

Control and signalling devices

Control device system ConSig 8040 series

STAHL

ConSig

8040/1178X-34H2SF01 Art. No. 244311



- 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	IECEX European Union European Union (ATEX)
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
Certificates	ATEX (PTB), Canada (UL), China (NEPSI), IECEX (PTB), USA (UL)
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	690 V
Rated operational current	16 A (T6)

Ambient Conditions

Ambient temperature	-50 °C ... +40 °C (T6)
Ambient temperature	-58 °F ... +104 °F (T6)

Mechanical Data

Degree of protection IP (IEC 60529)	IP66
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

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Mechanical Data

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

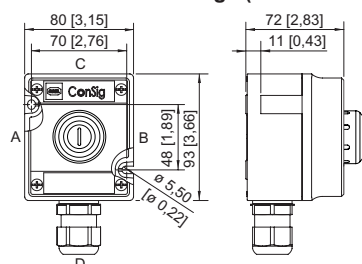
Mounting / Installation

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	Small handle, 0/OFF-I/ON (1x 90°), With silicone seal
Built-in element middle	Control switch 002
Number of poles on centre built-in element	2
Flange and plates	Metal plate, bottom
Cable glands and entries	1 x M20 Ø 6 to 13 mm
Entry type	Standard 8161, moulded material
Entry 1	1 x 8161/7-M20-1304-LT
Entry 1 type	Polyamide cable gland, black
Entry 1	M20 x 1.5
Entry 1 terminal area	4 – 13 mm
Entry 1 clamping range, inch	0.16 – 0.51 in
Metal entry possible 1	Yes

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



ConSig 8040/11

Accessories

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Cylinder lock

Art. No.



for closing (bracket Ø 3)

107115

Rotary actuator, small, lockable ASSY734

Art. No.



Diameter 39 mm, Padlockable using 1 lock, 90° position
Seal: Silicone, up to -60 °

227360

Spare key

Art. No.



Closing MS1

107109

Spare Parts

Label holder

Art. No.



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

Special key

Art. No.

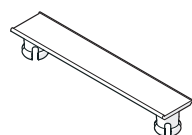


for tightening plastic locking nut

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.