



HOZ-03462/14-001312-220/092.00 Artikel-Nr.: 462-1551

**Generell**

|                     |   |                                |
|---------------------|---|--------------------------------|
| Sleeving:<br>Open   | Special feature:<br>forcibly guided contact set | Connections:<br>Soldering pins |
| Contact set:<br>220 | 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.              | 1x10 <sup>5</sup> Switching cycle |
| <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                               |

| 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-o</sub>                | t <sub>a-s</sub> | t <sub>r-o</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 = 1700,0 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                 | 27,3                   | 82,9           | 82,8           | 5,9               | 33,3                        | 75,4 |  | V |
| 20                 | 27,3                   | 82,9           | 82,8           | 5,9               | 33,3                        | 75,4 |  | V |
| 20                 | 27,3                   | 82,9           | 82,8           | 5,9               | 33,3                        | 75,4 |  | V |

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