

Control and signalling devices

Disconnect terminal for installation on mounting rail

Ex e

8082C3-11-1-0-1 Art. No. 349417

STAHL



- 1-pole, positive opening NC contact
- For installation in Ex e enclosures
- Clear position indication
- Actuator can be locked in the zero position
- Connection cross-section: 0.75 to 2.5 mm², solid/finely stranded
- Enclosure made of polyamide

MY R. STAHL 8082E

Series 8082 disconnect terminals can be used to disconnect electrical circuits for maintenance and test purposes.

The disconnect terminals are used in Ex e enclosures and may also be actuated in hazardous areas while live.

When the contact is open, the supply line clamping unit is covered.

The actuator can be locked with a padlock in the zero position according to IEC/EN 60947-5-1.

Using special DIN rails which are available as accessories, the devices can be arranged next to each other to form blocks.

Technical Data

Explosion Protection

Area of application	European Union (ATEX) CE Code IECEX NEC®
Application range (zones)	1, 2
IECEX gas certificate	IECEX PTB 17.0037U
IECEX gas explosion protection	Ex db eb IIC T6 / T5 Gb
ATEX gas certificate	PTB 17 ATEX 1012 U
ATEX gas explosion protection	II 2 G Ex db eb IIC T6 / T5 Gb
UL gas certificate	E182378V1S9
Marking cULus	Class I, Div. 2, Groups A,B,C,D; Class I, Zone 1, AEx/Ex db eb IIC
Certificates	ATEX (PTB), Brazil (ULB), Canada (UL), China (CQST), IECEX (PTB), Korea (KTL), USA (UL)
Notes	Product label may vary. Series devices are labelled with ATEX, IECEX, NEC® and CE Code.

Electrical Data

Max. rated operational voltage	550 V
Min. rated operational voltage	24 V
Electrical service life	10 ⁶ operating cycles
Mechanical service life	10 ⁴ operating cycles
Switching capacity AC-12	250 V / 10 A 400 V / 7.5 A 550 V / 5 A

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Switching capacity AC-15	110 V / 10 A 250 V / 6 A 400 V / 4 A
Switching capacity DC-13	110 V / 1 A
Switching capacity DC-13 2 contact elements in series	60 V/6 A 110 V/1 A 250 V/1.25 A

Ambient Conditions

Ambient temperature	-60 °C ... +70 °C (IIC T6) -60 °C ... +85 °C (T5)
Ambient temperature	-76 °F ... +158 °F (IIC T6) -76 °F ... +185 °F (T5)

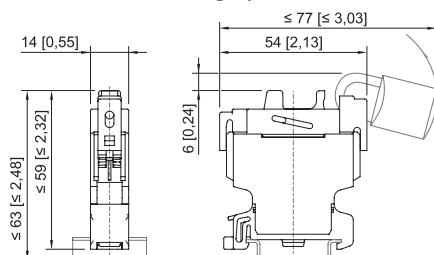
Mechanical Data

Degree of protection (IP) (IEC 60529)	IP20
Enclosure material	Polyamide
Contact material	Silver-nickel
Silicone-free	Yes
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
Connection cross-section, finely stranded with core end sleeve	0.32 – 2.5 mm ²
Finely stranded connection cross-section AWG	22 AWG ... 14 AWG
Connection cross-section AWG finely stranded with core end sleeve	22 AWG - 14 AWG
Number of NCs	1
Positive opening operation	Yes
Contacts	1 NC
Packaging unit	1
Weight	90 g
Weight	0 lb

Mounting / Installation

Tightening torque	1.2 N · m
Tightening torque lbf in	10.62 lbf in
Connection type	Screw terminal

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



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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.