



## Technical Data

### PV plug connector KSK 4

Rated current:	30 A @ 4 mm <sup>2</sup> (AWG 12)
Rated voltage:	1,000 V (IEC) / 600 V (UL)
Rated impulse voltage:	8,000 V
Contact resistance:	≤ 0.5 mΩ
Insertion force/ withdrawal force:	≤ 80 N
Temperatur range:	-40 °C to 85 °C (IEC) -40 °C to 90 °C (UL)
Upper limiting temperature:	105 °C
Contact surface:	Ag
Protection degree connected/unconnected:	IP67 / IP2X
Flammability class:	V0 (UL 94)
Connection method:	Crimping
Conductor cross section (wire range):	4 mm <sup>2</sup> (AWG 12) / 6 mm <sup>2</sup> (AWG 10) <sup>1)</sup>
Released wire types on request	
TÜV approval according to DIN EN 50521	
UL Recognized Component according to UL Subject 6703	

<sup>1)</sup> on request

- Plug image is already approved in the PV market
- Development and production is based on the KOSTAL-Group's know-how in the field of connecting systems
- Locking according to NEC 2011 optional

Smart  
connections.

Subject to technical modifications.  
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