

# Panel feed-through terminal block - TW 95/ 5-CL - 1708756

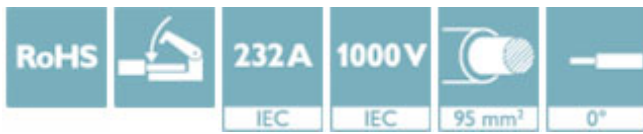
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Panel feed-through terminal block, connection method: T-LOX knee lever connection, Cable lug connection, number of positions: 5, load current: 232 A, cross section: 25 mm<sup>2</sup> - 95 mm<sup>2</sup>, AWG 4 - 3/0, connection direction of the conductor to plug-in direction: 0 °, width: 149 mm, color: gray

## 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	5 STK
Minimum order quantity	5 STK
GTIN	
GTIN	4055626020419

## Technical data

### General

Number of levels	1
Number of connections	2
Nominal cross section	95 mm <sup>2</sup>
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Ambient temperature (operation)	-40 °C (dependent on the derating curve)
Ambient temperature (storage/transport)	-40 °C ... 70 °C

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## Technical data

### General

Ambient temperature (assembly)	-5 °C ... 100 °C
Connection in acc. with standard	IEC 60947-7-1
Nominal current I <sub>N</sub>	232 A
Maximum load current	232 A
Nominal voltage U <sub>N</sub>	1000 V
Open side panel	No
Number of positions	5

### Dimensions

Width	149 mm
Length	120.05 mm
Pitch	25 mm
Plate thickness	1 mm ... 5 mm

### Connection data

Connection side	outside
Connection method	T-LOX knee lever connection
Note	Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area.
Conductor cross section solid min.	25 mm <sup>2</sup>
Conductor cross section solid max.	95 mm <sup>2</sup>
Conductor cross section flexible min.	25 mm <sup>2</sup>
Conductor cross section flexible max.	95 mm <sup>2</sup>
Conductor cross section AWG min.	4
Conductor cross section AWG max.	3/0
Conductor cross section flexible, with ferrule without plastic sleeve min.	25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	95 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	95 mm <sup>2</sup>
Stripping length	25 mm
Connection side	inside
Connection method	Cable lug connection
Stripping length	25 mm
Tightening torque, min	12 Nm
Tightening torque max	15 Nm

### Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0

### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
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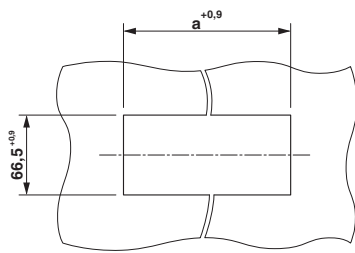
## Technical data

### Environmental Product Compliance

	No hazardous substances above threshold values
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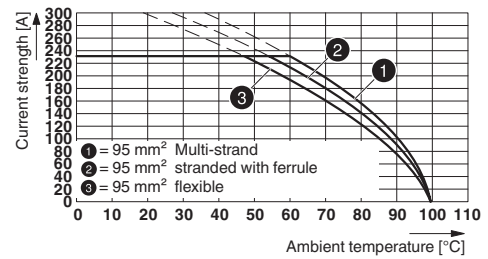
## Drawings

Drilling diagram



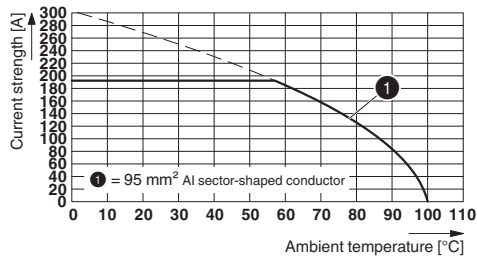
Dimension a = 139 mm

Diagram



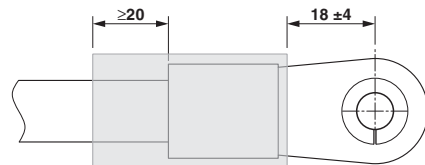
Type: TW 95/...-CL

Diagram



Type: TW 95/...-CL

Dimensional drawing



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

## Approvals

### Approvals

#### Approvals


VDE approval of drawings / cULus Recognized


#### Ex Approvals

### Approval details

## Panel feed-through terminal block - TW 95/ 5-CL - 1708756

### Approvals

VDE approval of drawings		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40045667
Nominal voltage UN		1000 V	
Nominal current IN		232 A	
mm <sup>2</sup> /AWG/kcmil		25-95	

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	
Nominal voltage UN		600 V	
Nominal current IN		200 A	
mm <sup>2</sup> /AWG/kcmil		4-3/0	

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