

# Control and signalling devices

## Control device system ConSig 8040 series



ConSig

8040/1118X-15L07SA05 Art. No. 282437



- Flexible: modular structure and 3 sizes enable customer-specific versions
- Lightweight enclosure made from glass fibre reinforced polyester resin (GRP), suitable for shipping industry and offshore

MY R. STAHL 8040B



With the R. STAHL Series 8040 control device system, you can get a clear overview of the control devices. The 3 combinable design sizes and the modular structure offer flexibility. You can choose from one standard version and customised variants. The 8208 contact elements monitor the systems for wire breakage and short circuit. The 8208 contact elements monitor the systems for wire breakage and short circuit.

### Technical Data

#### Explosion Protection

|                                 |   |
|---------------------------------|---|
| Scope of validity               | European Union (ATEX)<br>IECEX  |
| Application range (zones)       | 1, 2, 21, 22  |
| IECEX gas certificate           | IECEX PTB 06.0025   |
| IECEX gas explosion protection  | Ex db eb IIC T6 / T5 Gb   |
| IECEX dust certificate          | IECEX PTB 06.0025   |
| IECEX dust explosion protection | Ex tb IIIC T80 °C / T95 °C Db   |
| ATEX gas certificate            | PTB 01 ATEX 1105  |
| ATEX gas explosion protection   | ⊕ II 2 G Ex db eb IIC T6 / T5 Gb  |
| ATEX dust certificate           | PTB 01 ATEX 1105  |
| ATEX dust explosion protection  | ⊕ II 2 D Ex tb IIIC T80 °C / T95 °C Db  |
| Certificates                    | ATEX (PTB), Brazil (ULB), Canada (UL), China (NEPSI), IECEX (PTB), India (PESO), Korea (KGS), Taiwan (ITRI), USA (UL) |
| Ship approval                   | DNVGL   |
| Declaration of Conformity       | ATEX (EUK), China (CCC)   |
| Explosion protection note       | Product label may vary. Series devices have certification according to ATEX and IECEX.                                |

#### Electrical Data

|                              |           |
|------------------------------|-----------|
| Rated operational voltage AC | 550 V     |
| Rated operational current    | 10 A (T6) |

#### Ambient Conditions

|                        |  |
|------------------------|--|
| Ambient temperature °C | -60 °C ... +40 °C (T6)<br>-60 °C ... +55 °C (T5)   |
| Ambient temperature °F | -76 °F ... +104 °F (T6)<br>-76 °F ... +131 °F (T5) |

#### Mechanical Data

|                                     |   |
|-------------------------------------|---|
| Degree of protection IP (IEC 60529) | IP66                                    |
| Enclosure material                  | Polyester resin, Glass fibre reinforced |

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### Mechanical Data

|  |  |
|--|--|
| Enclosure color                              | Dark grey                                      |
| Silicone-free                                | No   |
| AWG clamping range                           | 14 AWG   |
| Connection cross-section max.                | 2.5 mm <sup>2</sup>                            |
| Solid connection cross section               | 0.32 – 2.5 mm <sup>2</sup>                     |
| Connection cross-section AWG single stranded | 22 AWG ... 14 AWG                              |
| Finely stranded connection cross section     | 0.32 – 2.5 mm <sup>2</sup>                     |
| 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 in inches                             | 3.66 in  |
| Depth  | 72 mm  |
| Depth in inches                              | 2.76 in  |
| Seal   | Silicone, foamed                               |
| Weight                                       | 376 g  |
| Weight                                       | 0.83 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 | EM-STOP mushroom stay-put button 55, Red – (rotating arrow) |
| Built-in element middle      | Contact element NC/NO                                       |
| Flange and plates            | Metal plate, bottom   |
| Entry 1                      | 1 x Through hole without cable entry                        |
| Entry 1 type                 | Through hole  |
| Entry 1                      | Ø 20 mm   |

### Accessories

#### Mushroom maintained 55 mm E-STOP BG015

|  |  |                           |
|--|--|---------------------------|
|  | Ø 55 mm<br>Yellow/red<br>Designation plate: With yellow backing plate<br>Front panel mounting<br>Silicone-free: No | <b>Art. No.</b><br>244637 |
|--|--|---------------------------|

### Spare Parts

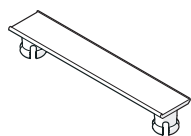
|                  |                 |
|------------------|-----------------|
| <b>Tag label</b> | <b>Art. No.</b> |
|------------------|-----------------|

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plain  
for attaching to enclosure 8040; moulded material;  
with paper insert strip

130673

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.