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| 381167294 | DATA SHEET |  |
| Valid from: 10.07.2025 | EPIC® H-K 006/6 FAS | |

Description

- 6 + 6 Pin inserts for harnessing
- Suitable for the general machinery and plant engineering, renewable energy and plastic industry
- 6 power contacts
6 Signal contacts



Images may vary

General Characteristics

| | |
|--------------------------------|--------------------------------------|
| Series | H-K 6/6 |
| Version | Female |
| Design Size | 24B |
| Number of Contacts | 12 + PE |
| Number of Power Contacts | 6 |
| Number of Signal Contacts | 6 |
| Termination Method | Axial screw termination |
| Power Conductor Cross-Section | 16 – 35 mm ² /AWG 5-2 |
| Signal Conductor Cross-Section | 0.2 – 2.5 mm ² /AWG 24-14 |
| Temperature Range | -40°C up to +125°C |

Mechanical Characteristics

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|--|---|
| Cycle of mechanical operation | ≥ 500 |
| Tightening torque power contact screw | 6 Nm @ 16 mm ² 7 Nm @ 25 mm ² 8 Nm @ 35 mm ² |
| Tightening torque signal contact screw | 0.8 Nm |
| Stripping length power contact | 13-14 mm |
| Stripping length signal contact | 7.5 mm |

Electrical Characteristics

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| Rated voltage Power, IEC | 690 V |
| Rated Impulse Voltage Power | 8 kV |
| Rated Current Power, IEC | 100 A |
| Contact Resistance Power | ≤ 0,5 mΩ |
| Rated voltage Signal, IEC | 400 V |
| Rated Impulse Voltage Signal | 6 kV |
| Rated Current Signal, IEC | 16 A |
| Contact Resistance Signal | ≤ 3 mΩ |
| Pollution degree Power/Signal | 3 |

AbN
automation

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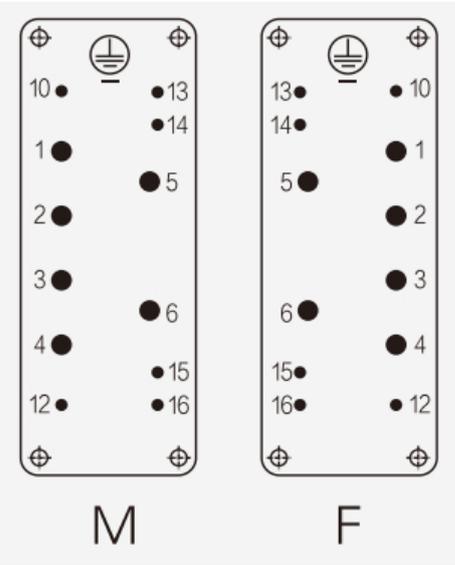
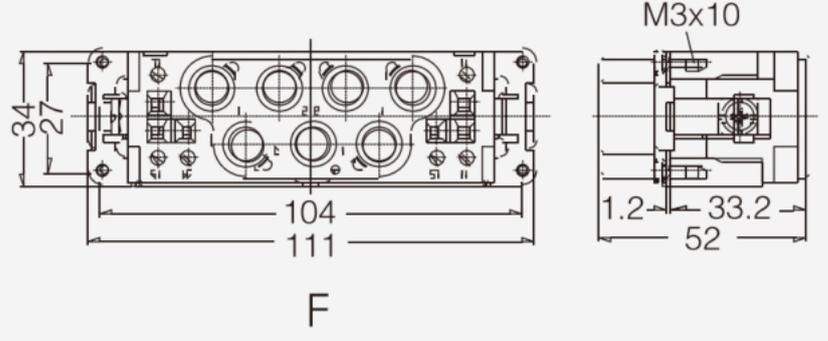
Materials and Surfaces

| | |
|---------------------------------------|----------------------------------|
| 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 |
|-----------------|------------------------|

Technical Drawings



Pin assignment

| | | |
|---------------------------|---------------------|---|
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Industrial machinery and plant engineering



Temperature-resistant



Robust

Info

Combination Insert Power/Signal

Application range

Machine building, Mechanical engineering, renewable energy, plastic industry

Remark

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

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