

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 (coltrol fuse)	4A qG

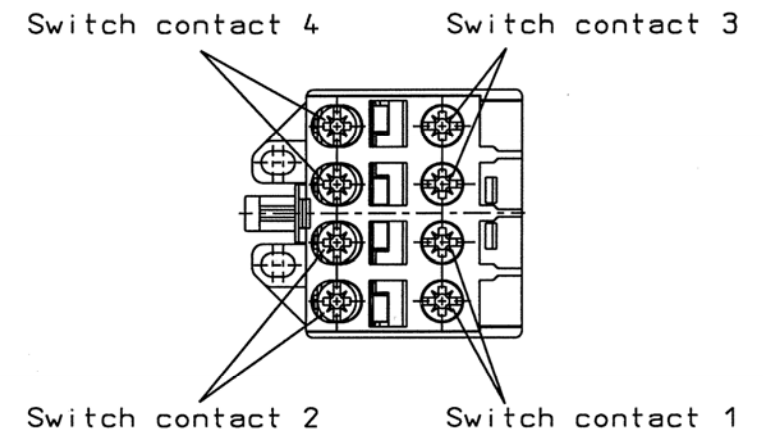
Solenoid	
Operatin voltage (V \sim) see type	24
ON time (%)	100
Connected load (W)	7

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

Switching diagram

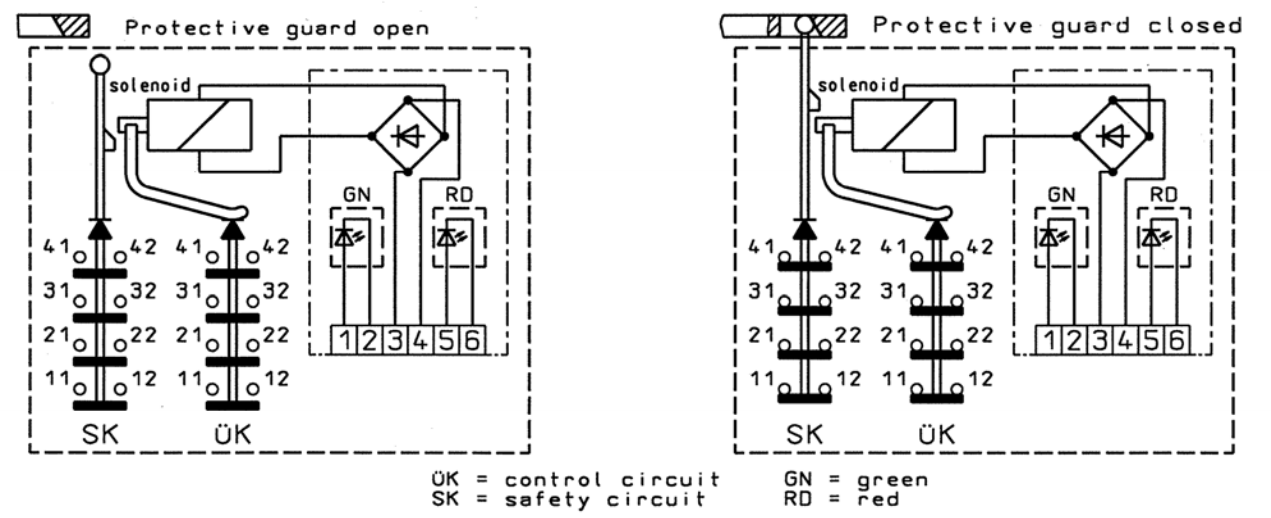
Safety Circuit (SK2121H)

Control Circuit (ÜK2121H)



Switching function

TZ1: Unlocking by applying voltage
TZ2: Locking by applying voltage



CAD - Zeichnung, keine manuellen Änderungen durchföhren!
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 Technische Änderungen vorbehalten. Subject to technical modifications.

Ausg.	Aend.-Nr	Tag	Name	2000	Tag	Name	Technische Änderungen vorbehalten Subject to technical modifications	Messt.	
2	04057	09.02.04	Raff	Bearb.	07.11.	Raff			
3	04245	19.07.04	Raff	Gepr.	07.08.05	Vonig			Blatt 2 von 2
4	08847	31.08.09	Linsner	Norm	vi				
							Benennung	Safety Switch with solenoid interlock	Zeichnungs-Nr. 083195
Ersetzt durch			Ersatz fuer				Bemerkg.	TZ.RE...BHAVFG-RC1924	Klass. Nr. 112G