

## 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 mm²
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 <sup>2</sup>
Conductor cross section solid max.	50 mm <sup>2</sup>
Conductor cross section flexible min.	16 mm <sup>2</sup>
Conductor cross section flexible max.	50 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	10 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	50 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	10 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	50 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	16 mm <sup>2</sup>
Connection side	Inside
Connection method	Cable lug connection

### Standards and Regulations

Flammability rating according to UL 94	V0
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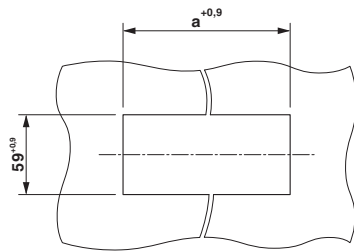
### Environmental Product Compliance

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

## Drawings

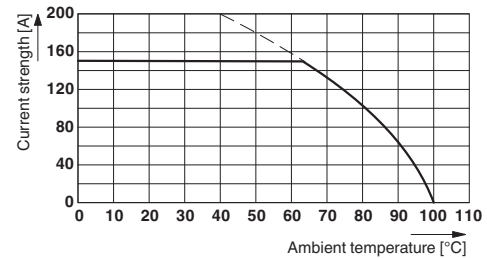
## Panel feed-through terminal block - TW 50/ 2-CL - 1708745

Drilling diagram

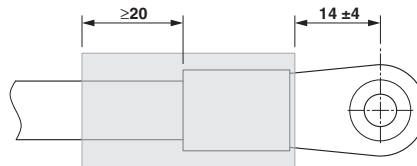


Dimension a = 49 mm

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




B.01742

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### Approvals

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-20160914
		C	
mm²/AWG/kcmil		8-1/0	
Nominal current I <sub>N</sub>		150 A	
Nominal voltage U <sub>N</sub>		600 V	

VDE approval of drawings		<a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a>	40045667
mm²/AWG/kcmil		10-50	
Nominal current I <sub>N</sub>		150 A	
Nominal voltage U <sub>N</sub>		1000 V	