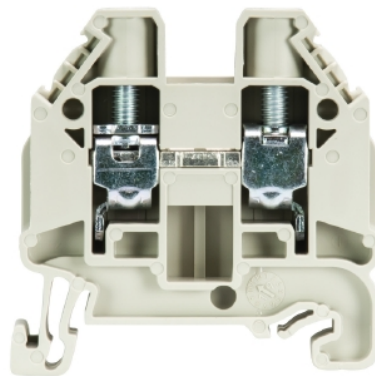


Data sheet

Commercial Art.No.: 58.510.0055.0

Feed-through terminal WT 10

Feed-through terminal with Screw connection for mounting on TS 35, nominal cross section: 10 mm², width: 10 mm, color: grey



Commercial Art.No.	58.510.0055.0
EAN	4049088154089
Order Unit	50

Certificates / Approvals



SEV-Ex



Technical data

General

Nominal cross section	10 mm ²
Color	Grey
Number of levels	1
Number of clamp positions per level	2
Width/grid dimension	10 mm
Insulating housing	PA666
Inflammability class of insulation material acc. with UL94	V0
Explosion-tested version "Ex e"	yes
Mounting method	DIN rail (top hat rail)
Terminal blocks for electrical installations	yes

Technical data

Rated current	57 A
Rated voltage	1000 V
Rated impulse voltage	8 kV
Pollution degree	3
Closing plate required	yes
Type of insulation material	Thermoplastic
Length	48 mm

Connection Data

Connection type 1	screw connection
-------------------	------------------

Connection type 2	screw connection
Minimum cross section solid	0.5 mm ²
Maximum cross section solid	16 mm ²
Minimum cross section fine stranded	0.5 mm ²
Maximum cross section fine stranded	16 mm ²
Minimum cross section stranded	16 mm ²
Maximum cross section stranded	16 mm ²
Minimum conductor cross section (flex., stranded) with cable end sleeve	0.5 mm ²
Maximum conductor cross section (flex., stranded) with cable end sleeve	10 mm ²
Wire strip length	13 mm
Torque conductor mounting	1.2 Nm

Technical Data UL/CSA

Cross section UL	20-6 AWG
Voltage UL	600 V
Current factory wiring	65 A
Current field wiring	65 A
Cross section CSA	20-6 AWG
Voltage CSA	600 V
Current CSA	65 A

Classification

ECLASS 11	
ECLASS 8.1	27141120
ETIM 7.0	EC000897
ETIM 6.0	EC000897
ETIM 5.0	EC000897
ETIM 4.0	EC000897

Product compliance

ROHS conformity status	Compliant
REACH-SVHC conformity status	Compliant

Technical Data IECEx

Cross section fine-stranded	0,5 - 10
Connectable conductor cross section solid	0,5 - 16
Connectable conductor cross section stranded	0,5 - 16
Rated current	57 A
Rated voltage	690 V

Technical Data ATEX

Cross section fine-stranded	0,5 - 10
Connectable conductor cross section solid	0,5 - 16
Connectable conductor cross section stranded	0,5 - 16
Rated current	57 A
Rated voltage	690 V

Accessories

Commercial Art.No.:	Article-type description:	Description:
Z7.283.8227.0	Jumper bar IVBWK 10- 2	Cross connector, insulated for DIN rail terminal blocks type WKF..., 2 - pole
98.300.0000.0	Mounting rail TS 35x7,5 UNPERF - l:2000mm	Mounting rail TS 35, unslotted, size 7,5 mm, length 2 m, material steel. galv. zinc-plated and passivated
98.300.1000.0	Mounting rail TS 35x7,5 PERF 15mm - l:2000mm	Mounting rail TS 35, slotted, size 7,5 mm, length 2 m, material steel. galv. zinc-plated and passivated
98.300.1900.0	Mounting rail TS 35x7,5 PERF 25mm - l:2000mm	Mounting rail TS 35, slotted, size 7,5 mm, length 2 m, material steel. galv. zinc-plated and passivated
98.360.0000.0	Mounting rail TS 35x15-2,3 UNPERF - l:2000mm	Mounting rail TS 35, unslotted, size 15 mm, length 2 m, material steel. galv. zinc-plated and passivated
98.360.0004.0	Mounting rail TS 35x15-2,3 UNPERF FZN - l:2000mm	Mounting rail TS 35, unslotted, size 15 mm, length 2 m, material steel, hot galvanized
98.370.0000.0	Mounting rail TS 35x15 UNPERF - l:2000mm	Mounting rail TS 35, unslotted, size 15 mm, length 2 m, material steel. galv. zinc-plated and dichromated
98.370.1000.0	Mounting rail TS 35x15 PERF 15mm - l:2000mm	Mounting rail TS 35, slotted, size 15 mm, length 2 m, material steel. galv. zinc-plated and passivated
98.380.0000.0	Mounting rail TS 35x15-2,3 UNPERF CU - l:2000mm	Mounting rail TS 35, unslotted, size 15 mm, length 2 m, material E copper
07.313.2555.0	End plate AP WT 2,5-10 GR	End plate for DIN rail terminal blocks type WT 2,5..., color: grey
07.313.2655.0	Partition TW WT 2,5-10 GR	Partition for DIN rail terminal blocks type WT 2,5, WT 4, WT 6 and WT 10..., color: grey
98.300.1800.0	Mounting rail TS 35x7,5 PERF 18mm - l:2000mm	Mounting rail TS 35, slotted, size 7,5 mm, length 2 m, material steel. galv. zinc-plated and passivated
04.242.5053.0	Marking tag strips 9705 A / 5 / 10	Marking tag strips for DIN rail terminal blocks type 9700 A / 5..., 10 tags per strip, color: blue, unmarked, markable with Wieplot plotter-system

These dimensions will be especially checked at delivery

Only inspection dimensions

With /E marked dimensions are only valid for internal use

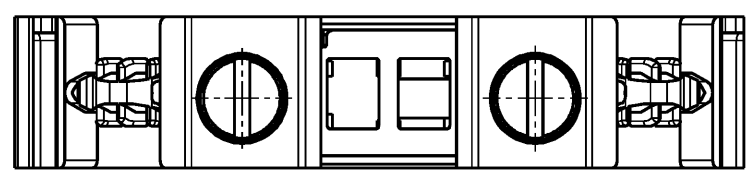
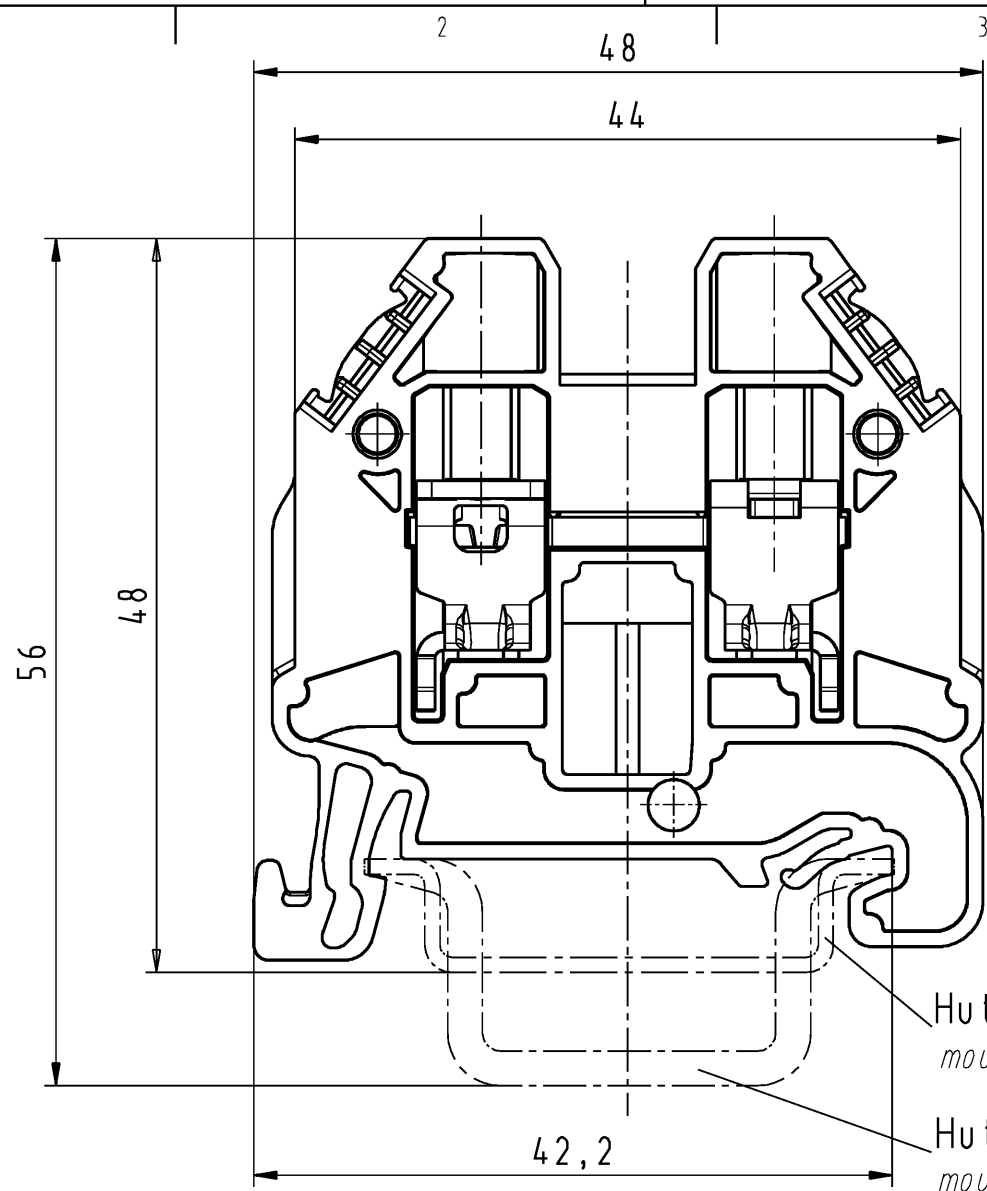
Diese Maße werden bei Abnahme besonders geprüft

Ausschließlich Prüfmaße

Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

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Teile-Nr./part no.	Farbe/color	Typ/type
58.510.0055.0	grau/grey	WT 10
58.510.0055.1	schwarz/black	WT 10 SW
58.510.0055.2	weiß/white	WT 10 WS
⑤ 58.510.0055.3	schiefergrau/slate grey	WT 10 GR
58.510.0055.4	braun/brown	WT 10 BR
58.510.0055.5	rot/red	WT 10 RT
58.510.0055.6	blau/blue	WT 10 BL
58.510.0055.7	grün/green	WT 10 GN
58.510.0055.8	gelb/yellow	WT 10 GE
58.510.0055.9	orange/orange	WT 10 OR

Weitere Daten siehe KATALOG oder eKatalog
additional data see CATALOG or eCATALOG

www.wieland-electric.com
eshop.wieland-electric.com

Tolerierung Size ISO 14405 ⑤ / Tolerance system Size ISO 14405 ⑤.
(This ISO-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).

ja/yes ☒ Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten.
Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach
General tolerance

CAD - Zeichnung, keine manuellen Änderungen
CAD - drawing, no manual modifications allowed

1. Verwendung:
First Use:

Blatt: 1 von 1
Sheet: 1 of 1

/

/

/

/

Maßstab / Scale

2:1

Werkstoff / Material

gezeichnet
drawn
geprüft
checked
Normgepr.
Stand. check

Tag/Date
21.01.2013

Name
Eller

Zeichnung Nr. / Drawing No.

T 58.510.0055.0 01K

Index
a

Maße in mm / Dimensions are in mm

/

/

Vol.

mm³

Ofl./Srf.

mm²

Ersatz für / Replacement for:

a

22.03.2017 /

Index

Datum / Blatt
Date / Sheet

wieland
www.wieland-electric.com

Type

Benennung/Title

DURCHGANGSKLEMME
through terminal

Änderung / Revision