

Control and signalling devices

Control device system ConSig 8040 series

STAHL

ConSig

8040/1118X-10L07SA01 Art. No. 284103



- Flexible: Modular design and three sizes make customer-specific versions possible
- Lightweight enclosure made of glass fibre reinforced polyester resin (GRP), suitable for the marine industry and offshore applications

MY R. STAHL 8040B

With the R. STAHL Series 8040 control device system, you can get a clear overview of the control devices. The three combinable sizes and the modular design offer flexibility. You can choose from one standard version and customised variants.

Technical Data

Explosion Protection

| | |
|---------------------------------|---|
| Scope of validity | European Union (ATEX) 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 are labelled with ATEX and IECEX. |

Electrical Data

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

Ambient Conditions

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

Mechanical Data

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

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Mechanical Data

| | |
|--|--|
| 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 ... 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 in inches | 3.66 in |
| Depth | 72 mm |
| Depth in inches | 2.76 in |
| Seal | Silicone, foamed |
| Weight | 327 g |
| Weight | 0.72 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 mush. stay-put button, Red – (rotating arrow) |
| Built-in element middle | Contact element NC |
| 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 stay-put button EM-STOP BG010

| | | |
|--|--|---------------------------|
|  | Ø 39 mm Yellow/red Designation plate: With yellow backing plate Front panel mounting Silicone-free: No | Art. No. 223698 |
|--|--|---------------------------|

Spare Parts

Label holder




Art. No.

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

Art. No.

| | | |
|--|--|--------|
|  | 8602C3-752 for actuated mushroom stay-put button BG010, BG012 | 244869 |
|  | 8602C3-756 for actuated mushroom stay-put button BG010, BG012 | 244873 |
|  | 8602C3-758 for not actuated mushroom stay-put button BG010, BG012 | 244874 |


Protective collar

Art. No.

| | | |
|--|--|--------|
|  | 8602C3-751 plastic/yellow for mushroom stay-put button with key lock/mushroom stay-put button dia. 39 BG006, BG009, BG010, BG012 | 257708 |
|  | 8602C3-751 plastic/red for mushroom stay-put button with key lock/mushroom stay-put button dia. 39 BG006, BG009, BG010, BG012 | 257707 |

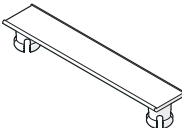
Special key

Art. No.

| | | |
|--|------------------------------------|--------|
|  | for tightening plastic locking nut | 169101 |
|--|------------------------------------|--------|

Tag label

Art. No.

| | | |
|--|--|--------|
|  | 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.