

8040/1380X-54C02SA70-01L12SA05-01L09SA05 Art. No. 286999



- 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	European Union (ATEX) IECEX
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	Ex II 2 G Ex db eb IIC T6 Gb
ATEX dust certificate	PTB 01 ATEX 1105
ATEX dust explosion protection	Ex 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	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)			
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			
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

Built-in element top	LED indicator lamp
Installation position middle	Pushbutton Green – "START" With silicone seal
Built-in element middle	Contact element NC/NO
No. poles on cen. built-in el.	2
Installation position bottom	Pushbutton Red - "STOP" With silicone seal
Built-in element bottom	Contact element NC/NO
No. poles on bot. built-in el.	2
Cable glands and entries	1 x M25 Ø 7 to 17 mm
Entry type	Standard 8161, moulded material

Accessories**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 Silicone-free: No	223692

Spare Parts**Caps for BG054**

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

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.



8602C3-753 for not actuated pushbutton
BG001

244870



8602C3-754 for actuated pushbutton
BG001

244871



8602C3-755 for not actuated pushbutton
BG001

244872

Special key

Art. No.



for tightening plastic locking nut

169101

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