

Technical specifications

| Data according to DIN VDE 0435-110, IEC 60255 | | | 5TT3 171 |
|-------------------------------------------------------------|----------------------------------------|----------------------|-----------------|
| Rated control voltage U_c | | V AC | 230 |
| Operating range | | $\times U_c$ | 0.85 ... 1.15 |
| Rated frequency | | Hz | 50/60 |
| Rated power dissipation P_v | electronics | VA | 5 |
| | contacts | VA | 2.6 |
| Monitoring voltage | | V | 3 |
| Response value | adjustable | VA | 2 ... 20 |
| Release value | % of the response value | | 70 |
| Rated impulse withstand voltage U_{imp} | input/output | kV | > 4 |
| Rated operational voltage U_e | | V AC | 250 |
| Rated operational current I_e | AC-1 | A | 16 |
| | AC-11 | A | 3 |
| Contacts | | | μ contact |
| Electrical service life | in switching cycles at 3 A, AC-11 | | 5×10^5 |
| Terminals | +/- screw (Pozidriv) | | 1 |
| Conductor cross-sections | rigid | max. mm ² | 2 × 2.5 |
| | flexible with sleeve | min. mm ² | 1 × 0.5 |
| Permissible ambient temperature | | °C | -20 ... +60 |
| Degree of protection | according to DIN 60529 | | IP20 |
| Safety class | according to EN 61140/ VDE 0140 Part 1 | | II |
| Humidity class | according to IEC 60068-2-30 | | F |