

TU805K01

Compact Product Suite hardware selector



The TU805K01 is a kit consisting of 10 pcs TU805. TU805 is a 16-channel 50 V terminal unit for the S800 I/O modules DI801 and DO801. The Terminal Unit is a passive unit for the distribution of external process power.

Features and benefits

- Enables 2- and 3-wire connections of process signals.
- Direct mounting on the I/O module.
- Requires no extra space.

| General info | |
|---------------------|------------------------------------------------------------------------------|
| Article number | 3BSE035990R1 |
| Connection | Terminal block |
| Channels | 16 |
| Voltage | 50 V |
| Use with I/O | DI801, DO801 |
| Process connections | 2 x 2 Process power terminals 2 x 16 Process power distribution terminals |

| Detailed data | |
|---------------------------------|--------------------------------------------------------------------------------------|
| Maximum current per I/O channel | 1 A |
| Acceptable wire sizes | Solid: 0.2 - 1.5 mm ² Stranded: 0.2 - 1.5 mm ² , 24- 16 AWG |
| Dielectric test voltage | 500 V a.c. |

Environment and certification

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|---------------------------------|---------------------------------------------------------------------|
| CE mark | Yes |
| Electrical safety | EN 61010-1, UL 61010-1, EN 61010-2-201, UL 61010-2-201 |
| Hazardous Location | C1 Div 2 cULus, C1 Zone 2 cULus, ATEX Zone 2 |
| Marine certification | DNV-GL |
| Temperature, Operating | 0 to +55 °C (+32 to +131 °F), approvals are issued for +5 to +55 °C |
| Temperature, Storage | -40 to + 70 °C (-40 to +158 °F) |
| Pollution degree | Degree 2, IEC 60664-1 |
| Corrosion protection | ISA-S71.04: G3 |
| Relative humidity | 5 to 95 %, non-condensing |
| Max ambient temperature | 55 °C (131 °F) |
| Protection class | IP20 according to IEC 60529 |
| Mechanical operating conditions | IEC/EN 61131-2 |
| EMC | EN 61000-6-4, EN 61000-6-2 |
| Overvoltage categories | IEC/EN 60664-1, EN 50178 |
| Equipment class | Class I according to IEC 61140; (earth protected) |
| RoHS compliance | EN 50581:2012 |
| WEEE compliance | DIRECTIVE/2012/19/EU |

Dimensions

| | |
|--------|---------|
| Width | 86.1 mm |
| Depth | 40.5 mm |
| Height | 40.5 mm |
| Weight | 0.3 kg |

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