

8040/1180X-10L07SA08 Art. No. 244946



- Flexible: Modular structure and 3 sizes enable customer-specific versions
- Lightweight enclosure made from glass fibre reinforced polyester resin (GRP), suitable for shipping industry and offshore

WebCode **8040B** 

With the R. STAHL Series 8040 control device system, you can get a clear overview of the control devices. The 3 combinable design sizes and the modular structure offer flexibility. You can choose from one standard version and customised variants.

Technical Data

Explosion Protection	
Scope of validity	Kazakhstan Belarus Russian Federation
Application range (zones)	1 2 21 22
IECEEx gas certificate	IECEEx PTB 06.0025
IECEEx gas explosion protection	Ex db eb IIC T6 Gb
IECEEx dust certificate	IECEEx PTB 06.0025
IECEEx 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
EAC certificate	RU C-DE.HA91.B.00239/21
EAC gas explosion protection	I 1 Ex d e IIC T6 Gb X
EAC dust explosion protection	I Ex tb IIIC T80 °C Db X
Certificates	ATEX (PTB), EAC (ENDCE), IECEEx (PTB)
Electrical Data	
Rated operational voltage AC	550 V
Rated operational current	10 A (T6)

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Power dissipation	Vertical installation			
	Maximum surface temperature	Maximum permissible integrated power dissipation depending on the ambient temperature		
		-60 °C ≤ Ta ≤ +50 °C	-60 °C ≤ Ta ≤ +60 °C	-60 °C ≤ Ta ≤ +75 °C
	80 °C (T6)	1.1 W ¹⁾	0.8 W ²⁾	-
	95 °C (T5)	1.1 W ¹⁾	1.1 W ¹⁾	0.8 W ²⁾
	100 °C (T4)	1.1 W ¹⁾	1.1 W ¹⁾	0.8 W ²⁾
	¹⁾ 27 K - Max. temperature rise			
	²⁾ 20 K - Max. temperature rise			
	³⁾ 100 °C - Max. permissible service temperature (material limit)			
	Horizontal installation			
	Maximum surface temperature	Maximum permissible integrated power dissipation depending on the ambient temperature		
		-60 °C ≤ Ta ≤ +50 °C	-60 °C ≤ Ta ≤ +60 °C	-60 °C ≤ Ta ≤ +75 °C
	80 °C (T6)	1.1 W ¹⁾	-	-
	95 °C (T5)	1.1 W ¹⁾	1.1 W ¹⁾	-
	100 °C (T4)	1.1 W ¹⁾	1.1 W ¹⁾	0.8 W ²⁾
¹⁾ 30 K - Max. temperature rise				
²⁾ 23 K - Max. temperature rise				
³⁾ 100 °C - Max. permissible service temperature (material limit)				
Ambient Conditions				
Ambient temperature	-60 °C ... +60 °C (T6)			
Mechanical Data				
Degree of protection (IP)	IP66			
Degree of protection note	acc. to IEC/EN 60529			
Enclosure material	Polyester resin, Glass fibre reinforced			
Silicone-free	No			
AWG clamping range	AWG14			
Connection cross-section max.	2.5 mm²			
Cover fixing type	With captive screws, M4 stainless steel screws			
Seal	Silicone, foamed			
Mounting / installation	Cable entry			
	Standard:	1 x M25 x 1.5; cable glands 8161; side below (D); directly mounted into enclosure wall		
	Special:	In side C (top) and/or D (bottom); 1 x M20 x 1.5; 1 x M25 x 1.5 Metal cable glands are possible; Mounting of metal cable glands in metal flange or via metal adapter plate		
	Flange			
	Standard:	without flange		
	Special:	with flange made of polyester resin or brass, can be mounted to sides C and D		

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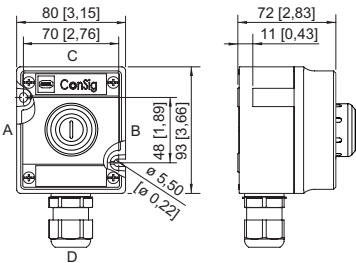
Components

Installation position middle	EM-STOP mushroom stay-put button Red – (rotating arrow)
Built-in element middle	Contact element NC / NO / NC
No. poles on cen. built-in el.	3
Flange and plates	Without flange, without plates
Cable glands and entries	1 x M25 Ø 7 to 17 mm
Entry type	Standard 8161, moulded material

Technical Drawings – Subject to Alterations



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



ConSig 8040/11

Accessories

Mushroom stay-put button EM-STOP
BG010

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

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

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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 Ø 39
BG006, BG009, BG010, BG012

257708



8602C3-751 plastic/red for mushroom stay-put button with key lock/mushroom stay-put button
Ø 39
BG006, BG009, BG010, BG012

257707

Special key

Art. No.



for tightening plastic locking nut

169101

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.