



- Operating voltage up to 12 kVDC
- Operating current up to 25 A / 30 A
- Up to 14 high voltage contacts
- Robust industrial connector shells with lever locking system
- Combinable with modules for low voltage, signal transmission and pneumatic
- Protection class IP65 (mated connector)

## General characteristics and technical data type MOD-HP

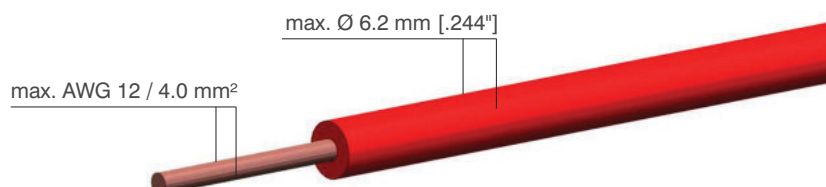
Housings	
Number of module slots	2, 3, 5, 7
Locking system	lever locking
Mounting type (panel mount connector)	4-hole-flange
Housing material	aluminium alloy
Surface plating	epoxy powder coating
Protection class (mated connector)	IP65 acc. DIN EN 60529
Operating temperature	-30°C to +80°C

Contacts type MOD-HP	
Termination method	crimp / solder
Rated current (at +23°C)	25 A
Contact resistance	≤ 2 mΩ
Contact diameter	2.5 mm
Wire size (AWG / cross section)	AWG 20-12 (0.5 - 4.0 mm <sup>2</sup> )
Contact material	copper alloy
Contact plating	silver (Ag)
Mating cycles	≥ 500

Contacts not included. Choose contacts from page 176.

Module type MOD-HP	
Number of pins	2
Material	PA 6.6 GF
Flammability class	UL94 V-0
Operating temperature	-40°C to +125°C
CTI-Value	600
Insulating material group	I (DIN IEC 60664)
Max. diameter of dielectric cable insulation (single wire)	6.2 mm

### Suitable cable dimensions (single wire)



Housings	
Number of module slots	2, 3, 5, 7
Locking system	lever locking
Mounting type (panel mount connector)	4-hole-flange
Housing material	aluminium alloy
Surface plating	epoxy powder coating
Protection class (in mated condition)	IP65 acc. DIN EN 60529
Operating temperature	-30°C to +80°C

Contacts type MOD-T	
Termination method	solder
Rated current (at +23°C)	30 A
Contact resistance	300μΩ
Contact diameter	2.7 mm
Wire size (AWG / cross section)	AWG 14 / 2.5 mm <sup>2</sup>
Contact material	brass (CuZn)
Contact plating	silver (Ag)
Mating cycles	≥ 100000

**Contacts included**

Module type MOD-T	
Number of pins	2
Module material	PA 6.6 GF
Insulation material	PTFE
Flammability class	UL94 V-0
Operating temperature modules	-40°C to +125°C
Operating temperature insulation parts	-50°C to +260°C
CTI-Value	600
Insulating material group	I (DIN IEC 60664)
Max. diameter of dielectric cable insulation (single wire)	7.2 mm

### Suitable cable dimensions (single wire)

