

Data sheet

Commercial Art.No.: 78.116.0153.0

High current module male FLE STS 1P 25 1K AG

Modular connector system 1 pole male insert + ground, 1000V/82A, screw connection



Commercial Art.No.	78.116.0153.0
EAN	4015573851368
Order Unit	5

Certificates / Approvals





Technical data

General

Model	Pin insert
Inflammability class of insulation material acc. with UL94	V0
Color	brown
Mating cycles	100
Pollution degree	3
Modular version	yes
Operating temperature range min.	-40 °C
Operating temperature range max.	120 °C

Connection Data

Connection type	screw connection
Number of poles	1
Plus switching contacts	0
Number of pole for rated current 2	0
Number of pole for rated current 3	0
Total number of poles (without ground contact)	1
With wire protection	No
Min. conductor diameter rigid (solid/stranded)	10 mm ²
Max. conductor diameter rigid (solid/stranded)	25 mm²
Protective contact	yes

Technical Data UL/CSA



600 V



Rated current according UL	82 A
Rated current according CSA	82 A
Min. conductor cross section flexible wire	10 mm ²
Max. conductor cross section flexible wire	25 mm²
Conductor cross section flexible AWG wire	8-4 AWG

Model

h housing	No
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Contacts

Contact material	Copper alloy
Surface	Silver-plated
Contact resistance	≤ 2 mOhm
Wire strip length	15 mm

Screws head design/recomm. Torque

Clamping screws	M6/2.5 Nm slot
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Technical Data DIN EN 61984

Nominal voltage	1000 V
Rated voltage face/ground	1000 V
Nominal current	82 A
Rated impulse voltage	6 kV

Classification

ECLASS 11	
ECLASS 8.1	27440205
ETIM 7.0	EC000438
ETIM 6.0	EC000438
ETIM 5.0	EC000438
ETIM 4.0	EC000438
ETIM 3.0	EC000438

Product compliance

ROHS conformity status	Compliant
REACH-SVHC conformity status	Compliant

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Geptuit C These dimensions will be especially checked of delivery Image: Giftig Image: Comparison of the com	2	3 3				Technische Daten Technical Data Bemessungsspannung rated voltage Bemessungsstrom rated current Anschluβbereich max connection range Bemessungsdaten rated data Klemmschraube clamping screw Kontaktbasismateric contact basis mater Diffusionssperre diffusion barrier Kontaktoberfläche contact surface	A x.mm²/AWG al rial	VDE 1000 82 25 1000V-82 M 6 CuZn ≥2 μm Ni ≥2 μm Ag	CURUS 600 82 8-4 A/8kV/3	Weitergabe sovie Vervietitiging dieses Dekunents, Ververtung und Mittelung seine hindrugs sind verbolderin, soviet inneh usardardisch gestattet. The reporterion sind vihitzition of this decunent as well as the communication of its conents to others without express autorization is prohibited.
Diese Maße werden bei Abnahme besonders gepruft Ausschließlich Prüfmaße Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig			23			Kontaktoberfläche	l e UL 94 V-0 <u>UL 94 V-0 h</u> E-Kontakt	PA6.6 halogenfr alogenfre	ei	
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F	<u>Montageanle</u>	eitung A 1894.001 beiliegend		tab/Scale colour: brown red X . mm ³ Off./Surf.	Normgepr. Stand. check			mm/Dimensions		

Montageanleitung A 1894.001 beiliegend assembly instruction being attached

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Туре

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Index Datum / Blatt Date / Sheet

Änderung/Revision

wieland

Elektrische Verbindungen

le-Nr.	Wieland-Typ	Polzahl n
t no.		pole n
116.0153.0	FLE STS 1P 25 1K AG	1

ja∕yes ⊠ Stoffverbots- und Deklarationsliste nach UU-TQM-05/03 ist einzuhalten. Canformity with Wieland document UU-TQM-05/03 (list of prohibited / declarable hazardous substances) to be declared!						
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	-		70.110.0155		VIN	
	-	Maße in mm/Dimensions are in mm				
cement for: -						
Benennung/Title						
HOCHSTROMSTIFTMODUL_1_POLIG						

QU-PEM-08/91

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