

Control and signalling devices

Control device system ConSig 8040 series

STAHL

ConSig

8040/1218X-54C01SA70-54C02SA70 Art. No. 282448



- 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

MY R. STAHL 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. The 8208 contact elements monitor the systems for wire breakage and short circuit. The 8208 contact elements monitor the systems for wire breakage and short circuit.

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	⊕ 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 have certification according to ATEX and IECEX.

Electrical Data

Rated operational voltage AC	250 V
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Ambient Conditions

Ambient temperature °C	-60 °C ... +40 °C (T6)
Ambient temperature °F	-76 °F ... +104 °F (T6)

Mechanical Data

Degree of protection IP (IEC 60529)	IP66
Enclosure material	Polyester resin, Glass fibre reinforced
Enclosure color	Dark grey
Silicone-free	No

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Mechanical Data

AWG clamping range	14 AWG
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	139 mm
Height in inches	5.47 in
Depth	72 mm
Depth in inches	2.76 in
Seal	Silicone, foamed
Weight	451 g
Weight	0.99 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, Red, With silicone seal
Built-in element top	LED indicator lamp
Installation position bottom	Indicator lamp bezel, Green, With silicone seal
Built-in element bottom	LED indicator lamp
Flange and plates	Metal plate, bottom
Entry 1	1 x Through hole without cable entry
Entry 1 type	Through hole
Entry 1	Ø 20 mm

Accessories

Indicator lamp bezel BG054

	Diameter 39 mm All colors Silicone-free: No	Art. No. 223123
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Spare Parts

Caps for BG054

Art. No.

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	for indicator lamp, all colors packaged	248685
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Label holder **Art. No.**

	Size 1, without insert disc, 1-line label for actuators Ø 39	223566
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	Size 2, without insert disc, 1- or 2-line label for actuators Ø 39	223567
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	Size 3, without insert disc, 1-, 2- or 3-line label for actuators Ø 39	223568
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Special key **Art. No.**

	for tightening plastic locking nut	169101
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Tag label **Art. No.**

	plain for attaching to enclosure 8040; moulded material; with paper insert strip	130673
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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.