



HOZ-03462/14-001316-310/079.00 Article No.:462-1027

**General**

|                               |   |                                |
|-------------------------------|---|--------------------------------|
| Enclosure:<br>Open            | Special feature:<br>forcibly guided contact set | Connections:<br>Soldering pins |
| Contact set (NO/NC/CO)<br>310 | Dimensions:<br>57,8x20,5x48,6 mm                | Weight:<br>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. > 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> |
| 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<sub>i</sub>

|                                 |                   |  |                   |
|---------------------------------|-------------------|--|-------------------|
| t <sub>a-nc</sub>               | t <sub>a-no</sub> | t <sub>r-no</sub>                      | t <sub>r-nc</sub> |
| 17 ms                           | 23 ms             | 5 ms                                   | 6,8 ms            |
| Shock resistance at 11 ms 10 g  |                   | Vibration resistance at 10-100 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 |
| -5                 | 12,6                  | 48,0           | 37,7           | 2,7               | 15,3                        | 43,6 |  | V |
| 20                 | 13,9                  | 43,9           | 41,8           | 3,0               | 17,0                        | 39,9 |  | V |

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

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