product data sheet

item no. 5D.S96.1855.0

high current terminal WRTN 120 M12

high current terminal WRTN 120 M12 rated voltage 1000 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 32 mm, inflammability class of insulation material acc. with ul94 V0



item no.	5D.S96.1855.0
EAN	4049088725753
order unit	20 piece(s)

certificates / approvals

technical data

general

nominal cross section	120 mm²
color	grey
number of levels	1
number of clamp positions per level	2
width/grid dimension	32 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	1000 V
rated impulse voltage	8 kV
closing plate required	no
type of insulation material	thermoplastic
length	67 mm
width	32 mm
height	71 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	22 Nm

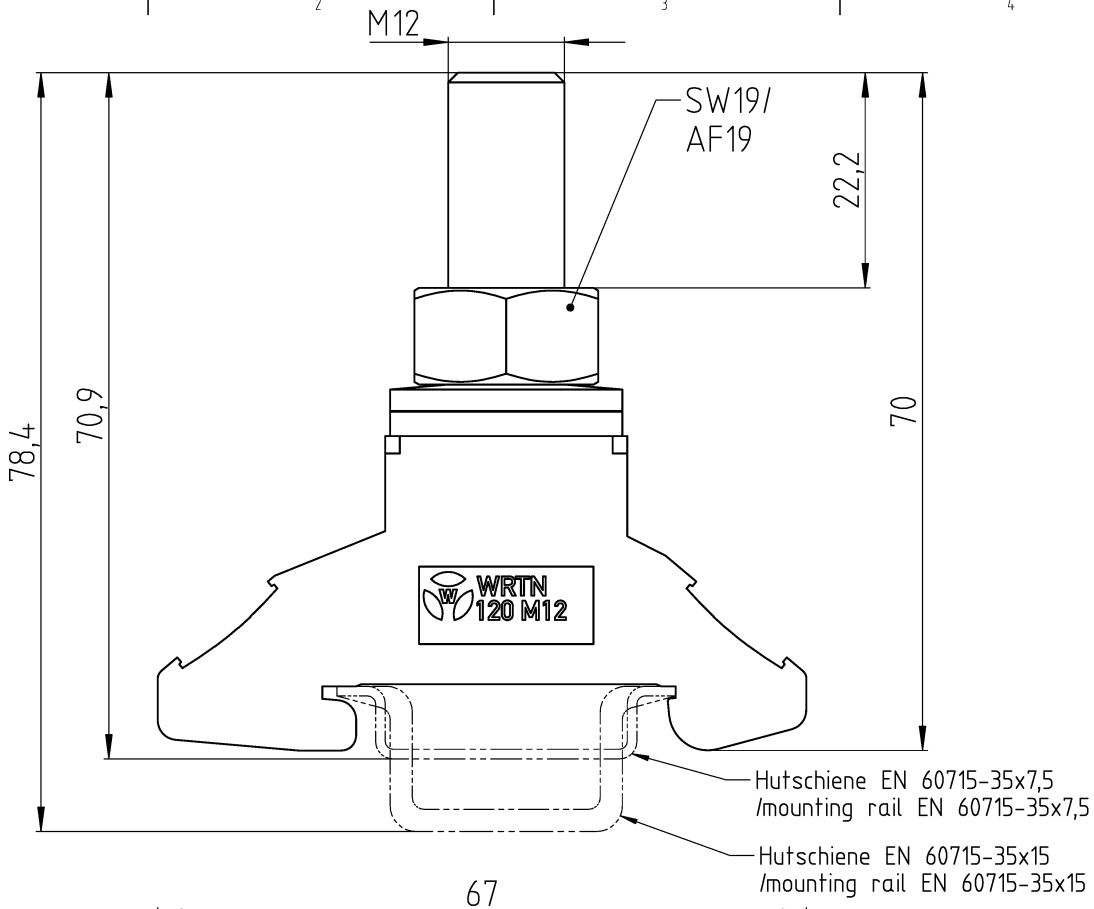
technical data UL/CSA

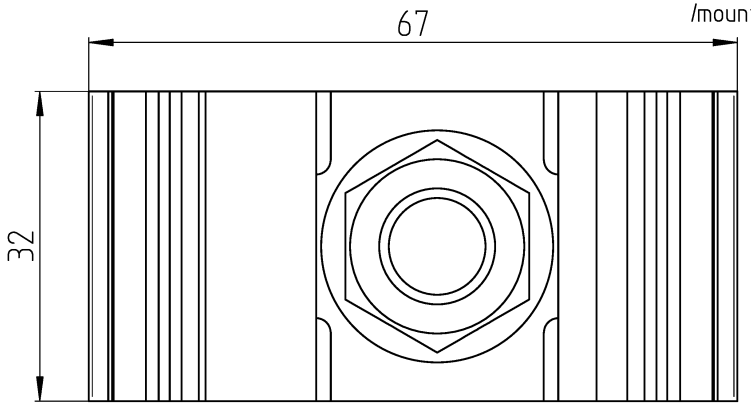
cross section UL	10 AWG - 250 kcmil
voltage UL	1000 V
current factory wiring	255 A
current field wiring	255 A
cross section CSA	10 AWG - 250 kcmil
voltage CSA	1000 V
current CSA	255 A

accessories

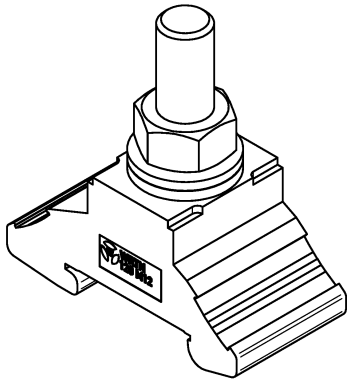
item no.	type	description
0D.S43.6155.0	cover ADWRTN 120 M10/12	cover ADWRTN 120 M10/12 length 118.8 mm, height 34.5 mm, material plastic, color grey, inflammability class of insulation material acc. with ul94 V0
0D.S50.1155.0	partition TW 002 WRTN	partition inflammability class of insulation material acc. with ul94 V0, type of end plate no, thickness 2 mm, length 151.5 mm, color grey
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.206.7056.0	marking plate WMP 8-10	marking plate WMP 8-10 modular spacing 8 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





1:1



© Alle Rechte vorbehalten
© All rights reserved
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

Bestell-Nr. /order no.	Typ /type	Farbe /colour
5D.S96.1855.0	WRTN 120 M12	grau / grey

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

Maßstab / Scale: 2:1

Vol. mm³ Ofl./Srf. mm²

Ersatz für / Replacement for:

	Tag/Date	Name
gezeichnet drawn	13.11.2025	Eichhorn N.

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No.: 5D.S96.1855.0 13K

Index: a

Maße in mm / Dimensions are in mm

Index	Datum / Blatt Date / Sheet	Änderung / Revision
a	29.04.2026 /	

wieland

Type

Benennung/Title

HOCHSTROMKLEMME

high current terminal