

Control and signalling devices



Control device system Series ConSig 8150
2-pole control switch with switch insert 8008
8150/5-V40-12E0X-31I06SF12 Art. No. 301294



- Control stations with quadruple certification (NEC®, CE Code, ATEX, IECEx)
- Several assembly positions for effortless integration with existing wall mountings, which ensure compatibility with a wide range of products
- 316L stainless steel enclosure for excellent resistance to corrosion
- Offers a large number of pushbuttons, illuminated pushbuttons, control switches and LEDs for various configurations
- Customer-specific control stations are available upon request with various cable glands, contact options and additional certifications

MY R. STAHL 8150P

R. STAHL's device control system in the Universal Mounting Series 8150/5-V40 uses explosion-protected components with enclosures made of 316L stainless steel for ultimate flexibility, safety and durability in hazardous and hostile environments. The integrated mounting plate offers various mounting options for simple installation.

Technical Data

Explosion Protection

| | |
|---------------------------------|--|
| Area of application | European Union (ATEX) Canada IECEx 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 | IECEx PTB 09.0049 |
| 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 Class II, III, Div. 2, Groups F,G Class I, Zone 1, AEx db eb IIC T6 Enclosure Type 3, 4, 4X |
| Certificate cUL | E182378V1S5 |
| Marking cUL | Ex db eb IIC T6 Class I, Div. 2, Groups A,B,C,D Class II, III, Div. 2, Groups F,G Enclosure Type 3, 4, 4X |
| Certificates | ATEX (PTB), Canada (UL), IECEx (PTB), India (PESO), USA (UL) |
| Notes | Product label may vary. Series devices are labelled with ATEX, IECEx, NEC® and CE Code. |

Electrical Data

| | |
|---------------------------|-----|
| Rated operational current | 6 A |
|---------------------------|-----|

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Electrical Data

| | |
|--|--|
| Rated operational voltage AC | IEC: 550 V NEC®, CE Code: 600 V |
| Rated operational power max. NEC, CE Code | 720 VA |
| Notes | Depending on the installed components. |

Ambient Conditions

| | |
|------------------------|--------------------|
| Ambient temperature °C | -50 °C ... +60 °C |
| Ambient temperature °F | -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 |
| Connection cross-section max. | 2.5 mm ² |
| Solid connection cross section | 0.32 – 2.5 mm ² |
| Connection cross-section AWG single stranded | 22 AWG ... 14 AWG |
| Finely stranded connection cross section | 0.32 – 2.5 mm ² |
| Finely stranded connection cross-section AWG | 22 AWG ... 14 AWG |
| Cover fixing type | With captive screws, M6 stainless steel screws |
| Width | 136 mm |
| Width, inches | 5.35 in |
| Height | 136 mm |
| Height in inches | 5.35 in |
| Depth | 72 mm |
| Depth in inches | 2.76 in |
| Seal | Silicone, foamed |
| Weight | 2.4 kg |
| Weight | 5.3 lb |

Mounting / Installation

| | |
|---|-------------|
| Tightening torque of cover screw 1 | 4.5 Nm |
| Tightening torque of cover screw 1 lbf in | 35.4 lbf in |

Components

| | |
|--|--|
| Installation position middle | Large handle, HAND-0-AUTO (2x 45°), With silicone seal |
| Built-in element middle | Control switch 027 |
| Number of poles in built-in element, center position | 2 |
| Cable glands and entries | NPT 3/4 |
| Entry type | CMP adaptor |
| Entry 1 | 1 x CMP-737D M25-NPT 3/4" 737DM3T25 |
| Entry 1 type | Metal adaptor |
| Entry 1 | NPT 3/4" |
| Metal entry possible for entry 1 | Yes |

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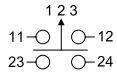


Control device system Series ConSig 8150

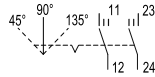
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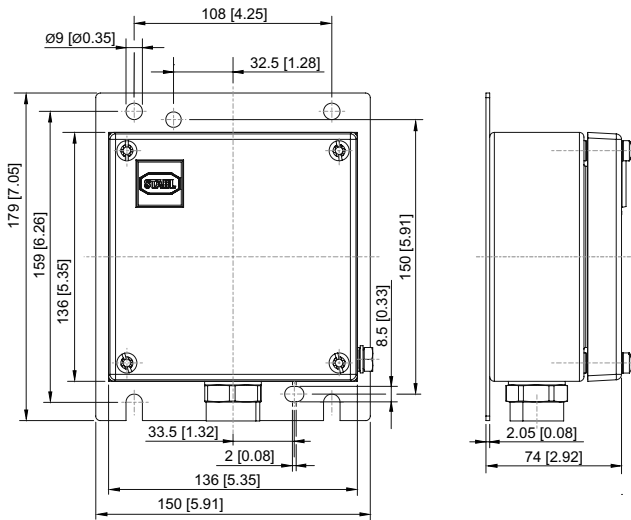
Technical Drawings – Subject to Alterations



| | | |
|------|----|----|
| | 11 | 23 |
| 45° | X | |
| 90° | | |
| 135° | X | |
| | 12 | 24 |



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.