

381167279	<b>DATA SHEET</b>	
Valid from: 09.07.2025	<b>EPIC® H-K 004.1/4 MAS 6-16</b>	

### Description

- Combination insert Power and Signal
- High power in one connector insert
- Best in combination with ÖLFLEX® SERVO
- Axial-Screw termination



Images may vary

### General Characteristics

Series	H-K 4.1/4
Version	Male
Design Size	10B
Number of Contacts	8 + PE
Number of Power Contacts	4
Number of Signal Contacts	4
Termination Method Power	Axial screw termination: 6-16 mm <sup>2</sup> /AWG 10-6
Termination Method Signal	Cage spring termination: 0.14-2.5 mm <sup>2</sup> /AWG 26-14
Temperature Range	-40°C up to +125°C

### Mechanical Characteristics

Cycle of mechanical operation	≥ 500
Tightening torque power contact screw	2 Nm @ 6 mm <sup>2</sup> 3 Nm @ 10 mm <sup>2</sup> 4 Nm @ 16 mm <sup>2</sup>
Stripping length power connection	11-12 mm
Stripping length signal connection	7-9 mm

### Electrical Characteristics

Rated voltage Power, IEC	690 V
Rated Impulse Voltage Power	8 kV
Rated Current Power, IEC	63 A
Contact Resistance Power	≤ 0,5 mΩ
Rated voltage Signal, IEC	250 V
Rated Impulse Voltage Signal	4 kV
Rated Current Signal, IEC	16 A
Contact Resistance Signal	≤ 3 mΩ
Pollution degree Power/Signal	3

### Materials and Surfaces

Contacts	Copper alloy, hard-silver plated
Insulating Body	PC
Flammability Class according to UL 94	V-0

### Standard

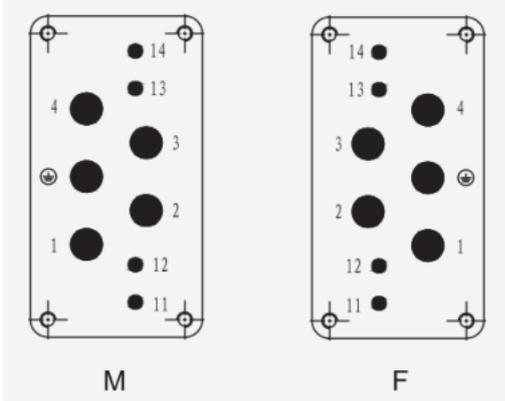
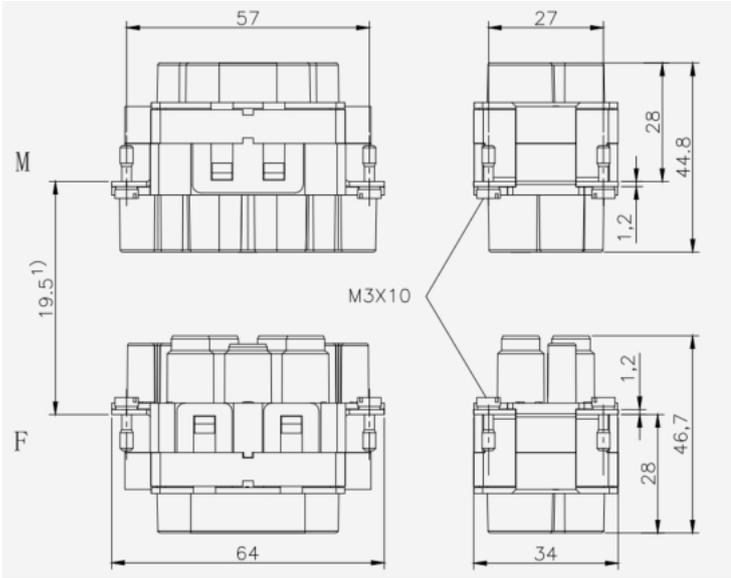
Safety Standard	IEC 61984, IEC 60664-1
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**Technical Drawings**



Pin assignment

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Industrial machinery and plant engineering



Temperature-resistant



Wind Energy

### Info

Combination Insert Power

### Application range

Plant engineering  
Renewable energy  
Control engineering

### Remark

Photographs are not to scale and do not represent detailed images of the respective products.

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