



HOZ-03462/24-001316-420/078.00 Article No.:462-1210

General

Enclosure: Open	Special feature: forcibly guided contact set	Connections: Soldering pins
Contact set (NO/NC/CO) 420	Dimensions: 67,4x20,5x48,6 mm	Weight: 105 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 < 100 mOhm		
Endurance,mech. > 1x10 ⁷	Endurance,electr.	> 10 ⁵ Switching cycles
Switching capacity	AC15 230/240 V, I _e	DC13 24 V, I _e
AgCdO-10 / 0,2 μm Au	4 A	1,6 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 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_I

t _{a-nc}	t _{a-no}	t _{r-no}	t _{r-nc}
20 ms	28 ms	3,8 ms	6,5 ms
Shock resistance at 11 ms 10 g		Vibration resistance at 10-100 Hz 10 g	
Ambient temperature -25...+80°C			

Operating voltage

T _u /°C	coil I: R = 480,0 Ohm				U _{nenn} +10/ -15%			
	U ₁	U ₂	U ₃	U _{rück}	min	max		
20	15,5	43,9	41,8	3,0	19,0	39,9		V
-5	14,0	48,0	37,7	2,7	17,1	43,6		V
20	15,5	43,9	41,8	3,0	19,0	39,9		V

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

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