

8082/1-1-00 Art. No. 132636



- Large selection of different actuators
- Versions as an NC with positive opening, NO or disconnect terminal

WebCode **8082A**



R. STAHL Series 8082 contact elements have an NO contact and a positive opening operation NC contact, made from silver-nickel or gold-plated. They can be easily combined with contact blocks and enable customised installations, also due to the large selection of the various actuators.

Technical Data

Explosion Protection

Application range (zones)	1 2
IECEEx gas certificate	IECEEx PTB 06.0011U
IECEEx gas explosion protection	Ex db eb IIC T6/T4 Gb
IECEEx firedamp certificate	IECEEx PTB 06.0011U
IECEEx firedamp protection	Ex db eb I Mb
ATEX gas certificate	PTB 00 ATEX 1031 U
ATEX gas explosion protection	Ex II 2 G Ex db eb IIC T6/T4 Gb
ATEX firedamp certificate	PTB 00 ATEX 1031 U
ATEX firedamp protection	Ex I M2 Ex db eb I Mb
UL gas certificate	E182378V1S1
Inmetro gas certificate	ULBR130645U
Certificates	ATEX (PTB), Brazil (ULB), Canada / USA (UL), IECEEx (PTB), India (PESO), Korea (KTL), SIL (exida)

Functional Safety

SIL-capable	without actuator or with actuators 8602/3-006, 8602/3-009, 8602/3-010, 8602/3-012
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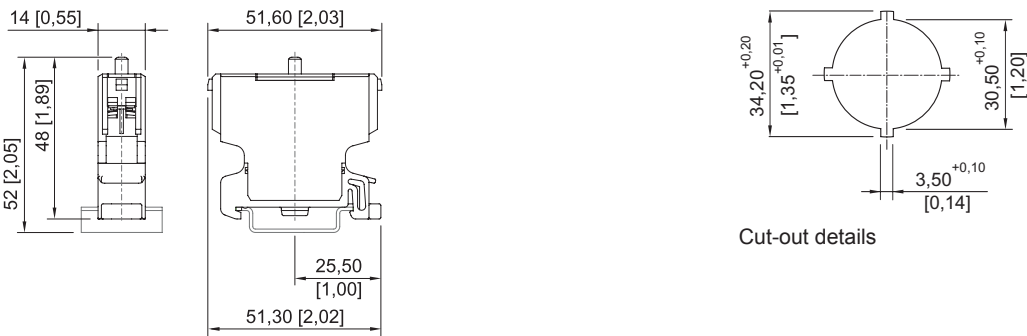
Electrical Data

Rated operational voltage max.	550 V
Rated operational voltage min.	24 V
Rated operational current	100 mA / 10 A
Electrical service life	10 ⁶ operations
Mechanical service life	10 ⁶ operations
switching capacity AC-12	250 V / 10 A 400 V / 7,5 A 550 V / 5 A
switching capacity AC-15	110 V / 10 A 250 V / 6 A 400 V / 4 A

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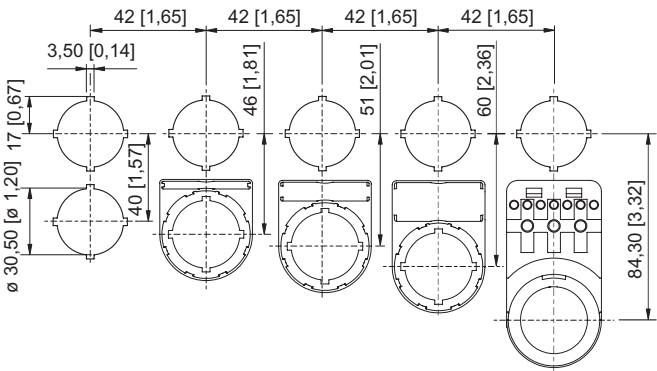
Electrical Data	
switching capacity DC-13	60 V / 6 A
switching cap. DC-13 see Note	230 V / 1 A 110 V / 2,5 A
Ambient Conditions	
Ambient temperature	-60 °C ... +70 °C (T6) -60 °C ... +55 °C (T4)
Operating temperature	-60°C ... +100°C
Mechanical Data	
Degree of protection IP (IEC 60529)	IP20
Enclosure material	Polyamide
Contact material	Silver-nickel
Silicone-free	Yes
Connection cross-section solid	0.75 – 2.5 mm²
Connection cross-section finely stranded	0.75 – 2.5 mm²
Connection cross section finely stranded with core end sleeve	0.75 – 2.5 mm²
Number of NCs	1
Positive opening contact	Yes
Packaging unit	1
Weight	0.025 kg
Weight	0.055 lb
Mounting / Installation	
Tightening torque	1.2 Nm
Tightening torque lbf in	10.62 lbf in
Connection type	Screw terminal

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



Contact element, single

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Standard cut-out with / without front label

Accessories and Spare Parts

Adaptor for front installation		Art. No.
	8602/3 Front installation for indicator lamp series 8010/6 and contact element series 8082/3	227038
Holder for front installation		Art. No.
	8602/3 cable duct	248673
		Art. No.
		244654
		244655
Pushbutton		Art. No.
	Ø 39 mm Black Designation plate: black, blank label without textSilicone-free: Yes	223691
	Ø 39 mm Black Designation plate: black, blank label without textSilicone-free: No	223692
Mushroom pushbutton, black		Art. No.
	Ø 39 mm Black Designation plate: black, blank label without textSilicone-free: Yes	244563
	Ø 39 mm Black Designation plate: black, blank label without textSilicone-free: No	244564

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Mushroom pushbutton, red**Art. No.**

Ø 39 mm
Red/black
Designation plate: red, blank label without textSilicone-free: Yes

244565

Ø 39 mm
Red/black
Designation plate: red, blank label without textSilicone-free: No

244566

Mushroom stay-put button with key**Art. No.**

Ø 39 mm
Red/black
Closing: MS1Silicone-free: Yes

223695

Ø 39 mm
Red/black
Closing: MS1Silicone-free: No

223696

Ø 39 mm
Red/black
Closing: MS2Silicone-free: Yes

270409

Ø 39 mm
Red/black
Closing: MS2Silicone-free: No

270412

Ø 39 mm
Red/black
Closing: MS3Silicone-free: Yes

270410

Ø 39 mm
Red/black
Closing: MS3Silicone-free: No

270413

Ø 39 mm
Red/black
Closing: MS4Silicone-free: Yes

270411

Art. No.

Silicone-freeØ 39 mm
Red/black
Closing: MS4Silicone-free: No

270414

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Key-operated switch actuator

Art. No.



Ø 39 mm
Black
Closing: MS1
Number of switching positions: 2
Switching function: Latching / LatchingSilicone-free: Yes

244573

Ø 39 mm
Black
Closing: MS1
Number of switching positions: 2
Switching function: Latching / LatchingSilicone-free: No

244574

Ø 39 mm
Black
Closing: MS2
Number of switching positions: 2
Switching function: Latching / LatchingSilicone-free: Yes

272935

Ø 39 mm
Black
Closing: MS2
Number of switching positions: 2
Switching function: Latching / LatchingSilicone-free: No

270418

Ø 39 mm
Black
Closing: MS3
Number of switching positions: 2
Switching function: Latching / LatchingSilicone-free: Yes

274089

Ø 39 mm
Black
Closing: MS3
Number of switching positions: 2
Switching function: Latching / LatchingSilicone-free: No

270419

Ø 39 mm
Black
Closing: MS4
Number of switching positions: 2
Switching function: Latching / LatchingSilicone-free: Yes

272936

Ø 39 mm
Black
Closing: MS4
Number of switching positions: 2
Switching function: Latching / LatchingSilicone-free: No

270420

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Ø 39 mm Black Closing: MS1 Number of switching positions: 3 Switching function: Latching / Latching / Latching Silicone-free N/A	244632
Ø 39 mm Black Closing: MS1 Number of switching positions: 3 Switching function: Latching / Latching / Latching Silicone-free: No	244633
Ø 39 mm Black Closing: MS2 Number of switching positions: 3 Switching function: Latching / Latching / Latching Silicone-free: Yes	274090
Ø 39 mm Black Closing: MS2 Number of switching positions: 3 Switching function: Latching / Latching / Latching Silicone-free: No	270421
Ø 39 mm Black Closing: MS3 Number of switching positions: 3 Switching function: Latching / Latching / Latching Silicone-free: Yes	274091
Ø 39 mm Black Closing: MS3 Number of switching positions: 3 Switching function: Latching / Latching / Latching Silicone-free No	270422
Ø 39 mm Black Closing: MS4 Number of switching positions: 3 Switching function: Latching / Latching / Latching Silicone-free: Yes	274092
Ø 39 mm Black Closing: MS4 Number of switching positions: 3 Switching function: Latching / Latching / Latching Silicone-free: No	270423

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Mushroom stay-put button with EM-STOP key**Art. No.**

Ø 39 mm
yellow/red
Designation plate: with yellow backing plate
Closing: MS1Silicone-free: Yes

223693

Ø 39 mm
yellow/red
Designation plate: with yellow backing plate
Closing: MS1Silicone-free: No

223694

Ø 39 mm
yellow/red
Designation plate: with yellow backing plate
Closing: MS2Silicone-free: Yes

274099

Ø 39 mm
yellow/red
Designation plate: with yellow backing plate
Closing: MS2Silicone-free: No

270415

Ø 39 mm
yellow/red
Designation plate: with yellow backing plate
Closing: MS3Silicone-free: Yes

274100



Ø 39 mm
yellow/red
Designation plate: with yellow backing plate
Closing: MS3Silicone-free: No

Art. No.

270416

Mushroom stay-put button with EM-STOP key**Art. No.**

Ø 39 mm
yellow/red
Designation plate: with yellow backing plate
Closing: MS4Silicone-free: Yes

274101

Ø 39 mm
yellow/red
Designation plate: with yellow backing plate
Closing: MS4Silicone-free: No

270417

Mushroom stay-put button EM-STOP**Art. No.**

Ø 39 mm
yellow/red
Designation plate: with yellow backing plateSilicone-free: Yes

223697

Ø 39 mm
yellow/red
Designation plate: with yellow backing plateSilicone-free: No

223698

Mushroom stay-put button, black**Art. No.**

Ø 39 mm
BlackSilicone-free: Yes

223699

Ø 39 mm
BlackSilicone-free: No

223700

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Mushroom pushbutton 55 mm red**Art. No.**

Ø 55 mm
black/red
Designation plate: red, blank label without textSilicone-free: Yes

244634

Ø 55 mm
black/red
Designation plate: red, blank label without textSilicone-free: No

244635

Mushroom stay-put button 55 mm EM-STOP**Art. No.**

Ø 55 mm
yellow/red
Designation plate: with yellow backing plateSilicone-free: Yes

244636

Ø 55 mm
yellow/red
Designation plate: with yellow backing plateSilicone-free: No

244637

Twin pushbutton**Art. No.**

BlackImpact strength: 7 J

244638

BlackImpact strength: 7 J

244639

Mushroom pushbutton 55 mm black**Art. No.**

Ø 55 mm
Black
Designation plate: black, blank label without textSilicone-free: Yes

244642

Ø 55 mm
Black
Designation plate: black, blank label without textSilicone-free: No

244643

Small rotary actuator, not lockable**Art. No.**

Ø 39 mm
Black
Designation plate: 0/OFF - I/ON
Number of switching positions: 2
Lockable in: Not padlockable
Switching function: Latching / LatchingSilicone-free: Yes

244646

Ø 39 mm
Black
Designation plate: 0/OFF - I/ON
Number of switching positions: 2
Lockable in: Not padlockable
Switching function: Latching / LatchingSilicone-free: No

244647

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	Ø 39 mm Black Designation plate: I - 0 - II Number of switching positions: 3 Lockable in: Not padlockable Switching function: Latching / Latching / Latching Silicone-free: Yes	244648
	Ø 39 mm Black Designation plate: I - 0 - II Number of switching positions: 3 Lockable in: Not padlockable Switching function: Latching / Latching / Latching Silicone-free: No	244649

Small rotary actuator, lockable

Art. No.

	Ø 39 mm Black Designation plate: 0/OFF - I/ON Number of switching positions: 2 Lockable in: One pos. with one lock Switching function: Latching / LatchingImpact strength: 7 J	244650
	Ø 39 mm Black Designation plate: 0/OFF - I/ON Number of switching positions: 2 Lockable in: One pos. with one lock Switching function: Latching / LatchingImpact strength: 7 J	244651
	Ø 39 mm Black Designation plate: I - 0 - II Number of switching positions: 3 Lockable in: One pos. with one lock Switching function: Latching / Latching / LatchingImpact strength: 7 J	244652
	Ø 39 mm Black Designation plate: I - 0 - II Number of switching positions: 3 Lockable in: One pos. with one lock Switching function: Latching / Latching / LatchingImpact strength: 7 J	244653

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