

Control and signalling devices

Control device system ConSig 8040 series



ConSig

8040/1380X-54C03SA70-01L13SA05-01L08SA05 Art. No. 130702



- 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 (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), 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	690 V
Rated operational current	10 A (T6)
Ambient Conditions	
Ambient temperature	-60 °C ... +60 °C (T6)
Ambient temperature	-76 °F ... +140 °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

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Mechanical Data

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	185 mm
Height in inches	7.28 in
Depth	72 mm
Depth in inches	2.76 in
Seal	Silicone, foamed
Weight	680 g
Weight	1.5 lb

Mounting / Installation

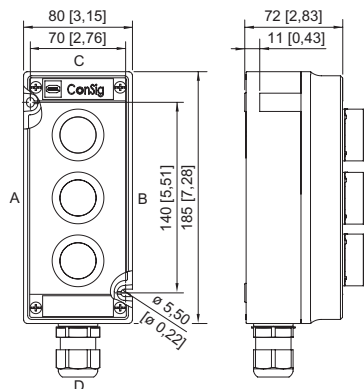
Tightening torque of cover screw 1	1.4 Nm
Tightening torque of cover screw 1 lbf in	12.4 lbf in

Components

Installation position top	Indicator lamp bezel, Clear
Built-in element top	LED indicator lamp
Installation position middle	Pushbutton, Green - "I"
Built-in element middle	Contact element NC/NO
Installation position bottom	Pushbutton, Red - "0"
Built-in element bottom	Contact element NC/NO
Flange and plates	Without flange, without plates
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 terminal area	7 – 17 mm
Entry 1 clamping range, inch	0.28 – 0.67 in
Metal entry possible 1	No

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



ConSig 8040/13

Accessories

Indicator lamp bezel



	Art. No.
White	223129

Indicator lamp bezel BG054



	Art. No.
Diameter 39 mm All colours Silicone-free: No	223123

Pushbutton BG001



	Art. No.
Ø 39 mm Black Designation plate: Black, blank disc without text Front panel mounting Silicone-free: No	223692

Spare Parts

Caps for BG054




	Art. No.
for indicator lamp, all colours packaged	248685

Contact element Series 8082





	Art. No.
NC	132636




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	NO	132640
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Designation plate for pushbutton and selector switch **Art. No.**

	Green Text: I	227750
	Red Text: O	227740




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

LED indicator lamp Ex de **Art. No.**

	12 to 240 V, white	237971
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Locking devices **Art. No.**

	8602C3-753 for not actuated pushbutton BG001	244870
	8602C3-754 for actuated pushbutton BG001	244871
	8602C3-755 for not actuated pushbutton BG001	244872

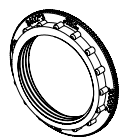
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Ring nut



for mounting the actuators

Art. No.

205592

Special key

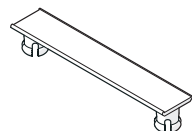


for tightening plastic locking nut

Art. No.

169101

Tag label



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

Art. No.

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.