



**Contact Arrangement**  
mating view



**Contact Pin ø2.0 mm**  
crimp



**Contact Pin ø1.0 mm**  
crimp



**ZS4000-2090 | Power socket (male), M23, 8-pin, straight, for AM2000**

**Connector**

<b>Electrical data</b>	
Rated voltage	630 V (AC / DC) for power contacts 250 V (AC / DC) for signal contacts
Rated current	30 A for power contacts 7 A for signal contacts
Rated impulse voltage	6 kV for power contacts 2.5 kV for signal contacts
Overvoltage category	III
Shield	ja
<b>Mechanical data</b>	
Installation size (M12, M8,...)	M23
Connector type (plug, socket)	flange
Configuration (straight, angled)	straight
Contact type (male, female)	male
Number of positions (face)	8 (4 + PE + 4)
Wire termination	crimp
Mating cycles	500
Body material	zinc diecast / nickel plated
Contact carrier material	PA 6.6 mod., UL 94/V0
Contact material	brass / gold plated
Clamp ring material	brass / nickel plated
Sealing material	FKM
max. wire cross section	0.14 - 2.50mm <sup>2</sup> (AWG26 – AWG14)
<b>Environmental data</b>	
Other characteristics	RoHS-conform, UL-certified, UL 94-V0
Operation temperature range in °C (°F)	-20°C up to 130°C
Protection level	IP66/67 in screwed condition (according IEC 60529)
Degree of pollution	3
<b>Ordering information</b>	
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