

Short circuit contact type RHK

Data sheet



Construction

- Contact plate and switching rod made of nickel-plated brass
- Micaver insulators
- Support electrogalvanized, passivated
- Thermal fuse type ESTI

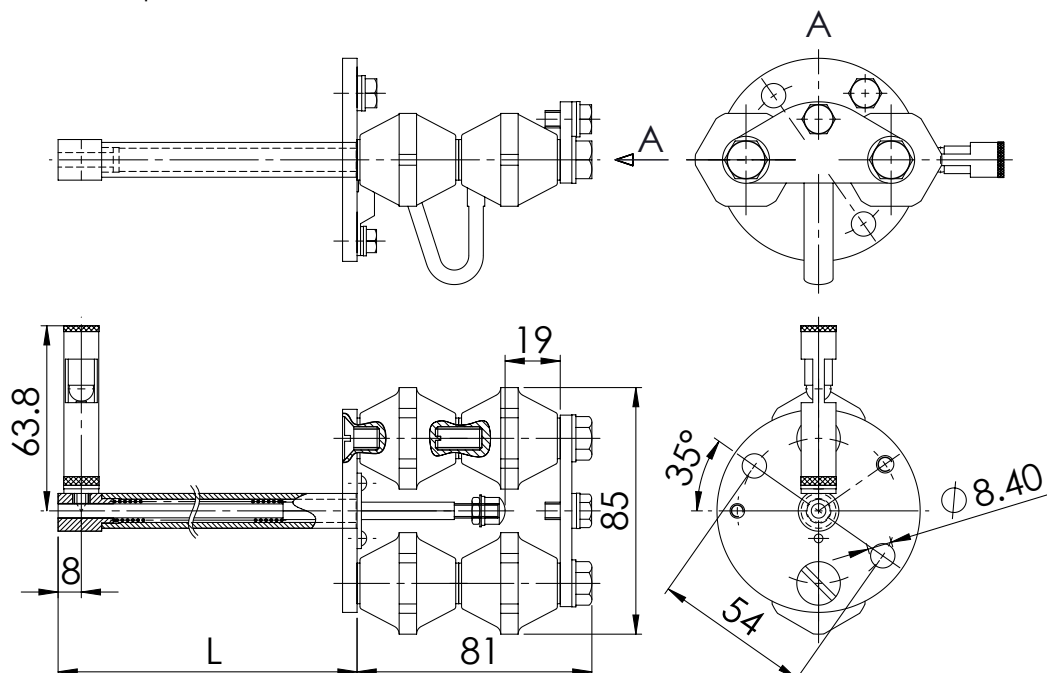
Execution

- Various triggering temperatures
- Different lengths of the shift rod

Technical data

Characteristic		Length switching rod		
		Short	Medium	Long
Nominal voltage	U_N	1'000 VAC / 1'500 VDC		
Max. operating voltage	U_{max}	1'200 VAC / 1'950 VDC		
Rated insulation voltage	U_{Nm}	2'300 V		
Max. Strom	I_{max}	100 A		
Ambient temperature	$T_{Umg.}$	-40 °C up to +200 °C		
Switching temperature ¹⁾	T_{Aus}	+120 °C up to +270 °C		
Max. humidity	RH	95 %		
Degree of pollution according EN50124-1		PD3		
Overvoltage category according EN50124-1		OV3		
Protection degree according EN 60529		IP 00		
Length	L	102 mm	230 mm	415 mm
Weight	m	ca. 720 g	ca. 820 g	ca. 960 g

¹⁾Other switching temperatures on request



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Order numbers

Switching temperature ¹⁾ [°C]	Length switching rod		
	Short	Medium	Long
.. ²⁾	HBTB585626R1000	HBTB585626R2000	HBTB585626R3000
120	HBTB585626R1120	HBTB585626R2120	HBTB585626R3120
150	HBTB585626R1150	HBTB585626R2150	HBTB585626R3150
160	HBTB585626R1160	HBTB585626R2160	HBTB585626R3160
190	HBTB585626R1190	HBTB585626R2190	HBTB585626R3190
230	HBTB585626R1230	HBTB585626R2230	HBTB585626R3230
270	HBTB585626R1270	HBTB585626R2270	HBTB585626R3270

¹⁾ Other switching temperatures on request

²⁾ Execution without cartridge

Applied standards

Standard	Description
EN50124-1:2001 +Corrigendum May 2010	Railway applications - Insulation coordination - Part 1: Basic requirements - Clearances and creepage distances for all electrical and electronic equipment
IEC60077-1:1999	Railway applications - Electric equipment for rolling stock - Part 1: General service conditions and general rules
EN50163:2004	Railway applications - Supply voltages of traction systems
EN45545-2	Railway applications - Fire protection on railway vehicles - Part 2: Requirements for fire behaviour of materials and components
EN60529:1991 +A1:2000+A2:2013	Degrees of protection provided by enclosures (IP code)