

Control Devices

Control device system ConSig 8040 series

Pushbutton

8040/11E8X-01L09SA01 Art. No. 287003

STAHL

ConSig



- Quad certified control stations (NEC®, CE Code, ATEX, IECEX)
- Lightweight enclosure made from fiberglass reinforced polyester (FRP), excellent for corrosive atmospheres
- 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 8040E



R. STAHL's series 8040 NEC®/ CE Code control stations utilize explosion-protected components with non-metallic enclosures for the ultimate flexibility, safety and durability in hazardous and hostile locations. Choose from one of the standard versions or contact us for a customized solution.

Technical Data

Explosion Protection

| | |
|---------------------------------|---|
| Scope of validity | European Union (ATEX) Canada IECEX USA |
| Application range (zones) | 1 2 21 22 |
| IECEX gas certificate | IECEX PTB 06.0025 |
| IECEX gas explosion protection | Ex db eb IIC T6 Gb |
| IECEX dust certificate | IECEX PTB 06.0025 |
| IECEX dust explosion protection | Ex tb IIIC T80 °C Db |
| ATEX gas certificate | PTB 01 ATEX 1105 |
| ATEX gas explosion protection | ⊕ II 2 G Ex db eb IIC T6 Gb |
| ATEX dust certificate | PTB 01 ATEX 1105 |
| 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, 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, F, G Enclosure Type 3, 4, 4X |
| Certificates | ATEX (PTB), Brazil (ULB), Canada (UL), China (NEPSI), IECEX (PTB), India (PESO), Korea (KGS), Taiwan (ITRI), USA (UL) |
| Ship approval | DNVGL |

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Explosion Protection

| | |
|-------|--|
| Notes | Product label for standard configurations as NEC®, CE Code, ATEX, and IECEx. For additional certifications, contact factory. |
|-------|--|

Electrical Data

| | |
|------------------------------|-------|
| Rated operational voltage AC | 550 V |
| Rated operational current | 10 A |

Ambient Conditions

| | |
|---------------------|--------------------|
| Ambient temperature | -50 °C ... +40 °C |
| Ambient temperature | -58 °F ... +104 °F |

Mechanical Data

| | |
|--|--|
| Degree of protection (IP) | IP66 |
| Degree of protection IP (IEC 60529) | IP66 |
| Enclosure Type (UL50 & UL50E) | 3, 4, 4X |
| Enclosure material | Polyester resin, Glass fibre reinforced |
| Enclosure colour | Dark grey |
| Silicone-free | No |
| AWG clamping range | 14 AWG |
| 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 to 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, M4 stainless steel screws |
| Width | 80 mm |
| Width, inches | 3.15 in |
| Height | 93 mm |
| Height, inches | 3.66 in |
| Depth | 72 mm |
| Depth, inches | 2.76 in |
| Seal | Silicone, foamed |
| Weight | 720 g |
| Weight | 1.59 lb |

Mounting / Installation

| | |
|---|-------------|
| Tightening torque of cover screw 1 | 1.4 Nm |
| Tightening torque of cover screw 1 lbf in | 12.4 lbf in |

Components

| | |
|------------------------------|--|
| Installation position middle | Pushbutton, Red - "STOP", With silicone seal |
| Built-in element middle | Contact element NC |
| Flange and plates | Metal plate, bottom |
| Entry type | CMP |
| Entry 1 type | Metal adapter |
| Entry 1 | NPT 3/4" |
| Metal entry possible 1 | Yes |

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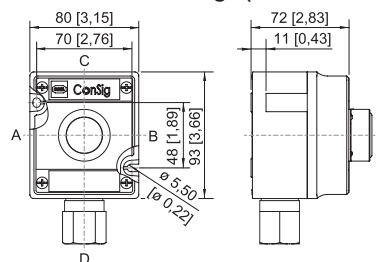
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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



ConSig 8040/11E

Accessories

Pushbutton BG001



Ø 39 mm
Black
Designation plate: Black, blank disc without text
Silicone-free: No

Art. No.

223692

Spare Parts

Label holder



Size 1, without insert disc, 1-line label
for actuators Ø 39

Art. No.

223566



Size 2, without insert disc, 1- or 2-line label
for actuators Ø 39

223567



Size 3, without insert disc, 1-, 2- or 3-line label
for actuators Ø 39

223568

Locking devices



8602C3-753 for not actuated pushbutton
BG001

Art. No.

244870



8602C3-754 for actuated pushbutton
BG001

244871



8602C3-755 for not actuated pushbutton
BG001

244872

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Special key

Art. No.



for tightening plastic locking nut

169101

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