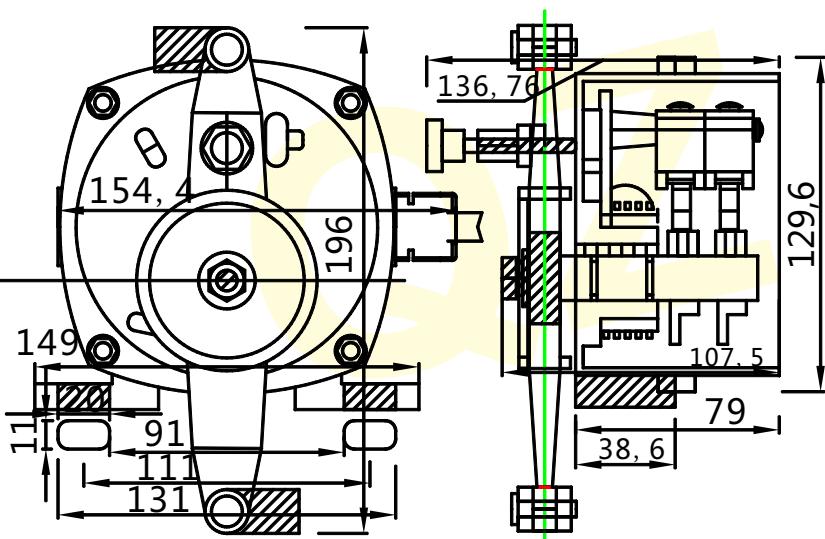
上图为二开二闭

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■ 外形尺寸图



E 系列尺寸



G 系列尺寸

单位: mm

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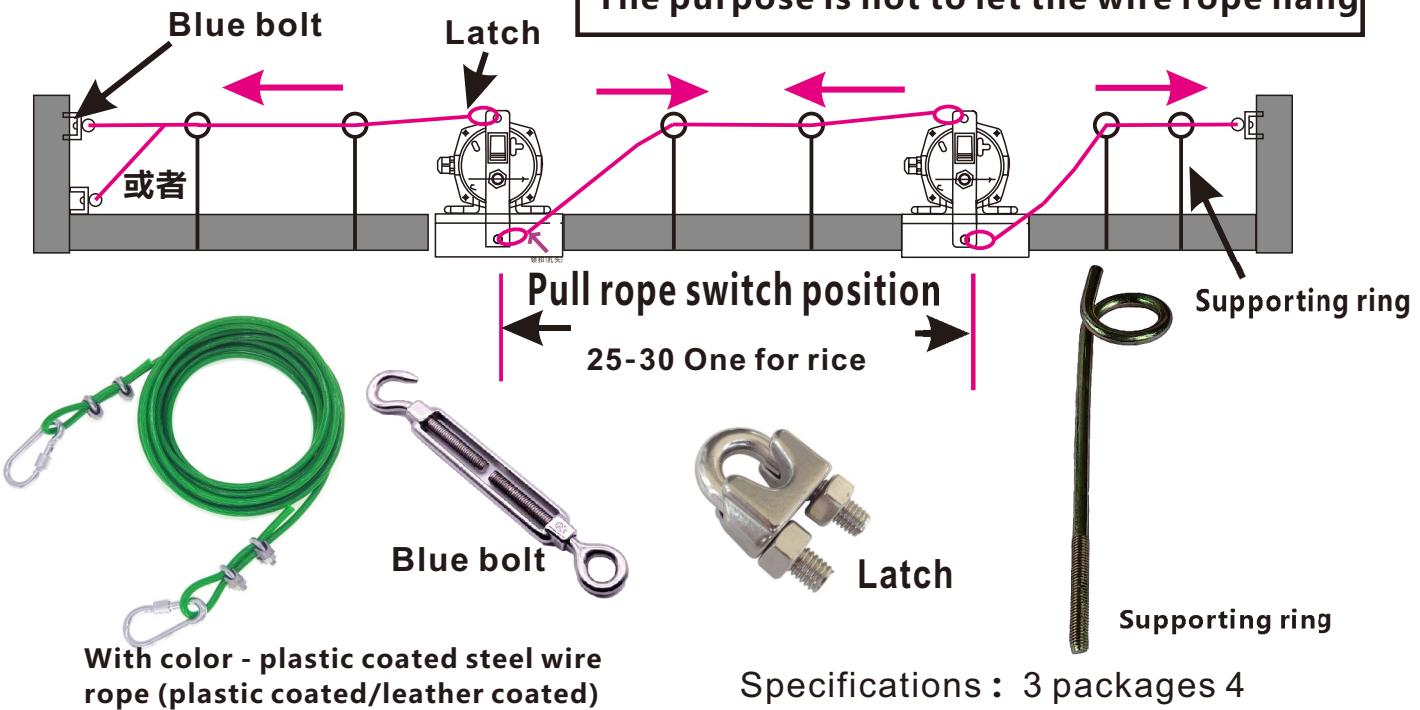
网 址 : www.cnqzdq.com

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YUEQING CITY QIANZHENG ELECTRIC CO., LTD.

Two-way pull rope switch

Example installation diagram



Specifications : 3 packages 4

■ Summary

Pull rope switch is widely used in steel, cement, power plants, mines and other plants and mines with belt conveyors. The product is installed on both sides of the belt conveyor. It is a protective switch for emergency shutdown of the belt conveyor. Pull the wire rope at any point within the operating distance of the switch, cut off the operating circuit to stop the whole line, and realize the protection of the belt conveyor and personal safety.

■ Technical specifications

Action angle: 30
 Number of contacts: 1 normally open; 1 normally closed (factory standard) 2 normally open; 2 normally closed (description before ordering)

Action force: 4-10 N
 Contact capacity: 24~380VAC/DC current 10A

Protection grade: IP67

Reliability: > 500000 times

Ambient temperature: -30°C ~ +60°C

Relative humidity: no more than 85

■ Working principle

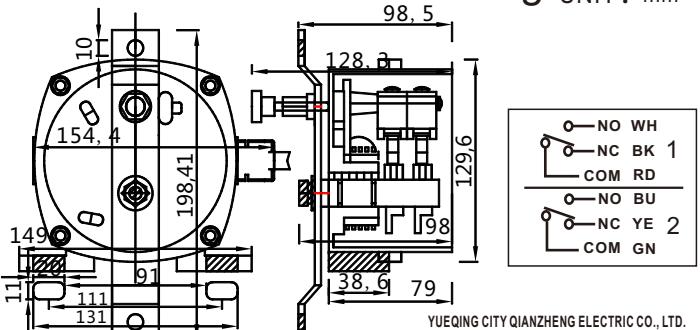
When an emergency occurs at the belt transportation site, pull the wire rope tied to the lifting lug, which is the action of the sliding block and switch in the machine, and send a stop signal

The manual type is equipped with self-locking protection (the automatic type will automatically recover after the wire rope is released), and can be reset only after the accident is eliminated by pressing the lower limit lever; Long service life; Good sealing performance, with the advantages of dustproof, shockproof and anti-corrosion; The casing is made of cast aluminum with light weight and strong hardness.

■ Installation and use

- The switch is installed on the fixed bracket of the frame smoothly.
 - Tie the wire rope on the pull rings at both ends, and the rope length on each side shall not exceed 40 meters (When there is a slope, it should be shortened to 25 meters)
 - The action force of the pull rope shall be appropriate to ensure the reliable reset of the switch.
 - The steel wire rope is arranged along the parallel direction of the belt, and a lifting ring is added every 10 meters.
- The mounting bracket is not provided with the switch and needs to be purchased separately; Installation bracket style, number of switch points, can be customized according to user requirements

■ Outline dimension drawing UNIT: mm



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