



HOZ-33462/24-001306-420/089.00 Article No.: 462-1544

**General**

Enclosure: Special Open	feature: forcibly guided contact set	Connections: Soldering pins
Contact set (NO/NC/CO) 420	Dimensions: 67,4x20,5x48,6 mm	Weight: 115 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. >10	<sup>5</sup> Switching cycles
<b>Switching capacity</b>	AC15 230/240 V, I <sub>e</sub>	DC13 24 V, I <sub>e</sub>
AgSnO <sub>2</sub> -12p / 5 μm Au	4 A	2 A

<b>Insulation</b>	AC 120 V	AC 240 V	AC 230 V	AC 400 V	<b>Test voltage</b>
contact-contact	D-I	D-I	B-I	B-I	2.500V
contact sets - 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<sub>i</sub>

t <sub>a-nc</sub> 17 ms	t <sub>a-no</sub> 23 ms	t <sub>r-no</sub> 5 ms	t <sub>r-nc</sub> 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 = 10000,0 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	140,0	299,6	308,1	14,7	144,4	272,4		V
-5	126,3	327,4	277,9	13,2	130,2	297,7		V
20	140,0	299,6	308,1	14,7	144,4	272,4		V

Quoted data does not represent any binding characteristics and may be subject to technical alterations.

Hengstler GmbH GB Bauelemente, Postfach 1249, D - 78 561 Wehingen, Tel: + 49 (7426) 68-0,Fax: + 49 (7426) 68-281