

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 mm ²
Protective contact	yes

Technical Data UL/CSA

Rated voltage according to UL/CSA	600 V
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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 mm ²
Conductor cross section flexible AWG wire	8-4 AWG

Model

With 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

