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**Generell**

Sleeving: Open	Special feature: forcibly guided contact set	Connections: Soldering pins
Contact set: 220	Dimensions: 57,8x20,5x48,6 mm	Weight: 90 g

**Technical Data**  $T_u = 20^\circ\text{C}$

Switching voltage,max	AC 230/240 V	DC 300 V
Switch. capacity,max 2.000/120 VA/W	Switching current,max 10 A	Constant current,max 10 A
Contact resistance<100mOhm		
Endurance,mech. >1x10 <sup>7</sup>	Endurance,electr. AC15 230/240 V, I <sub>e</sub>	1x10 <sup>5</sup> Switching cycle
<b>Switching capacity</b>	4 A	DC13 24 V, I <sub>e</sub>
AgSnO <sub>2</sub> -12p / 5 μm Au		2 A

Insulation	AC 120 V	AC 240 V	AC 230 V	AC 400 V	Test voltage
contact-contact	D-I	D-I	B-I	B-I	2.500V
contact set drive	D-I	D-I	B-I	B-I	2.500V

D-I = Reinforced (double) insulation      B-I = Basic insulation

**switch time** energizing with 1,5\*U

t <sub>a-0</sub>	t <sub>a-s</sub>	t <sub>r-0</sub>	t <sub>r-s</sub>
17 ms	23 ms	5 ms	7 ms
Shock resistance at 16 ms 10 g		Vibration resistance at 10-55 Hz 10 g	
Ambient temperature -25...+80°C			

**Operating voltage**

T <sub>u</sub> /°C	coil I: R = 480,0 Ohm				U <sub>nenn</sub> +10/ -15%			
	U <sub>1</sub>	U <sub>2</sub>	U <sub>3</sub>	U <sub>rück</sub>	min	max		
20	13,9	43,9	41,8	3,0	17,0	39,9		V
20	13,9	43,9	41,8	3,0	17,0	39,9		V
20	13,9	43,9	41,8	3,0	17,0	39,9		V

All data do not represent any binding characteristics and may be subject to technical alterations.

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