

Technical specifications

| | | | | | 4AC2 400 | 4AC2 401 | 4AC2 402 |
|--|--------------|------------------------------------|-----|---------------------------------|-----------------|----------|--|
| Standards | | | | | EN 61558-2-6 | | EN 60068-2, EN 61558-1, EN 61000-4 |
| Approved acc. to | | | | | EN 61558-2; IMQ | | -- |
| Rated operational power P_s | | W | | | 24 | 43 | 8.4 |
| Rated operational voltage U_e | | V AC | | 230 | | | 85 ... 265 |
| | | V DC | | -- | | | 85 ... 300 |
| Permissible operational voltage for the 5TT7 1 GSM alarm module | | V AC/DC | | -- | | | 150 ... 265 |
| Operating range | at 50/60 Hz | × U_e | | 0.9 ... 1.1 | | | -- |
| Rated frequency | | Hz | | 50 | | | 50/60 |
| Operating frequency range | | Hz | | 48 ... 52 | | | -- |
| Rated secondary voltage U_{sec} | | V DC | | 12 | 24 | | 24 ± 5 % |
| Rated secondary current I_{sec} | | A DC | | 2.0 | 1.8 | | 0.35 |
| Current limitation | | | | PTC | | | Electronic overload protection |
| Residual ripple | | mV | | -- | | | < 100 |
| Rated power dissipation P_v | | in no-load operation | W | 5 | 6 | | -- |
| | | at rated load | W | 10 | 15 | | -- |
| Hum-free | | core molded | | Yes | | | -- |
| Safe isolation | | creepage distances and clearances | mm | 8 | | | > 5.5 |
| Insulation class | | | | B | | | -- |
| Test voltage | | | | | | | |
| Primary against secondary winding | 50 Hz, 1 min | kV | | > 4 | | | -- |
| Insulation resistance | | kV | | -- | | | 4 |
| Rated impulse withstand voltage/ degree of pollution | | acc. to IEC 60664-1 | | -- | | | 6 kV/2 |
| Static overvoltage | | acc. to IEC/EN 61000-4-2 | kV | -- | | | 8 |
| RF irradiation | | acc. to IEC/EN 61000-4-3 | V/m | -- | | | 10 |
| Transient overvoltage (burst) | | acc. to IEC/EN 61000-4-4 | kV | -- | | | 4 |
| Transient overvoltage (surge) • Supply lines A1, A2 • A1/A2 and ground | | | | | | | |
| | | | kV | -- | | | 1 |
| | | | kV | -- | | | 2 |
| RF, conducted disturbance | | acc. to IEC/EN 61000-4-6 | V | -- | | | 10 |
| Interference suppression to lower limit class | | acc. to EN 61000-6-3 | | -- | | | Complied with |
| Terminals • Screw (slotted-head) • ± screw (Pozidriv) | | | | -- 1 | | | M2.5 -- |
| Conductor cross-sections • Rigid • Flexible, with end sleeve, min. | | | | | | | |
| | | mm ² mm ² | | 1.5 ... 6 0.75 | | | 0.5 ... 2.5 0.5 ... 1.5 |
| Permissible ambient temperature | | °C | | -10 ... +40 | | | -20 ... +60 |
| Permissible humidity | | % | | ≤ 80 | | | |
| Resistance to climate | | acc. to IEC/EN 60 068-1 | | -- | | | 20/045/04 |
| Resistance to vibrations Frequency 10 ... 55 Hz | | acc. to IEC/EN 60 068-2-6 | mm | -- | | | 0.35 amplitude |
| Degree of protection | | acc. to EN 60529 | | IP20, with connected conductors | | | |
| Safety class | | acc. to EN 61140 | | II | | | |