

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

Description

- 6 + 36 Pin inserts for harnessing
- Suitable for the general machineryand 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 mm²/AWG 16-10
Signal Conductor Cross-Section	0.14 – 2.5 mm²/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

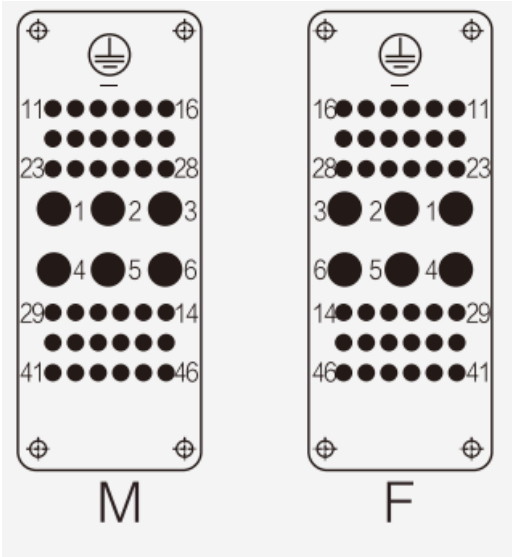
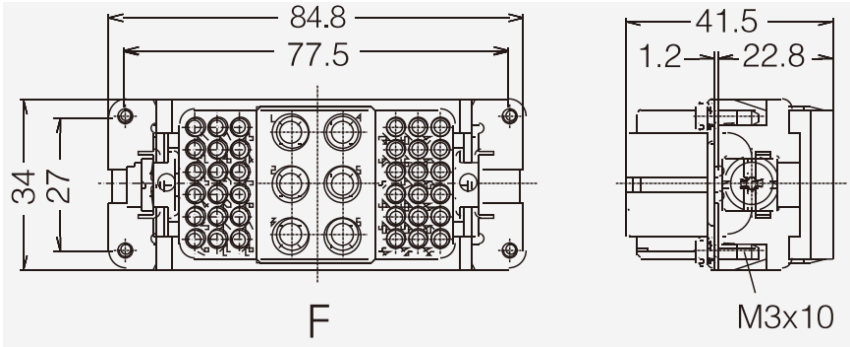
Standard

Safety Standard	IEC 61984, IEC 60664-1
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Creator: TODV1/BU EPIC Released: THBO1/BU EPIC	Document: DB381167290EN Version: 00	Page 1 of 3
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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.

Creator: TODV1/BU EPIC Released: THBO1/BU EPIC	Document: DB381167290EN Version: 00	Page 3 of 3
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