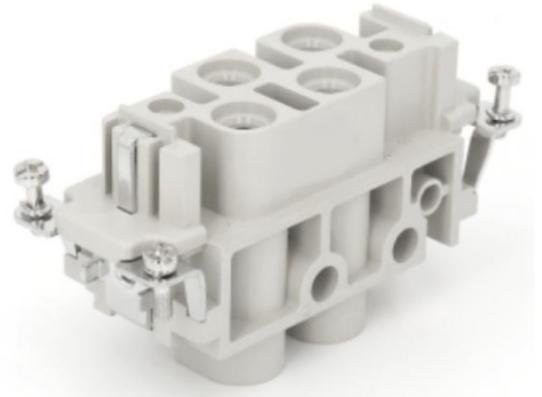


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Valid from: 25.06.2025	<b>EPIC® H-K 004/0 FS</b>	

## 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 4/0
Version	Female
Design Size	16B
Number of Contacts	4 + PE
Number of Power Contacts	4
Number of Signal Contacts	0
Termination Methods	Screw termination
Wire Protection	No
Power Conductor Cross-Section	1.5 – 16 mm <sup>2</sup> /AWG 16-6
Temperature Range	-40°C up to +125°C

## Mechanical Characteristics

Cycle of mechanical operation	≥ 500
Tightening torque contact screw	1,2 Nm @ 1,5 mm <sup>2</sup> 2 Nm @ 2,5 mm <sup>2</sup> 3 Nm @ 4, 6, 10, 16 mm <sup>2</sup>
Stripping length power connection	14 mm

## Electrical Characteristics

Rated Voltage Power, IEC	830 V
Rated Voltage Power, UL & CSA	600 V
Rated Impulse Power Voltage	8 kV
Rated Current, IEC	80 A
Rated Current, UL & CSA	80 A
Contact Resistance	≤ 0,3 mΩ
Pollution degree	3

## Materials and Surfaces

Contacts	Copper alloy, hard-silver plated
Insulating Body	PC
Flammability Class according to UL 94	V-0

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Creator: TODV1/BU EPIC	Document: DB381166842EN	Page 1 of 3
Released: THBO1/BU EPIC	Version: 00	

381166842	<b>DATA SHEET</b>	
Valid from: 25.06.2025	<b>EPIC® H-K 004/0 FS</b>	

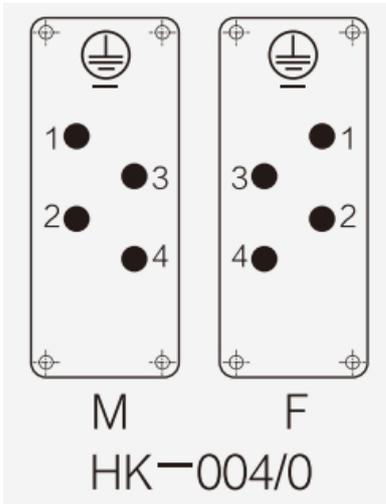
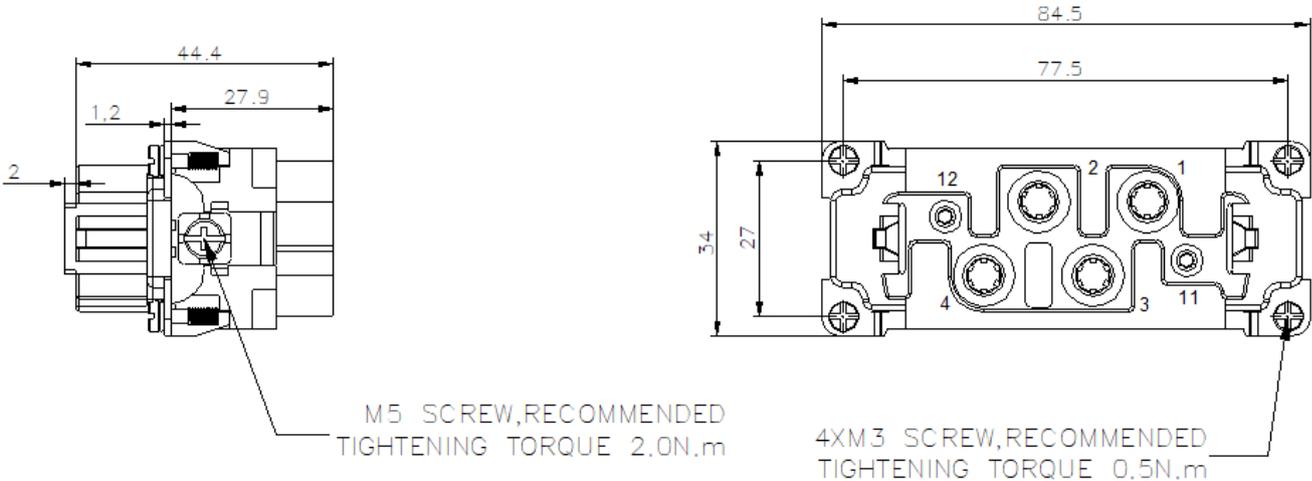
**Certifications**

UL- Certification, E-File-Number E75770

**Standard**

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

**Technical Drawings**



Pin assignment

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381166842	<b>DATA SHEET</b>	
Valid from: 25.06.2025	EPIC® H-K 004/0 FS	



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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