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| 381167281 | DATA SHEET |  |
| Valid from: 09.07.2025 | EPIC® H-K 004.1/4 FAS 6-16 | |

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 | 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: 6-16 mm ² /AWG 10-6 |
| 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

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

Electrical Characteristics

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| 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

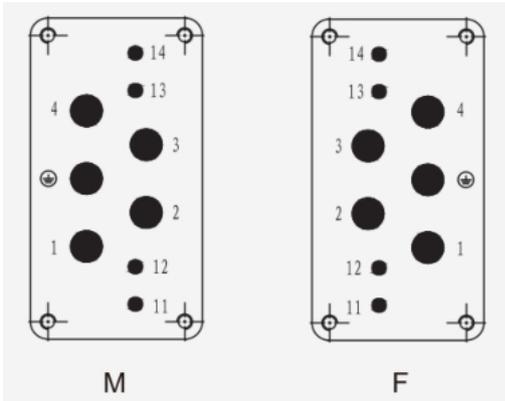
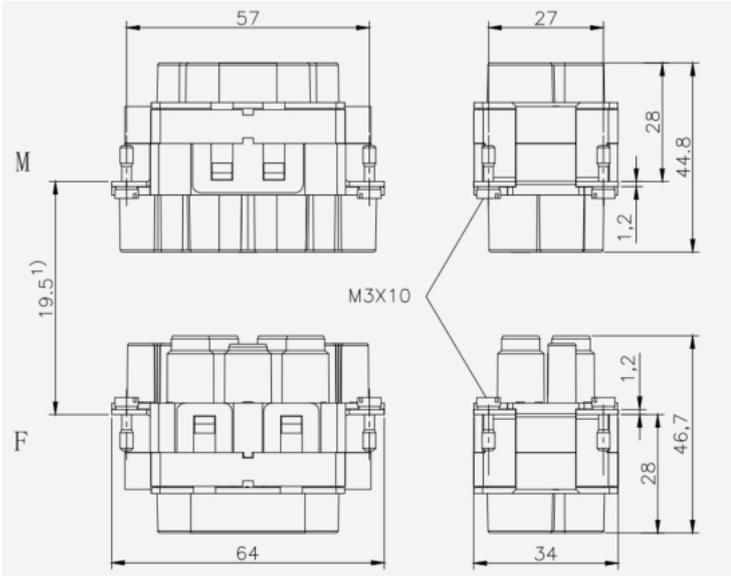
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|-----------------|------------------------|
| Safety Standard | IEC 61984, IEC 60664-1 |
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Technical Drawings



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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