



- 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 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 / 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	Ex II 2 G Ex db eb IIC T6 / T5 Gb
ATEX dust certificate	PTB 01 ATEX 1105
ATEX dust explosion protection	Ex 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

**Control and signalling devices****Control device system Series ConSig 8040****STAHL****8040/1180X-10L07SA08 Art. No. 130819****Mechanical Data**

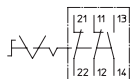
Silicone-free	No
Clamping range AWG	14 AWG
Connection cross-section max.	2.5 mm <sup>2</sup>
Solid connection cross section	0.32 – 2.5 mm <sup>2</sup>
Connection cross-section AWG single stranded	22 AWG ... 14 AWG
Finely stranded connection cross section	0.32 – 2.5 mm <sup>2</sup>
Finely stranded connection 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	410 g
Weight	0.9 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 / NO / NC
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**

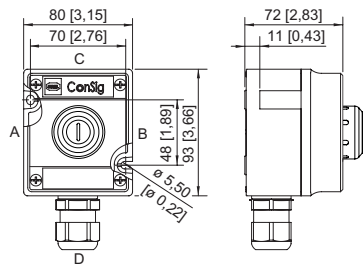
## Control and signalling devices

## Control device system Series ConSig 8040

STAHL

8040/1180X-10L07SA08 Art. No. 130819

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



ConSig 8040/11

## 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



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

## Locking devices



8602C3-752 for actuated mushroom stay-put button  
BG010, BG012

## Art. No.

244869



8602C3-756 for actuated mushroom stay-put button  
BG010, BG012

244873



8602C3-758 for not actuated mushroom stay-put button  
BG010, BG012




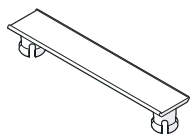
244874

## Control and signalling devices

### Control device system Series ConSig 8040

STAHL

8040/1180X-10L07SA08 Art. No. 130819

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.