

## Data sheet

Commercial Art.No.: R1.310.1130.0

Safety switch SIN 1130 AC/DC 24V

Safety switch with separated actuator and guard locking, spring-actuated, 1500 N, 3 NC / 1 NO contacts



Commercial Art.No.	R1.310.1130.0
EAN	4049088134678
Order Unit	1

Certificates / Approvals



## Technical data

### Electrical data - contact elements

Protection class	II
Rated insulation voltage Ui	250 V
Rated impulse voltage	2.5 kV
Direct opening action	yes
Short-circuit protective device	4 A gl

### Electrical data - magnets

Protection class	II
Duty cycle-	100% ED (at E1; E2)
Temperature class-	F (155°C)
Power consumption	4.4 VA
Switch operations permanent	600 1/h
Operating voltage	24 V

### Mechanical Data

Housing material	Thermoplastic GV (UL94-V0)
Cover material	Thermoplastic GV (UL94-V0)
Actuating head material	Thermoplastic GV / ZN-GD-
Separate actuator	yes
Drawing force	> 27 N
Interlocking principle	Spring force
Hold on force-	< 1500 N

Min. ambient temperature	-25 °C
Max. ambient temperature	70 °C
Switching principle contact elements	4 slow-action contacts max.
Mechanical life	10 <sup>6</sup> switching cycles
Fastening	4 x M5
Connection type	spring clamp connection
Max. conductor cross section (flex., stranded)	0.5 mm <sup>2</sup>
Max. conductor cross section (flex., stranded)	1.5 mm <sup>2</sup>
Cable entry	3 x M20x1,5
Weight	0.35 kg
Installation position	operator definable
Degree of protection (IP)	IP67

#### Classification

ECLASS 11	
ECLASS 8.1	27270611
ETIM 7.0	EC002593
ETIM 6.0	EC002593
ETIM 5.0	EC002593
ETIM 4.0	EC002593

#### Product compliance

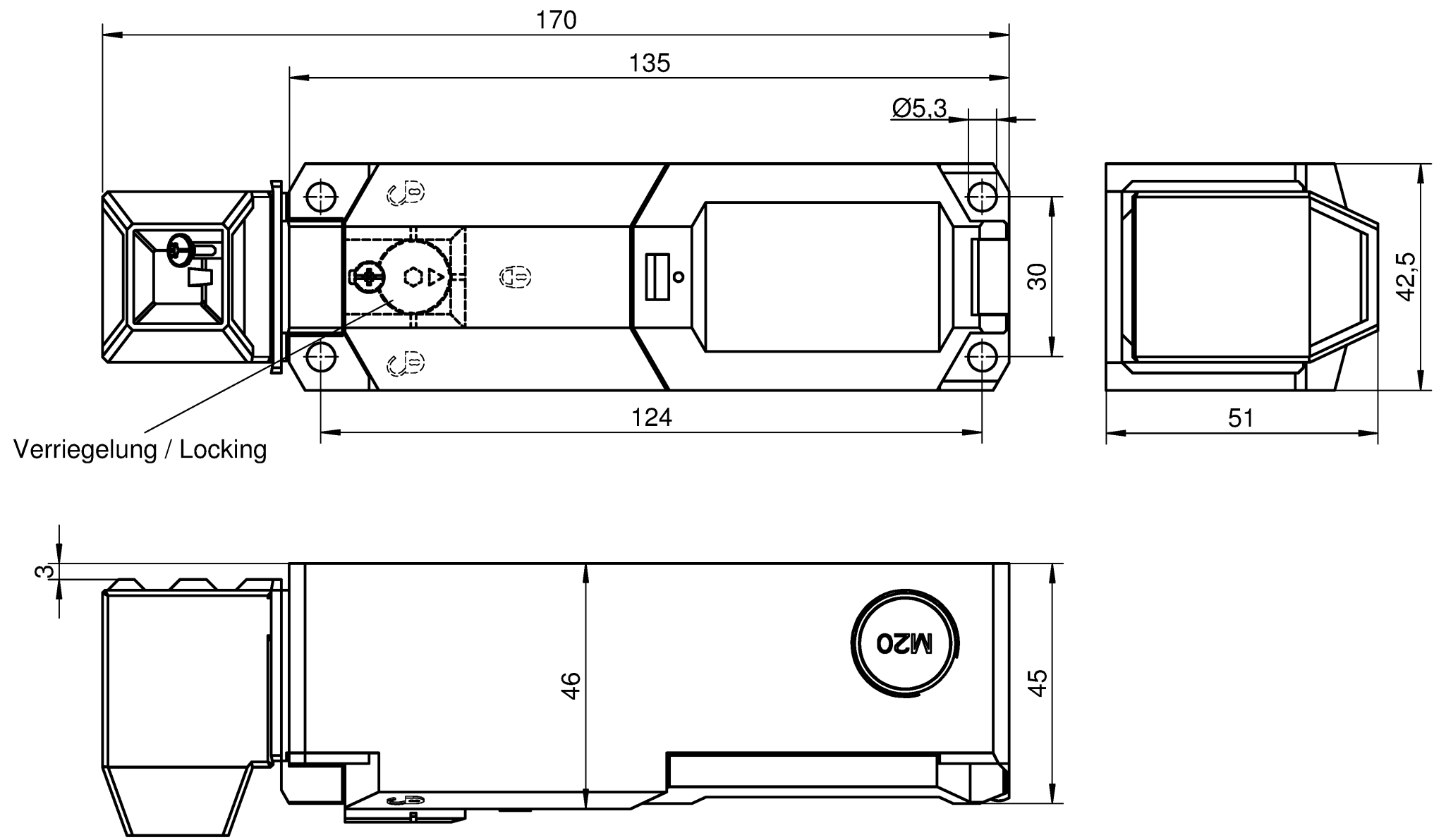
ROHS conformity status	Compliant
REACH-SVHC conformity status	Compliant

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Teile-Nr. / Part.-No.	Verriegelung / Locking
R1.310.1120.0	ja
R1.310.1130.0	ja
R1.310.1150.0	ja
R1.310.1220.0	ja
R1.310.1230.0	ja
R1.310.1250.0	ja
R1.310.1330.0	ja
R1.310.1350.0	ja
R1.310.2120.0	nein
R1.310.2130.0	nein
R1.310.2150.0	nein
R1.310.2220.0	nein
R1.310.2230.0	nein
R1.310.2250.0	nein



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ja/yes <input checked="" type="checkbox"/> Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten. Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared!							
Freitoleranz nach General tolerance		CAD-Zeichnung, keine manuellen Änderungen CAD drawing, no manual modifications allowed		1. Verwendung: First Use:		Blatt: Sheet:	
Werkstoff / Material		2013 Tag/Date gezeichnet drawn 08.05.		Name Eller		Zeichnung Nr. / Drawing No. <b>T R1.310.1330.0 01K</b>	
Maßstab/Scale 1:1		Normgepr. Stand. check		Maße in mm / Dimensions are in mm			
Datei / File: 037671_A01K.DCD				Ersatz für / Replacement for:			
Ⓐ 10.03.15 Datum / Blatt Date / Sheet		 www.wieland-electric.com		Type		Benennung / Title Teilespezifikation / Component specification <b>Sicherheitsschalter SIN</b> safety switch SIN	
Änderung / Revision							