

Technical specifications

| Data according to DIN VDE 0435-110, IEC 60255 | | | 5TT3 435 |
|--|--------------------------|----------------------|----------------|
| Rated control voltage U_c | | V AC | 230 |
| Operating range | | $\times U_c$ | 0.8 ... 1.1 |
| Rated frequency | | Hz | 50/60 |
| Setting range of the liquid level | | k Ω | 2 ... 450 |
| Switching point hysteresis of set value | at 450 k Ω | % | 3 |
| | at 2 k Ω | % | 6 |
| Voltage temperature influence | from set value | % | < 2 |
| Max. cable length to the electrodes at 100 μF/km | set value k Ω | | |
| | 450 | m | 50 |
| | 100 | m | 200 |
| | 35 | m | 500 |
| | 10 | m | 1500 |
| | 5 | m | 3000 |
| Electrode voltage, max. | AC | V | approx. 10 |
| Electrode current, max. | AC | mA | approx. 1.5 |
| Response delay | adjustable | s | 0.2 ... 20 |
| OFF-delay | adjustable | s | 0.2 ... 20 |
| Rated operational voltage U_e | | V | 250 |
| Rated operational current I_e | | A | 5 |
| Test voltage | input/auxiliary circuit | kV | 4 |
| | input/output circuit | kV | 4 |
| | auxiliary/output circuit | kV | 4 |
| Terminals | +/- screw (Pozidriv) | | 2 |
| Conductor cross-sections | rigid | max. mm ² | 2 \times 2.5 |
| | flexible with sleeve | min. mm ² | 1 \times 0.5 |
| Permissible ambient temperature | | °C | -20 ... +60 |
| Resistance to extreme climates | according to EN 60068-1 | | 20/60/4 |