

Control and signalling devices

Control device system Series ConSig 8150

HAND-0-AUTO selector switch

8150/5-0176-0116-091-3311-C2426    Art. No. 285433



- 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 explosion protection  | Ex db eb IIC T6 Gb                                                                                                                   |
| IECEx dust certificate          | PTB 09 ATEX 1109                                                                                                                     |
| IECEx dust explosion protection | Ex tb IIIC T80 °C Db                                                                                                                 |
| 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                                                                                                                          |
| Rated operational voltage AC UL | 600 V                                                                                                                                |
| Rated operational current       | 6 A                                                                                                                                  |

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STAHL

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## Electrical Data

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 2.47 kg

Weight 5.45 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, HAND-0-AUTO (2x 45°), 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"  
737DM3T25

Entry 1 type Metal adaptor

Metal entry possible 1 Yes

## Technical Drawings – Subject to Alterations



# Control and signalling devices

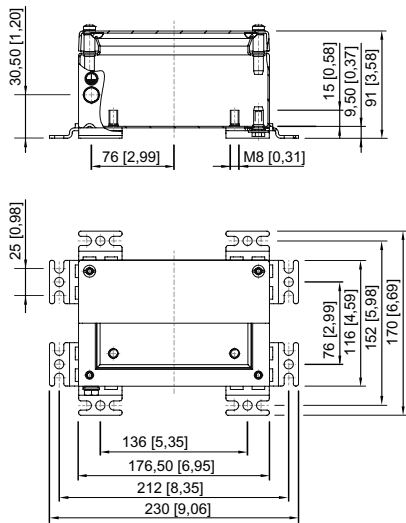
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## Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



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.