Product data sheet

Item No. 78.016.0253.0

Modular insert FLE STC 2 35 1

Modular connector system 2 pole male insert, 1000V/150A, crimp connection, turned contacts



Item No.	78.016.0253.0
EAN	4049088256318
Order Unit	10 Piece(s)

Certificates / Approvals

c UL us

Technical data

General

Model	Pin insert
Inflammability class of insulation material acc. with UL94	V0
Color	black
Mating cycles	500
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	2
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)	2
With wire protection	No
Min. conductor diameter rigid (solid/stranded)	
Max. conductor diameter rigid (solid/stranded)	
Protective contact	No

Technical Data UL/CSA

Rated voltage according to UL/CSA	600 V
Rated current according UL	
Rated current according CSA	
Min. conductor cross section flexible wire	16 mm²

Max. conductor cross section flexible wire	
Conductor cross section flexible AWG wire	6-2 AWG

Model

With housing	No

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

Technical Data DIN EN 61984

Nominal voltage	1000 V
Rated voltage face/ground	1000 V
Nominal current	82 A
Rated current 2	
Rated impulse voltage	6 kV

Technical drawing

