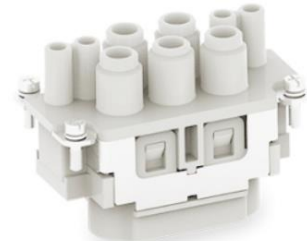


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Description

- 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 4.2/4
Version	Female
Design Size	10B
Number of Contacts	8 + PE
Number of Power Contacts	4
Number of Signal Contacts	4
Termination Method Power	Axial screw termination: 10-22 mm ² /AWG 8-4
Termination Method Signal	Cage spring termination: 0.14-2.5 mm ² /AWG 26-14
Temperature Range	-40°C up to +125°C

Mechanical Characteristics

Cycle of mechanical operation	≥ 500
Tightening torque power contact screw	4 Nm @ 16 mm ² 5 Nm @ 22 mm ²
Stripping length power connection	11-12 mm @ 16 mm ² 13-14 mm @ 22 mm ²
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 degreePower/Signal	3

Materials and Surfaces

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

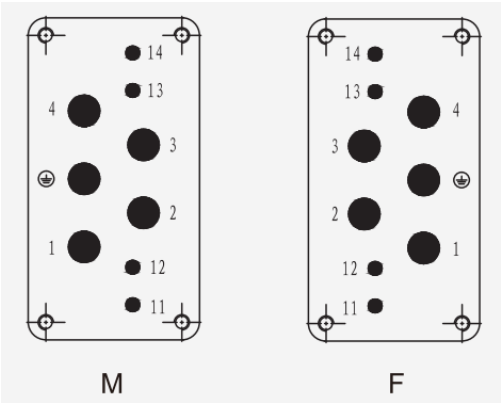
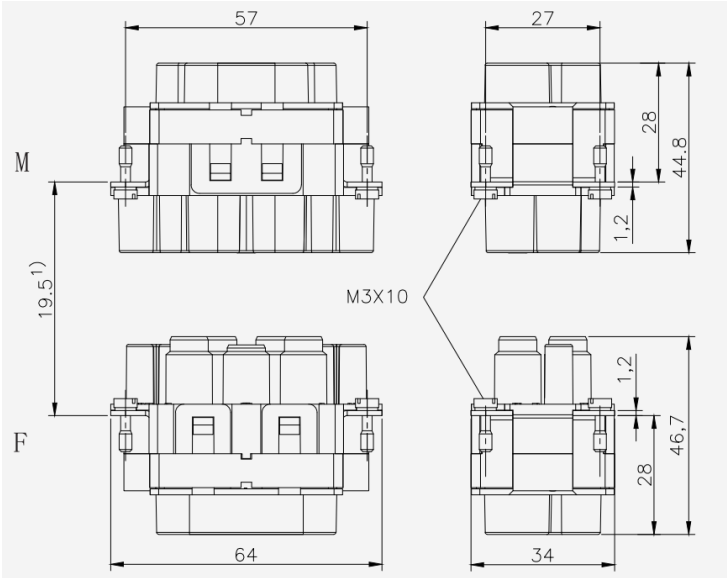
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Standard

Safety Standard IEC 61984, IEC 60664-1

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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