

## Overview

### Product information



### TSB4-10070000035

Transformer terminal blocks, Rated current: 32A. Rated voltage  
(III/2) : 450V, Color: Orange, Contact surface : Tin

### Product advantages

- ☑ Screw connection technology, safe and reliable
- ☑ Rail installation method, suitable for transformer wiring

### Product certification



## Technical data

### Product drawing

### 3D model

□

### Connection capacity

|                                  |                        |
|----------------------------------|------------------------|
| Conductor cross section solid    | 0.5~4mm <sup>2</sup>   |
| Conductor cross section flexible | 0.5~4.0mm <sup>2</sup> |
| AWG                              | 20~12AWG               |
| Torque                           | 1.2N.m                 |
| Strip length                     | 9mm                    |

### Electrical parameters UL

|                   |      |
|-------------------|------|
| Rated voltage (B) | 600V |
| Rated voltage (C) | 600V |
| Rated voltage (D) | 600V |

|                   |     |
|-------------------|-----|
| Rated current (B) | 30A |
| Rated current (D) | 5A  |
| Rated current (C) | 30A |

#### Electrical parameters IEC

|                            |      |
|----------------------------|------|
| Rated current              | 450V |
|                            | 32A  |
| Rated voltage(III/2)       | 450V |
| Rated surge voltage(III/2) | 3KV  |

#### Item properties

|                      |                              |
|----------------------|------------------------------|
| Type of installation | panel                        |
| Connection method    | Screw connection             |
| Screwdriver          | slotted-phillips screwdriver |
| screw thread         | M4                           |
| Number of potentials | 1                            |
| Pluggable or not     | no                           |
| Number of rows       | 1                            |

#### Material data

|                             |                           |
|-----------------------------|---------------------------|
| Environmental items         | Compliant with REACH/RoHS |
| Contact material            | copper                    |
| Contact point metal surface | tin-plated                |
| Insulation Materials        | PA66                      |
| Insulating material group   | I                         |
| Flammability rating         | UL94V-0                   |

#### Mechanical tests

|                    |                 |
|--------------------|-----------------|
| Test Specification | UL1059/IEC60998 |
|--------------------|-----------------|

Environmental data

|                                 |                                          |
|---------------------------------|------------------------------------------|
| Ambient temperature (operation) | -40°C~105°C(depending on derating curve) |
|---------------------------------|------------------------------------------|

Accessories

Accessories

|               |      |
|---------------|------|
| Coding strip  | TZB4 |
| Bridge        | /    |
| Marking strip | /    |
| Others        | /    |

Tool

|                |   |
|----------------|---|
| Operating tool | / |
| Screwdriver    | / |

Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 10070000035 |
| Packing unit                        | 100         |
| Minimum order quantity              | 30          |
| Products weight (without packaging) | 5           |