

381167290	<b>DATA SHEET</b>	
Valid from: 10.07.2025	<b>EPIC® H-K 006/36 FC</b>	

## Description

- 6 + 36 Pin inserts for harnessing
- Suitable for the general machinery and plant engineering, renewable energy and plastic industry
- 6 power contacts  
36 Signal contacts



Images may vary

## General Characteristics

Series	H-K 6/36
Version	Female
Design Size	16B
Number of Contacts	42 + PE
Number of Power Contacts	6
Number of Signal Contacts	36
Termination Method	Crimp termination
Power Conductor Cross-Section	1.5 – 6 mm <sup>2</sup> /AWG 16-10
Signal Conductor Cross-Section	0.14 – 2.5 mm <sup>2</sup> /AWG 25-14
Temperature Range	-40°C up to +125°C

## Mechanical Characteristics

Cycle of mechanical operation	≥ 500
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## Electrical Characteristics

Rated voltage Power, IEC	690 V
Rated Impulse Voltage Power	8 kV
Rated Current Power, IEC	40 A
Contact Resistance Power	≤ 0,3 mΩ
Rated voltage Signal, IEC	160 V
Rated Impulse Voltage Signal	2.5 kV
Rated Current Signal, IEC	10 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

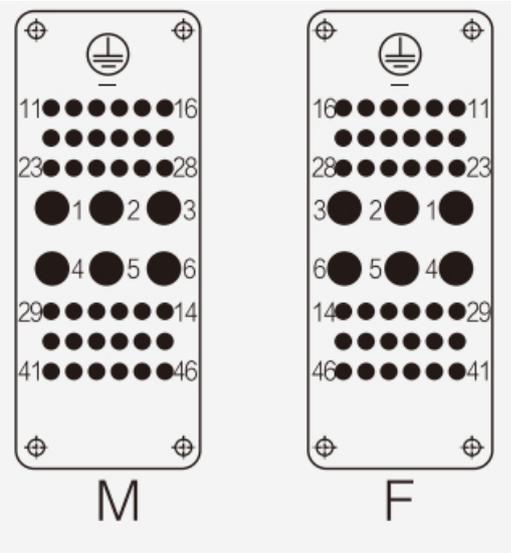
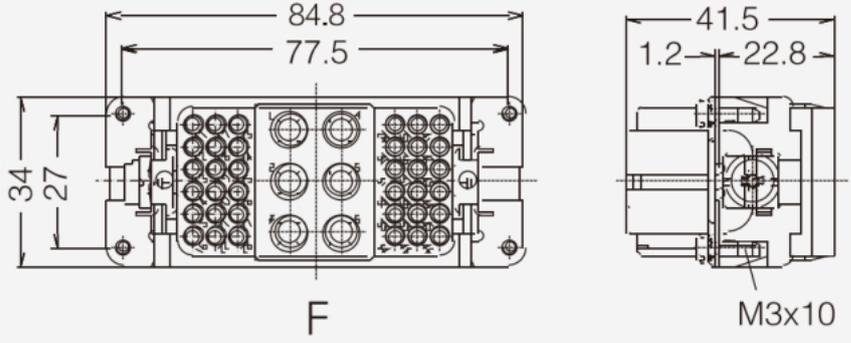
Safety Standard	IEC 61984, IEC 60664-1
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**Technical Drawings**



Pin assignment

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Industrial machinery and plant engineering



Temperature-resistant



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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