



Control transformer, 0.315 kVA, Rated input voltage 230± 5 % V, Rated output voltage 24 V

Part no. STN0,315(230/24)
Catalog No. 221510
Alternate Catalog No. STNP32-G2-B2

Delivery program

| | | | |
|---------------------------------------|--|-----|---|
| Product range | | | Single-phase control transformers ST... |
| Basic function | | | Single-phase STN control transformers |
| Rated input voltage | | V | 230± 5 % |
| Rated output voltage | | V | 24 |
| Rated power | | kVA | 0.315 |
| Short-time rating | | kVA | 0.6 |
| Terminal diagram / contact assignment | | | |

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|--|--|--|--|
| IEC/EN 61439 design verification | | | |
| 10.2 Strength of materials and parts | | | |
| 10.2.2 Corrosion resistance | | | Meets the product standard's requirements. |
| 10.2.3.1 Verification of thermal stability of enclosures | | | Meets the product standard's requirements. |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat | | | Meets the product standard's requirements. |
| 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects | | | Meets the product standard's requirements. |
| 10.2.4 Resistance to ultra-violet (UV) radiation | | | Meets the product standard's requirements. |
| 10.2.5 Lifting | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.6 Mechanical impact | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.7 Inscriptions | | | Meets the product standard's requirements. |
| 10.3 Degree of protection of ASSEMBLIES | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.4 Clearances and creepage distances | | | Meets the product standard's requirements. |
| 10.5 Protection against electric shock | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.6 Incorporation of switching devices and components | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.7 Internal electrical circuits and connections | | | Is the panel builder's responsibility. |
| 10.8 Connections for external conductors | | | Is the panel builder's responsibility. |
| 10.9 Insulation properties | | | |
| 10.9.2 Power-frequency electric strength | | | Is the panel builder's responsibility. |
| 10.9.3 Impulse withstand voltage | | | Is the panel builder's responsibility. |
| 10.9.4 Testing of enclosures made of insulating material | | | Is the panel builder's responsibility. |
| 10.10 Temperature rise | | | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| 10.11 Short-circuit rating | | | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.12 Electromagnetic compatibility | | | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.13 Mechanical function | | | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. |

Technical data ETIM 7.0

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| Low-voltage industrial components (EG000017) / One-phase control transformer (EC002486) | | | |
| Electric engineering, automation, process control engineering / Transformer, converter, coil / Control transformer / One-phase control transformer (ecl@ss10.0.1-27-03-13-02 [AAB620015]) | | | |
| Built as safety transformer | | | No |
| Built as isolating transformer | | | No |
| Built as energy saving transformer | | | No |
| Primary voltage 1 | | V | 230 - 230 |
| Primary voltage 2 | | V | 0 - 0 |
| Primary voltage 3 | | V | 0 - 0 |
| Primary voltage 4 | | V | 0 - 0 |
| Primary voltage 5 | | V | 0 - 0 |
| Primary voltage 6 | | V | 0 - 0 |
| Primary voltage 7 | | V | 0 - 0 |
| Primary voltage 8 | | V | 0 - 0 |
| Primary voltage 9 | | V | 0 - 0 |
| Primary voltage 10 | | V | 0 - 0 |
| Secondary voltage 1 | | V | 24 - 24 |
| Secondary voltage 2 | | V | 0 - 0 |
| Secondary voltage 3 | | V | 0 - 0 |
| Secondary voltage 4 | | V | 0 - 0 |
| Secondary voltage 5 | | V | 0 - 0 |
| Secondary voltage 6 | | V | 0 - 0 |
| Secondary voltage 7 | | V | 0 - 0 |
| Secondary voltage 8 | | V | 0 - 0 |
| Secondary voltage 9 | | V | 0 - 0 |
| Secondary voltage 10 | | V | 0 - 0 |
| Rated apparent power | | VA | 315 |

- ① Connection lugs
- ② Maximum space requirement
- ③ with STN0,06-02 ground connection at bottom

Assets (links)

Declaration of CE Conformity

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