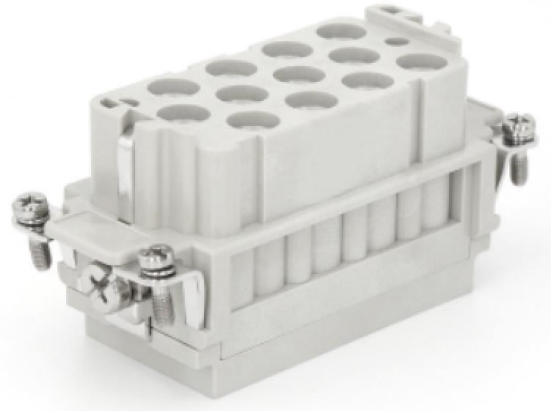
381167292	DATA SHEET	LAPP
Valid from: 10.07.2025	EPIC® H-K 012/2 FC	

Description

- 12 + 2 Pin inserts for harnessing
- Suitable for the general machineryand plant engineering, renewable energy and plastic industy
- 12 power contacts
  2 Signal contacts



Images may vary

General Characteristics

Series	H-K 12/2
Version	Female
Design Size	16B
Number of Contacts	14 + PE
Number of Power Contacts	12
Number of Signal Contacts	2
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 26-14
Temperature Range	-40°C up to +125°C

Mechanical Characteristics

Cycle of mechanical operation	≥ 500

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	250 V
Rated Impulse Voltage Signal	4 kV
Rated Current Signal, IEC	10 A
Contact Resistance Signal	≤ 3 mΩ
Pollution degree Power/Signal	3

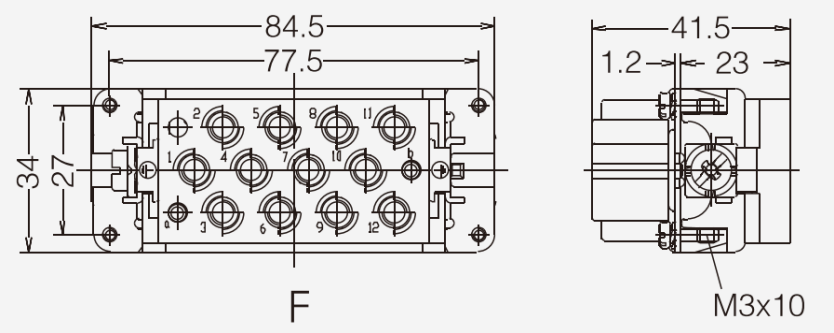
Materials and Surfaces

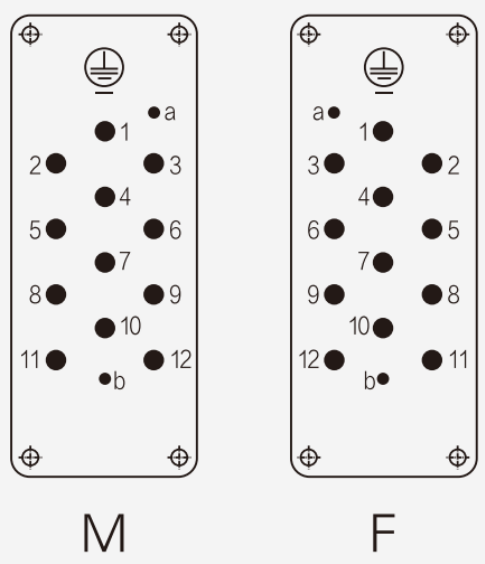
Contacts	Copper alloy, hard-silver plated
Insulating Body	PC
Flammability Class according to UL 94	V-0

Standard

Safety Standard	IEC 61984, IEC 60664-1

Technical Drawings





Pin assignment

CE


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.