

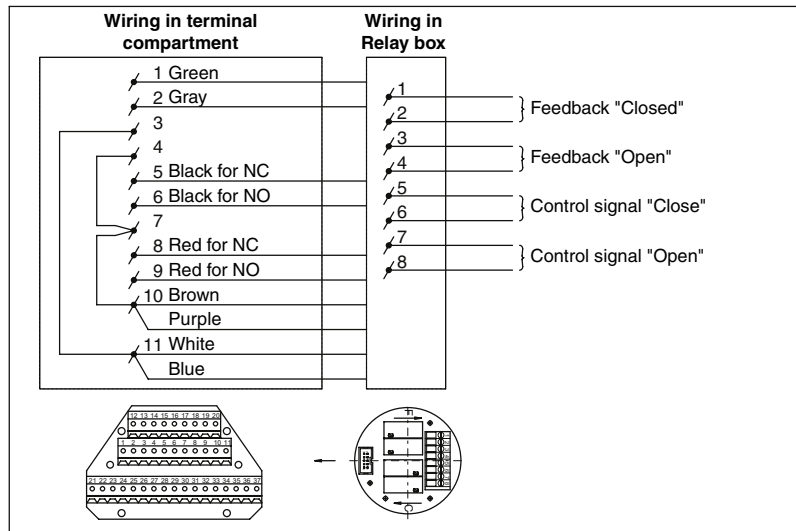
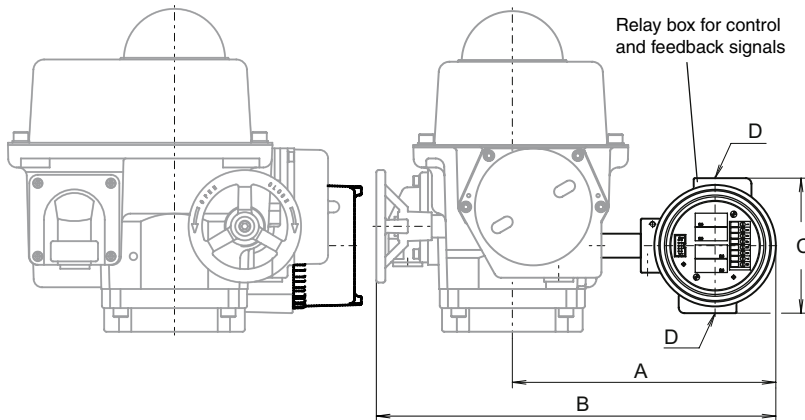
Data sheet

Sheet No.: 5.310 Rev. A

Date: November 2009

ELQ ELECTRIC ACTUATOR WITH RELAY BOX

Q-RB



Dim in mm.	ELQ100	ELQ200	ELQ300	ELQ500	ELQ800
A	205	205	205	258	258
B	323	361	361	477	514
C	120	120	120	120	120
D	2x M20x1.5	2x M20x1.5	2x M20x1.5	2x M20x1.5	2x M20x1.5

Description

This option provides two sets of relays for controlling and position indication of an ELQ electric actuator. These relays are suitable for high voltages or amperages, for instance 24VDC/5A, 48V/5A, 110V/2A or 220V/10A.

Construction

The relays are mounted in a relay box on the side of the ELQ-actuator. The relay box is connected to the terminal compartment by a pipe connection.

Control and feedback signals from the remote control system can be connected to the terminals in this box. The wiring of the relay box can be connected to the terminal compartment for 24V power supply, control and feedback signals.

Specifications

Relay type	: Silver nickel contact
Control and feedback signal voltages	: 24 VDC - 1200Ohm : 48 VDC - 4170Ohm : 115 VAC - 50/60Hz : 230 VAC - 50/60Hz
Current max.	: 10A
Electrical entry	: 2x M20x1.5, option 1/2"NPT
Finish	: Two component polyurethane coating
Temperature	: -20° to +70°C
Enclosure	: IP67 (IEC 529)
Housing	: Aluminum alloy
Cover	: Aluminum alloy

Explosion proof

- FM Certificate	: Class 1, Div. 1, Groups C/D, NEMA 4 : Factory Mutual Approval report J.I. 3D6A1.AE
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Identification

Factory option	: Add "+ Q-RB-WP" or "+ Q-RB-XP" and voltage to the basic actuator size, e.g. ELQ100 + Q-RB-WP / 230 VAC
Kit option	: Actuator size, electrical entry dimension and voltage are added to: "Kit Q-RB-WP" e.g. Kit Q-RB-WP / ELQ100 / 1/2"NPT / 115 VAC : Note: Explosion Proof version only as factory option available

Options

Other voltages, Q-XS2 for extra feedback signals

EL-O-MATIC™

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