

8040/1380X-54C06SA70-01L13SA05-01L08SA05 Art. No. 130900



- 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	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	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	DNV GL
Electrical Data	
Rated operational voltage AC	690 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 ... +40 °C (T6) -60 °C ... +55 °C (T5)			
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			
Cover fixing type	With captive screws, M4 stainless steel screws			
Seal	Silicone, foamed			
Weight	0.64 kg			
Weight	1.41 lb			

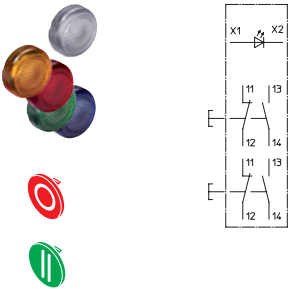
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Table with 2 columns: Mounting / installation, Cable entry. Rows include Standard, Special, and Flange specifications.

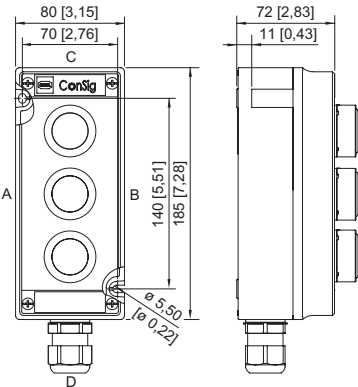
Components

Table with 2 columns: Component description, Specification. Rows include installation positions, built-in elements, poles, flange, cable glands, and entry type.

Technical Drawings – Subject to Alterations



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



ConSig 8040/13

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Accessories

Indicator lamp bezel
BG054

Diameter 39 mm
All colours
Silicone-free: No

Art. No.

223123

Pushbutton
BG001

Ø 39 mm
Black
Designation plate: Black, blank disc without text
Silicone-free: No

Art. No.

223692

Spare Parts

Caps for BG054



for indicator lamp, all colours packaged

Art. No.

248685

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



8602C3-753 for not actuated pushbutton
BG001

Art. No.

244870



8602C3-754 for actuated pushbutton
BG001

244871



8602C3-755 for not actuated pushbutton
BG001

244872

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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.