

44424043	DATA SHEET	
Valid from: 31.07.2025	EPIC® H-K 004/2 MS	

Description

- Combination insert Power and Control
- High power in one connector insert
- Best in combination with ÖLFLEX® SERVO



Images may vary

General Characteristics

Series	H-K 4/2
Version	Male
Design Size	16B
Number of Contacts	6 + PE
Number of Power Contacts	4
Number of Signal Contacts	2
Termination Method	Screw termination
Power Conductor Cross-Section	1.5 – 16 mm ² /AWG 16-6
Signal Conductor Cross-Section	0.5 – 2.5 mm ² /AWG 20-14
Wire Protection	No
Temperature Range	-40°C up to +125°C

Mechanical Characteristics

Cycle of mechanical operation	≥ 500
Tightening torque power contact screw	1,2 Nm @ 1,5 mm ² 2 Nm @ 2,5 mm ² 3 Nm @ 4, 6, 10, 16 mm ²
Tightening torque signal contact screw	0.5 Nm
Stripping length power connection	14 mm
Stripping length signal connection	7.5 mm

Electrical Characteristics

Rated voltage Power, IEC	830 V
Rated Voltage Power, UL & CSA	600 V
Rated Impulse Voltage Power	8 kV
Rated Current Power, IEC	80 A
Rated Current Power, UL & CSA	80 A
Contact Resistance Power	≤ 0,3 mΩ
Rated voltage Signal, IEC	400 V
Rated Voltage Signal, UL & CSA	300 V
Rated Impulse Voltage Signal	6 kV
Rated Current Signal, IEC	16 A
Rated Current Signal, UL & CSA	16 A
Contact Resistance Signal	≤ 1 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

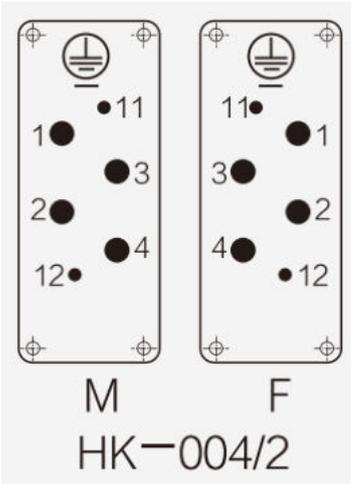
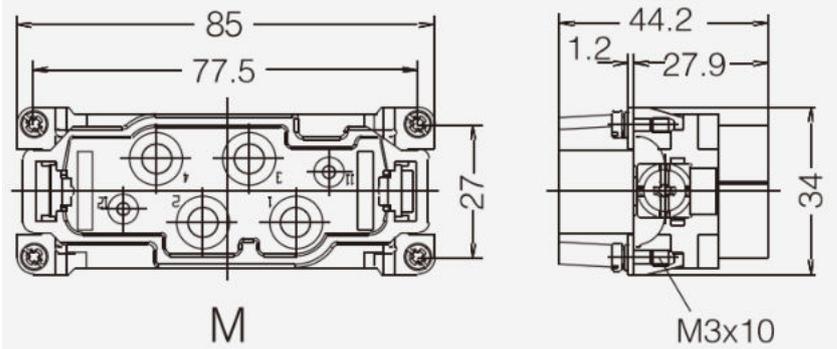
Certifications

UL- Certification, E-File-Number	E75770
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Standard

Safety Standard	IEC 61984, IEC 60664-1
	UL 1977
	CSA 22.2 182.3

Technical Drawings



Pin assignment

We reserve all rights according to DIN ISO 16016.
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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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