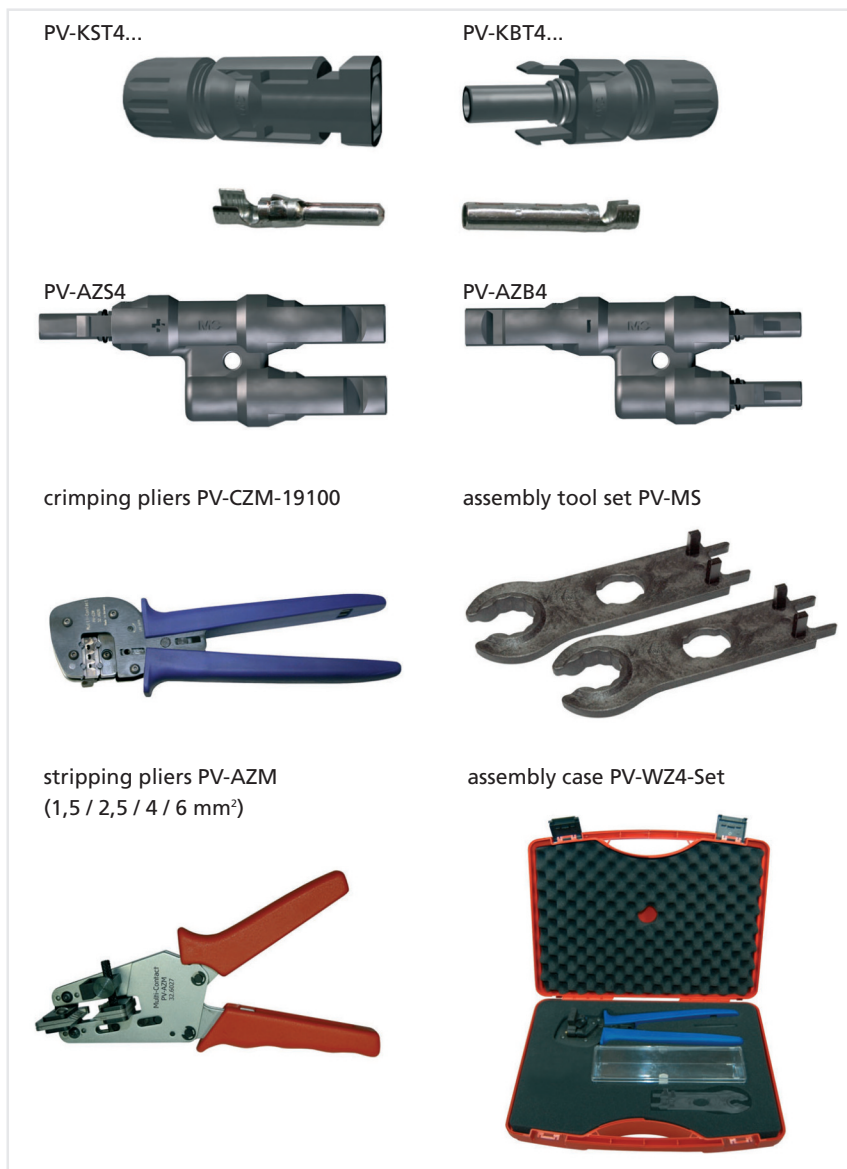


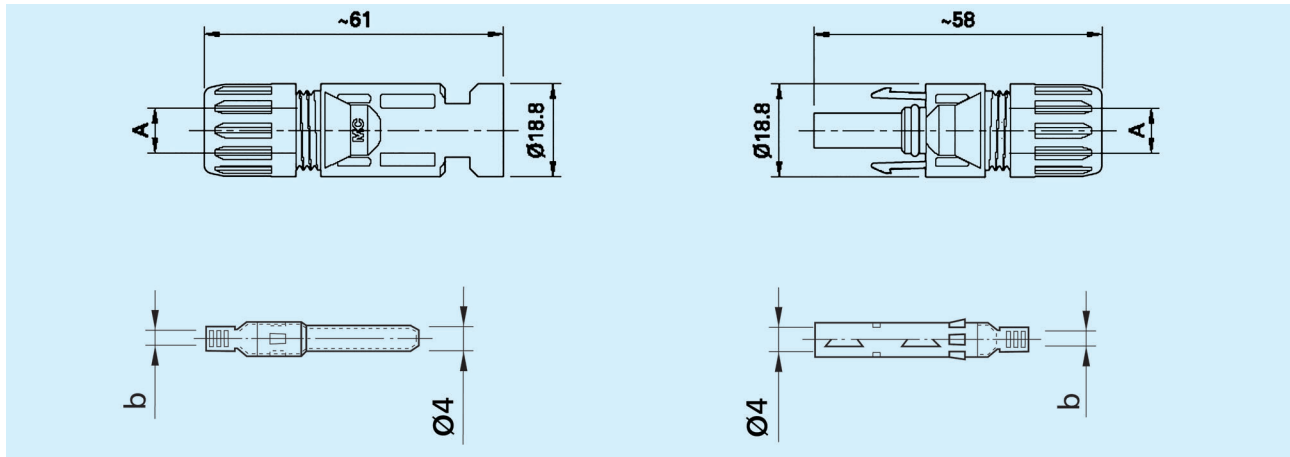
# PLUG CONNECTOR SYSTEMS

## for photovoltaic systems

### Multi-Contact plug connector system MC 4



- rated current max. 30 A<sup>(1)</sup>
- system voltage max. 1000 V
- protection mode, mated IP67
- easy to install
- "Snap in" locking system
- safety class II
- temperature range -40°C ... +90°C



PV male cable coupler PV-KST4...

PV female cable coupler PV-KBT4...

type	A (ø-range of cable gland)	b (reference dimension)	(cable cross section)
PV-KST4/2,5I	3–6 mm	3 mm	1,5–2,5 mm <sup>2</sup>
PV-KBT4/2,5I	3–6 mm	3 mm	1,5–2,5 mm <sup>2</sup>
PV-KST4/2,5II	5,5–9 mm	3 mm	1,5–2,5 mm <sup>2</sup>
PV-KBT4/2,5II	5,5–9 mm	3 mm	1,5–2,5 mm <sup>2</sup>
PV-KST4/6I	3–6 mm	5 mm	4–6 mm <sup>2</sup>
PV-KBT4/6I	3–6 mm	5 mm	4–6 mm <sup>2</sup>
PV-KST4/6II	5,5–9 mm	5 mm	4–6 mm <sup>2</sup>
PV-KBT4/6II	5,5–9 mm	5 mm	4–6 mm <sup>2</sup>

<sup>(1)</sup> depends on cable type and ambient temperature according to IEC 60364-5-523

## technical data

rated current	max. 30 A <sup>(1)</sup>
max. system voltage	1000V
contact material	copper, tin-plated
contact system	MC multilams
protection type	mated IP67
locking system	Snap-in
protection against accidental contact	unmated IP2X
temperature range	-40°C...+90°C
safety class	II

## type

MC plug connector PV-KST 4/2,5I  
 MC socket PV-KBT 4/2,5I  
 MC plug connector PV-KST 4/2,5II  
 MC socket PV-KBT 4/2,5II  
 MC plug connector PV-KST 4/6I  
 MC socket PV-KBT 4/6I  
 MC plug connector PV-KST 4/6II  
 MC socket PV-KBT 4/6II  
 branch plug PV-AZS4  
 branch socket PV-AZB4  
 crimping pliers PV-CZM-19100 for 2,5/4/6 mm<sup>2</sup>  
 cross section  
 stripping pliers PV-AZM for 1,5/2,5/4/6 mm<sup>2</sup>  
 cross section  
 assembly tool set PV-MS  
 PV-WZ4-SET (PV-CZM-19100 + PV-MS)  
 PV-WZ-AD/GWD for MC4  
 PV-WZ-AD4 for MC4

## article numbers

7200141201  
 7200142201  
 7200141202  
 7200142202  
 7200141501  
 7200142501  
 7200141502  
 7200142502  
 7200143005  
 7200144005  
 7200169010  
 7200139040  
 7200169025  
 7200169030  
 7200169035  
 7200169040