

Control and signalling devices

Control device system Series ConSig 8040



ConSig

8040/1180X-08M01SA05 Art. No. 130902



- 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

Area of application	IECEX
Application range (zones)	1, 2, 21, 22
IECEX gas certificate	IECEX PTB 06.0025
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 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 (T6) -76 °F ... +131 °F (T5)

Mechanical Data

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

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Mechanical Data

Enclosure colour	Dark grey
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, 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	450 g
Weight	0.99 lb

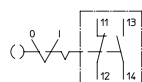
Mounting / Installation

Tightening torque of cover screw 1	1.4 N · m
Tightening torque of cover screw 1 lbf in	12.4 lbf in

Components

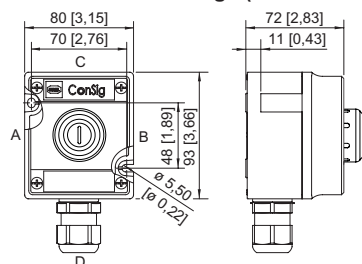
Installation position middle	Key-operated switch, Latching/latching
Built-in element middle	Contact element NC/NO
Flange and plates	Without flange, without plates
Cable glands and entries	1 x M25 Ø 7 ... 17 mm
Entry type	Standard 8161, moulded material
Entry 1	1 x 8161/7-M25-1707-LT
Entry 1 type	Polyamide cable gland, black
Entry 1	M25 x 1.5
Entry 1 clamping range	7 – 17 mm
Entry 1 clamping range, inch	0.28 – 0.67 in
Metal entry possible 1	No

Technical Drawings – Subject to Alterations



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



ConSig 8040/11

Accessories

**Key-operated switch actuator
BG008**



Ø 39 mm
Black
Closing: MS1
Number of switching positions: 2
Front panel mounting
Switching function: Latching / Latching
Silicone-free: No

Art. No.

244574

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

Spare key



Closing MS1

Art. No.

107109

Special key



for tightening plastic locking nut

Art. No.

169101

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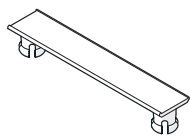
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Tag label

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.