

# Control and signalling devices

Control device system Series ConSig 8150

OFF-ON selector switch

8150/5-0176-0116-091-3311-C2434 Art. No. 285441



- Quad certified control stations (NEC®, CE Code, ATEX, IECEx)
- Enclosure made of stainless steel 1.4404 (AISI 316L) for excellent corrosion resistance
- The cover is equipped with a screw-on cover
- Offers a variety of pushbuttons, illuminated pushbuttons, control switches and LEDs for different configurations
- Customizable control stations available upon request with different entry, contact options and additional certifications

## MY R. STAHL 8150R



R. STAHL Series 8150 control stations are made of brushed stainless steel 1.4404, AISI 316L and utilizes explosion-protected components for the ultimate flexibility, safety, and durability in hazardous and hostile locations. The high-quality sealing materials make them suitable for an extended temperature range and a circumferential protection channel prevents ingress of water. Choose from one of the standard versions or contact us for a customised solution.

## Technical Data

### Explosion Protection

|                                 |  |
|---------------------------------|--|
| Area of application             | European Union (ATEX)<br>Canada<br>IECEX<br>USA  |
| Application range (zones)       | 1, 2, 21, 22   |
| IECEX gas certificate           | IECEX PTB 09.0049  |
| IECEX gas certificate           | IECEX PTB 09.0049  |
| IECEX gas explosion protection  | Ex db eb IIC T6 Gb   |
| IECEX dust certificate          | IECEX PTB 09.0049  |
| IECEX dust explosion protection | Ex tb IIIC T80 °C Db   |
| ATEX gas certificate            | PTB 09 ATEX 1109   |
| ATEX gas certificate            | PTB 09 ATEX 1109   |
| ATEX gas explosion protection   | ⊕ II 2 G Ex db eb IIC T6 Gb  |
| ATEX dust certificate           | PTB 09 ATEX 1109   |
| ATEX dust explosion protection  | ⊕ II 2 D Ex tb IIIC T80 °C Db  |
| Certificate ULus                | E182378V1S5  |
| Marking ULus                    | Class I, Div. 2, Groups A,B,C,D<br>Class II, III, Div. 2, Groups F,G<br>Class I, Zone 1, AEx db eb IIC T6<br>Enclosure Type 3, 4, 4X |
| Certificate cUL                 | E182378V1S5  |
| Marking cUL                     | Ex db eb IIC T6<br>Class I, Div. 2, Groups A,B,C,D<br>Class II, III, Div. 2, Groups F,G<br>Enclosure Type 3, 4, 4X                   |
| Certificates                    | ATEX (PTB), Canada (UL), IECEx (PTB), USA (UL)   |

### Electrical Data

|                              |             |
|------------------------------|-------------|
| Rated operational voltage AC | 0 ... 550 V |
|------------------------------|-------------|

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## Electrical Data

|                                 |       |
|---------------------------------|-------|
| Rated operational voltage AC UL | 600 V |
| Rated operational current       | 6 A   |
| Rated operational current UL    | 10 A  |

## Ambient Conditions

|                     |                    |
|---------------------|--------------------|
| Ambient temperature | -50 °C ... 60 °C   |
| Ambient temperature | -58 °F ... +140 °F |

## Mechanical Data

|                               |   |
|-------------------------------|---|
| Degree of protection (IP)     | IP66  |
| Degree of protection (IP) UL  | IP66  |
| Enclosure type (UL50 & UL50E) | 3, 4, 4X  |
| Enclosure material            | Stainless steel 1.4404, (AISI 316L), brush finished |
| Silicone-free                 | No  |
| Clamping range AWG            | 14 AWG  |
| Connection cross-section max. | 2.5 mm <sup>2</sup>                                 |
| Cover fixing type             | With captive screws, M6 stainless steel screws      |
| Width                         | 116.5 mm  |
| Width, inches                 | 4.587 in  |
| Height                        | 176.5 mm  |
| Height in inches              | 6.945 in  |
| Depth                         | 91 mm   |
| Depth in inches               | 3.583 in  |
| Seal                          | Silicone, foamed                                    |
| Weight                        | 2.45 kg   |
| Weight                        | 5.4 lb  |

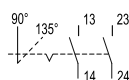
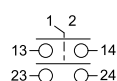
## Mounting / Installation

|   |             |
|---|-------------|
| Tightening torque of cover screw 1        | 4.5 N · m   |
| Tightening torque of cover screw 1 lbf in | 35.4 lbf in |

## Components

|                              |  |
|------------------------------|--|
| Installation position middle | Small handle, With silicone seal       |
| Built-in element middle      | Contact element NO/NO                  |
| Flange and plates            | Without flange                         |
| Entry type                   | CMP adaptor                            |
| Entry 1                      | 1 x CMP-737D M25-NPT 3/4"<br>737DM3T25 |
| Entry 1 type                 | Metal adaptor                          |
| Metal entry possible 1       | Yes                                    |

## Technical Drawings – Subject to Alterations



# Control and signalling devices

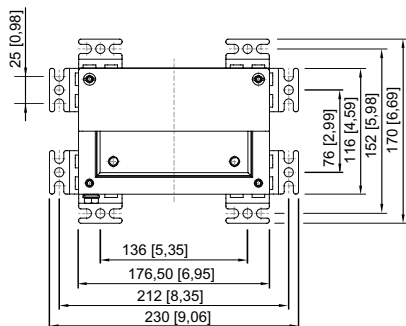
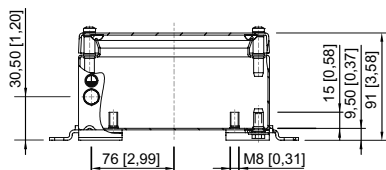
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## Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.