

Panel feed-through terminal block - TW 50/ 2-CL - 1708745

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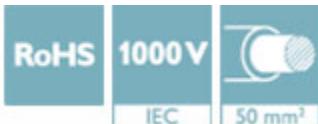


Panel feed-through terminal block, Connection method: T-LOX knee lever connection, Cable lug connection, Number of positions: 2, Load current : 150 A, Cross section: 10 mm² - 50 mm², Width: 58 mm, Color: gray

The figure shows a 5-pos. version of the product

Why buy this product

- Lever actuation enables time-saving and smooth connection of large conductors
- Defined contact force ensures that contact remains stable over the long term
- 90° open clamping space allows the conductor to be conveniently swiveled
- Quick, tool-free mounting on the housing wall using a fixing wedge



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 STK |
| Minimum order quantity | 10 STK |
| GTIN |  4 055626 020327 |
| GTIN | 4055626020327 |
| Weight per Piece (excluding packing) | 300.000 g |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

General

| | |
|-----------------------|--------------------|
| Number of levels | 1 |
| Number of connections | 2 |
| Nominal cross section | 50 mm ² |
| Color | gray |

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Technical data

General

| | |
|--|--------|
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Insulating material group | I |
| Nominal current I_N | 150 A |
| Maximum load current | 150 A |
| Nominal voltage U_N | 1000 V |
| Number of positions | 2 |

Dimensions

| | |
|-----------------|---------------|
| Width | 58 mm |
| Plate thickness | 1 mm ... 5 mm |

Connection data

| | |
|---|-----------------------------|
| Connection method | T-LOX knee lever connection |
| Conductor cross section solid min. | 10 mm ² |
| Conductor cross section solid max. | 50 mm ² |
| Conductor cross section flexible min. | 16 mm ² |
| Conductor cross section flexible max. | 50 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 10 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 50 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 10 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 50 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 6 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 16 mm ² |
| Connection side | Inside |
| Connection method | Cable lug connection |

Standards and Regulations

| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

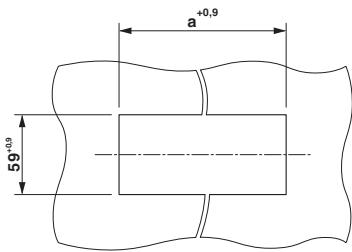
Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

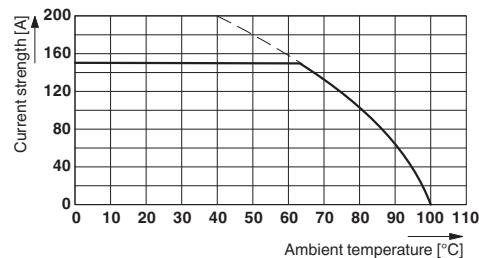
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Drilling diagram

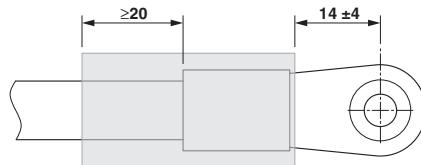


Dimension a = 49 mm

Diagram



Dimensional drawing



Electric strength > 19.7 kV/mm (IEC243), min. Wall thickness, fully shrunk ≥ 0.5 mm

Approvals

Approvals

Approvals

EAC / cULus Recognized / VDE approval of drawings

Ex Approvals

Approval details

EAC

EAC

B.01742

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Approvals

| | | | |
|----------------------------|---|---|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-20160914 |
| | | C | |
| mm ² /AWG/kcmil | | 8-1/0 | |
| Nominal current IN | | 150 A | |
| Nominal voltage UN | | 600 V | |

| | | | |
|----------------------------|---|--|----------|
| VDE approval of drawings |  | http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx | 40045667 |
| | | | |
| mm ² /AWG/kcmil | | 10-50 | |
| Nominal current IN | | 150 A | |
| Nominal voltage UN | | 1000 V | |