

381167286	DATA SHEET	
Valid from: 09.07.2025	EPIC® H-K 006.2/12 MAS 6-10	

Description

- 6 + 12 Pin inserts for harnessing
- Suitable for the general machinery and plant engineering, renewable energy and plastic industry
- 6 power contacts
12 Signal contacts



Images may vary

General Characteristics

Series	H-K 6.2/12
Version	Male
Design Size	16B
Number of Contacts	18 + PE
Number of Power Contacts	6
Number of Signal Contacts	12
Termination Method Power	Axial Screw termination: 6–10 mm ²
Termination Method Signal	Screw termination: 0.2–2.5 mm ²
Temperature Range	-40°C up to +125°C

Mechanical Characteristics

Cycle of mechanical operation	≥ 500
Tightening torque power contact screw	1,5 Nm @ 2,5, 4 mm ² 2 Nm @ 6, 10 mm ²
Tightening torque signal contact screw	0.8 Nm
Stripping length power contact	4–6 mm @ 2,5, 4 mm ² 7–9 mm @ 6, 10 mm ²
Stripping length signal contact	7.5 mm

Electrical Characteristics

Rated voltage Power, IEC	690 V
Rated Impulse Voltage Power	6 kV
Rated Current Power, IEC	40 A
Contact Resistance Power	≤ 0,5 mΩ
Rated voltage conductor-earth Signal, IEC	230 V
Rated voltage conductor-conductor Signal, IEC	400 V
Rated Impulse Voltage Signal	4 kV
Rated Current Signal, IEC	10 A
Contact Resistance Signal	≤ 3 mΩ
Pollution degree Power/Signal	3

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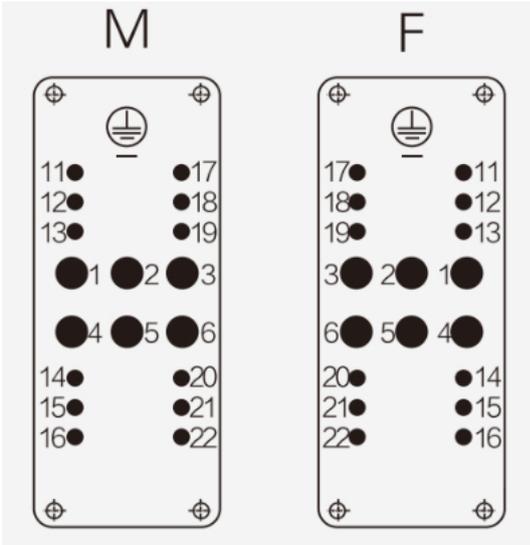
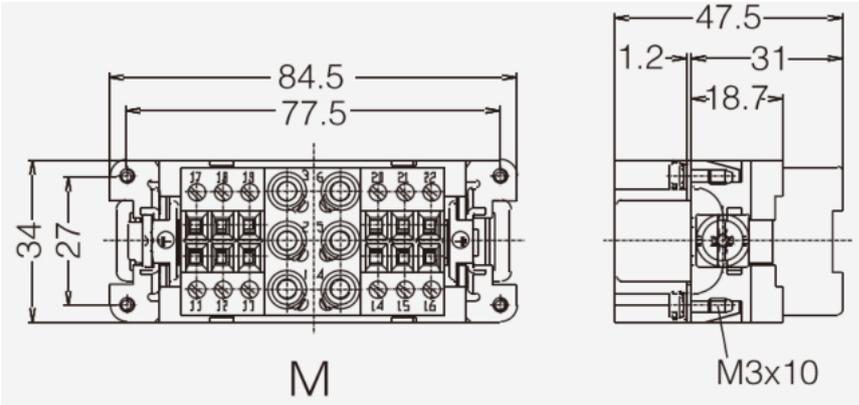
Materials and Surfaces

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
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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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