



SunCon BF5258

Industrial Connectors:SunCon:Sockets and plugs

Delivery informations

Availability	available
Document created at	18.06.2008

Product description

Description	cable socket, tritest, elastic insulating body with locking
Type	SunCon BF5258
Order No.	934 518-100
Housing Color	black
Other standard types	SunCon BM5258, Order no. 934 518-300 - packed 200 pieces in a covering box; SunCon BF5258, Order no. 934 518-400 - isolating body packed 200 piece in a covering box
Number of contacts	1

Technical data

Pin dimensions	5 mm
connectable solar-conductor-section	2,5 - 4 mm ² AWG 14/12
Type of contact	socket
Rated voltage	DC 1000 V
Rated current	30 A at 70 °C / 23 A at 85 °C
Suitable cables	5+0,2 up to 6+0
Contact resistance	< 5 mOhm

Material

Contact material	Cu-composition
Contact surface material	tin plated
Housing material	PP/TPE

Environmental conditions

Protection class (IEC 60529)	IP 68
Pollution severity	2
Temperature range	-40 °C to +85°C
Upper limiting temperature	+110 °C

Inflammability class

Housing	94 V-0
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Approvals

Technical Inspection Authority certification	2 PFG 1161:01/2006
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Packing unit

Packaging unit	100 pieces single packed
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Other features

Warning	The SunCon connectors are designed for fixed cable installations.
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