



## SunCon BFI

Industrial Connectors:SunCon:panel-mounted sockets and plugs

<b>Delivery informations</b>	
Availability	available
Document created at	18.06.2008
<b>Product description</b>	
Description	Appliance socket with locking for DC input to the inverter. Suitable for BM/BF cable plugs and cable sockets, hexagonal nut M12 x 1,5
Type	SunCon BM5258
Order No.	934 520-100
Housing Color	black
Number of contacts	1
<b>Technical data</b>	
Pin dimensions	5 mm
connectable solar-conductor-section	2,5 - 4 mm <sup>2</sup> 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 to 6 mm
Contact resistance	< 5 mOhm
<b>Material</b>	
Contact material	Cu-composition
Contact surface material	tin plated
Housing material	PBT
<b>Environmental conditions</b>	
Protection class (IEC 60529)	IP 68
Pollution severity	2
Temperature range	-40 °C to +85 °C
Upper limiting temperature	+110 °C
<b>Inflammability class</b>	
Housing	94 V-0
<b>Approvals</b>	
Technical Inspection Authority certification	pending
<b>Packing unit</b>	
Packaging unit	100 pieces
<b>Accessories</b>	
Accessories to order separately	Sealing cap SunCon VK, order no. 934 526-100, Sealing ring SunCon DR, order no. 934 582-000