

Maße in mm

Technical Data	
Housing Material	Anodized die-cast alloy
Environment protection to IEC 60529	IP65
Mechanical operations	1 x 10 ⁶
Ambient temperature (°C)	-25 bis +80
Mounting position	optional
Approach speed max. (m/min)	20
Operating-/ Extraction-/ Retainingforce (N)	35 / 30 / 10
Retaining force, locked (N)	1000

Switch Element	
Type	SK2121H, ÜK2121H
Switching principle	Slow action
Switch contacts	see diagram
Contact material	Silver alloy, gold-flashed
Terminal	Plug connector BHA
Max. conductor cross-section (mm ²)	1,5
Rated insulation voltage U _i (V)	250
Rated impulse withstand voltage U (kV)	1,5
Utilization category to IEC 60947-5-1	AC-15 I _e 4A U _e 230V DC-13 I _e 4A U _e 24V
Switching voltage min at 10mA (V)	12
Switching current min. at 24V (mA)	1
Short-circuit protection (control fuse)	4A qG

Solenoid	
Operatin voltage (V $\tilde{\sim}$) see type	24
ON time (%)	100
Connected load (W)	7

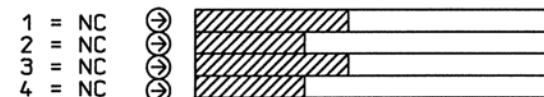
Status LED's	
The operation voltage of the LED's correspond to the supply voltage of the solenoid.	

Switching diagram

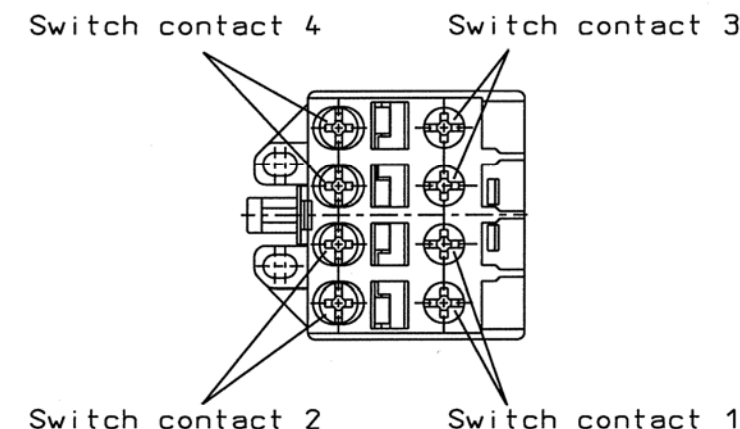
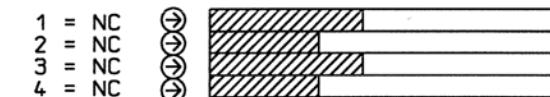
Safety Circuit (SK2121H)

Control Circuit (ÜK2121H)

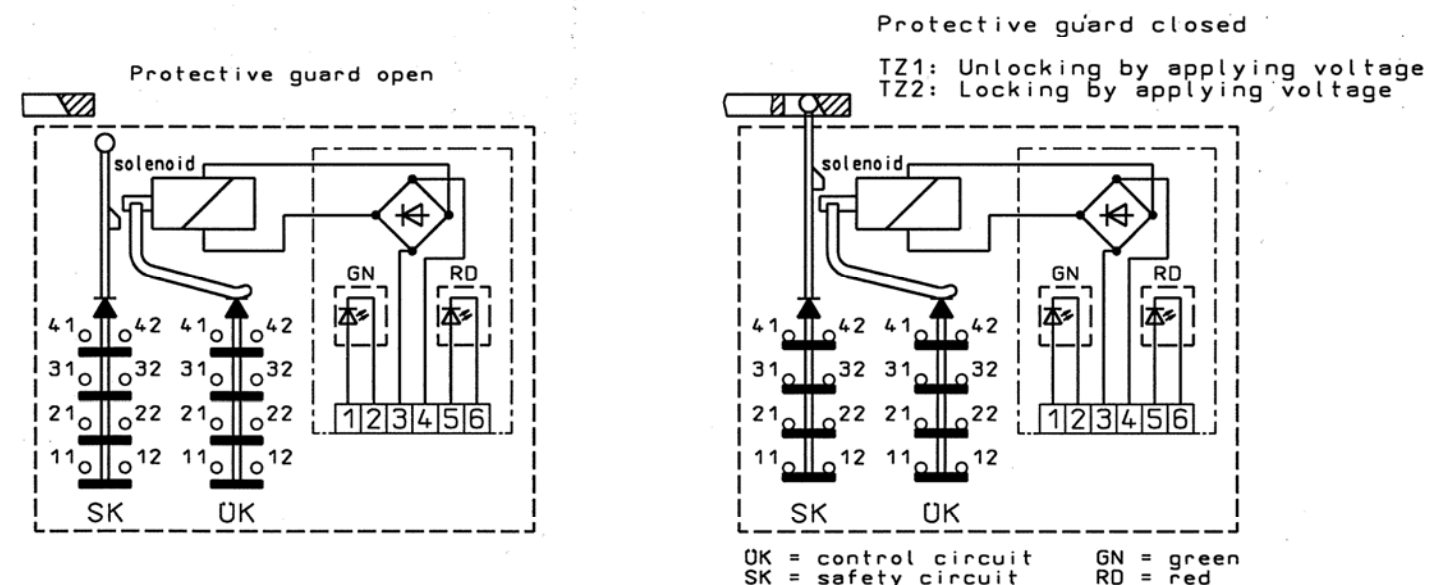
Switch contact



Switch contact



Switching function



CAD - Zeichnung, keine manuellen Änderungen durchführen! Schutzvermerk nach DIN 34 beachten. Copyright reserved.

Ausg.	Änd.-Nr.	Datum	Name	Datum	Name	Technische Änderungen vorbehalten Subject to technical modifications	Maßstab		
2	02185	07.03.02	Raff	Bearbeitet 06.12.01	Raff				
3	04057	09.02.04	Raff	Geprüft 31.08.09	Linsner		Blatt 2 von 2		
4	04245	19.07.04	Raff	Genehmigt					
5	08847	31.08.09	Linsner						
Ersetzt durch						Ersatz für			
						Benennung	Safety Switch with solenoid interlock	Zeichnungs-Nr.	086115
						Bemerkung	TZ.L...BHA-C1971	Klasse-Nr.	112G