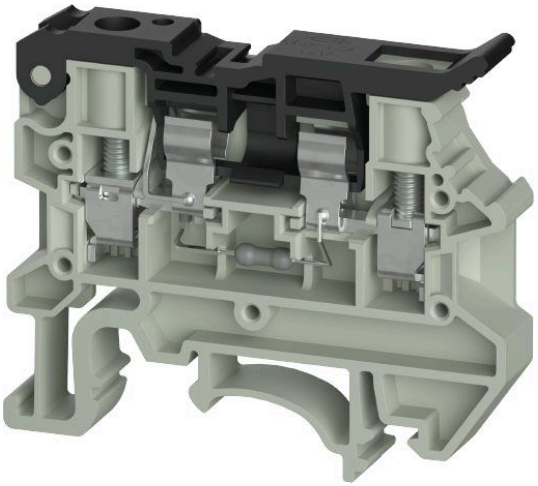
product data sheet

item no. 5D.S04.4555.0

fuse terminal WTN 4 FSI12 5X20

fuse terminal WTN 4 FSI12 5X20 rated voltage 12 V, rated current 12 A, screw connection, number of levels 1, number of clamp positions per level 2, nominal cross section 4 mm², connectable conductor cross section fine stranded without cable end sleeve 0,34mm² - 4mm², mounting method DIN rail (top hat rail), color grey, width/grid dimension 8 mm, inflammability class of insulation material acc. with ul94 V0



item no.	5D.S04.4555.0
EAN	4049088725074
order unit	50 piece(s)

certificates / approvals

technical data

general

nominal cross section	4 mm²
color	grey
number of levels	1
number of clamp positions per level	4
width/grid dimension	8 mm
insulating housing	PA
inflammability class of insulation material acc. with UL94	V0
mounting method	DIN rail (top hat rail)
terminal blocks for electrical installations	yes
Anschlussart	screw connection
Anzahl der Klemmstellen je Etage	4
Montageart	DIN rail (top hat rail)
Brennbarkeitsklasse des Isolierstoffs	V0
Reihenklemmen für Installationsverteiler	yes

technical data

rated current	12 A
rated voltage	12 V
rated impulse voltage	6 kV
pollution degree	3
closing plate required	yes
type of insulation material	thermoplastic
length	80.4 mm
width	8 mm
height	36.5 mm

connection data

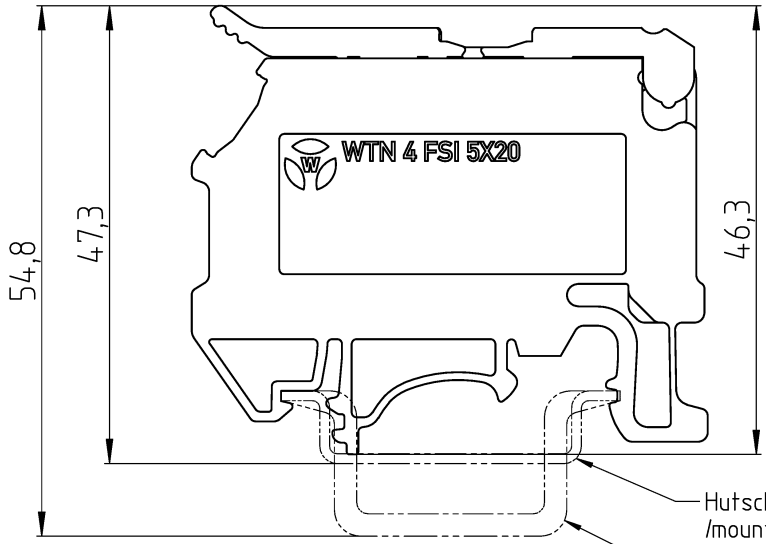
connection type	screw connection
connection type 1	screw connection
minimum cross section solid	0.34 mm²
maximum cross section solid	4 mm²
minimum cross section fine stranded	0.34 mm²
maximum cross section fine stranded	4 mm²
minumum conductor cross section (flex., stranded) with cable end sleeve	0.34 mm²
maximum conductor cross section (flex., stranded) with cable end sleeve	2.5 mm²
wire strip length	10 mm
torque conductor mounting	0.5 Nm

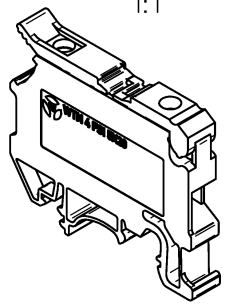
technical data UL/CSA

cross section UL	22-10 AWG
voltage UL	12 V
current factory wiring	12 A
current field wiring	12 A
cross section CSA	22-10 AWG
voltage CSA	12 V
current CSA	12 A

technical drawing

5D.S04.4455.0	5D.S04.4555.0	5D.S04.4655.0	5D.S04.4755.0	5D.S04.4855.0	5D.S04.4955.0
Max 12A 5V	Max 12A 12V	Max 12A 24V	Max 12A 48V	Max 12A 110V	Max 12A 220V





Bestell-Nr. /order no.	Typ /type	Farbe /colour
5D.S04.4355.0	WTN 4 FSI 5X20	grau / grey
5D.S04.4455.0	WTN 4 FSI5 5X20	grau / grey
5D.S04.4555.0	WTN 4 FSI12 5X20	grau / grey
5D.S04.4655.0	WTN 4 FSI24 5X20	grau / grey
5D.S04.4755.0	WTN 4 FSI48 5X20	grau / grey
5D.S04.4855.0	WTN 4 FSI110 5X20	grau / grey
5D.S04.4955.0	WTN 4 FSI220 5X20	grau / grey

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

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

Tolerierung Size ISO 14405 Ⓔ / Tolerance system Size ISO 14405 Ⓔ.
(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

Werkstoff / Material

Maßstab / Scale 2:1

Vol. mm³ Ofl./Srf. mm²

	Tag/Date	Name
gezeichnet drawn	16.09.2025	Sachs (extern)

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No.: T 5D.S04.4355.0 13K

Index

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

Index | Datum / Blatt Date / Sheet | Änderung / Revision

wieland

Type

Benennung/Title

SICHERUNGSKLEMME
fuse terminal

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Vertraulichkeitsklasse: Vertraulich
Confidentiality Class: confidential

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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01-QU-RD-32/21