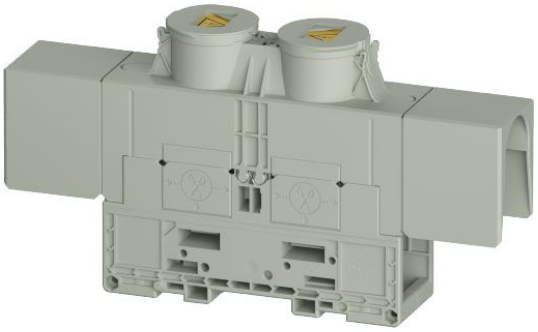
product data sheet

item no. 5D.S96.1655.0

high current terminal WRTN 120 U

high current terminal WRTN 120 U rated voltage 1500 V, rated current 269 A, bolt connection, number of levels 1, number of clamp positions per level 2, nominal cross section 120 mm², connectable conductor cross section fine stranded without cable end sleeve 6mm² - 120mm², mounting method DIN rail (top hat rail), color grey, width/grid dimension 42 mm, inflammability class of insulation material acc. with ul94 V0



item no.	5D.S96.1655.0
EAN	4049088725739
order unit	5 piece(s)

certificates / approvals

cULus

technical data

general

nominal cross section	120 mm²
color	grey
number of levels	1
number of clamp positions per level	2
width/grid dimension	42 mm
insulating housing	PA
inflammability class of insulation material acc. with UL94	V0
mounting method	DIN rail (top hat rail)
connection type	bolt connection
number of clamp positions per level	2
mounting method	DIN rail (top hat rail)
inflammability class of insulation material acc. with UL94	V0
halogen free	yes

technical data

rated current	269 A
rated voltage	1500 V
rated impulse voltage	8 kV
closing plate required	no
type of insulation material	thermoplastic
length	220 mm
width	42 mm
height	119.5 mm

connection data

connection type	bolt connection
connection type 1	screw connection
minimum cross section solid	6 mm²
maximum cross section solid	120 mm²
minimum cross section fine stranded	6 mm²
maximum cross section fine stranded	120 mm²
torque conductor mounting	15 Nm

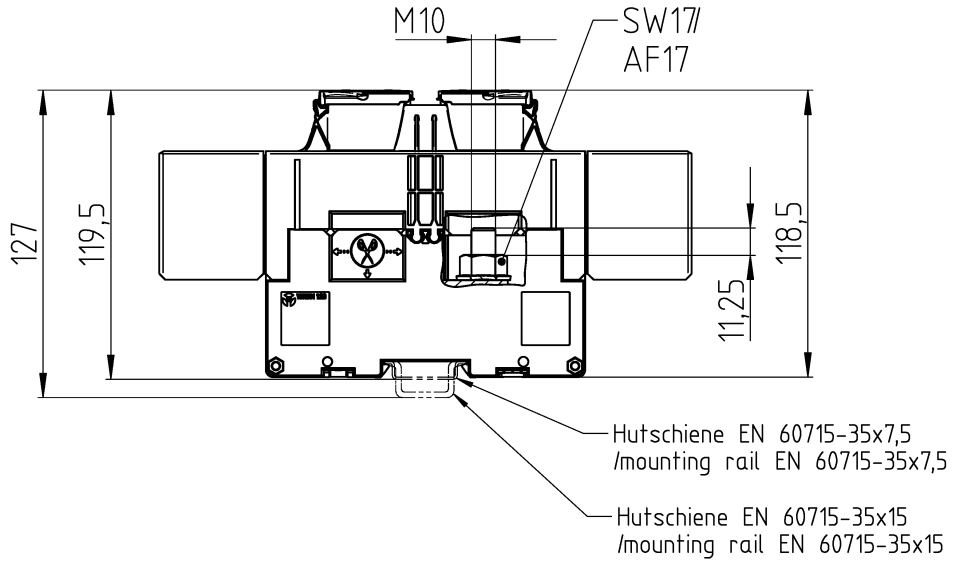
technical data UL/CSA

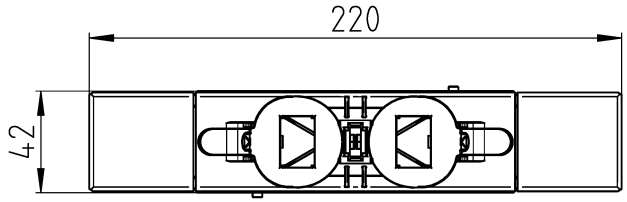
cross section UL	10 AWG - 250 kcmil
voltage UL	1500 V
current factory wiring	255 A
current field wiring	255 A
cross section CSA	10 AWG - 250 kcmil
voltage CSA	
current CSA	255 A

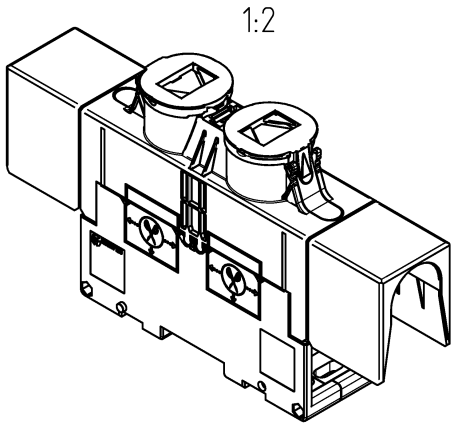
accessories

item no.	type	description
0D.S43.3227.0	jumper bar VB WRTN 120-2	jumper bar VB WRTN 120-2 modular spacing 42 mm, insulated no, number of poles 2, color grey, height 4 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.S43.3327.0	jumper bar VB WRTN 120-3	jumper bar VB WRTN 120-3 modular spacing 42 mm, insulated no, number of poles 3, color grey, height 4 mm, mounting method screwable, inflammability class of insulation material acc. with ul94 V0
0D.202.7281.0	marking strips WML 9.8/60	marking strips WML 9.8/60 material plastic, color white, length 230 mm, height 15.1 mm, inflammability class of insulation material acc. with ul94 V0
0D.210.7056.0	marking plate WMP 10-10	marking plate WMP 10-10 modular spacing 10 mm, material plastic, color white, length 128 mm, height 76 mm, mounting method snap-on, inflammability class of insulation material acc. with ul94 V0

technical drawing







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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

Weitere Daten siehe KATALOG oder eKatalog | www.wieland-electric.com
additional data see CATALOG or eCATALOG | 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		Tag/Date	Name	Zeichnung Nr. / Drawing No.	Index
	/		gezeichnet drawn	18.09.2025	Sachs (extern)	5D.S96.1655.0 13K	a
	/	Maßstab / Scale 1:2	Elektronische Freigabe Electronic Release			Maße in mm / Dimensions are in mm	
	/	Vol. mm³	Ofl./Srf. mm²	Ersatz für / Replacement for:			
	/			Type	Benennung/Title		
a	29.04.2026 /	wieland			HOCHSTROMKLEMME		
Index	Datum / Blatt Date / Sheet				high current terminal		
Änderung / Revision							

Bestell-Nr. /order no.	Typ /type	Farbe /colour
5D.S96.1655.0	WRTN 120 U	grau / grey

2026-05-20 10:08:38 1.000

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