

381167268	<b>DATA SHEET</b>	
Valid from: 20.03.2025	<b>EPIC® H-DD 042 FC</b>	

**Description**

- The H-DD series with machined crimp contacts - for a high number of pins in very tight spaces
- The H-DD series with machined contacts is designed for a high number of pins in very tight spaces. This allows for smaller housing types to be chosen.
- High performance crimping contacts



Images may vary

**General Characteristics**

Series	H-DD 42
Version	Female
Design Size	10B
Number of Contacts	42 + PE
Termination Methods	Crimp termination: 0.14–2.5 mm <sup>2</sup> /AWG 26-14
Temperature Range	-40°C up to +125°C

**Mechanical Characteristics**

Cycle of mechanical operation	≥ 500
-------------------------------	-------

**Electrical Characteristics**

Rated Voltage, IEC	250 V
Rated Voltage, UL & CSA	600 V
Rated Impulse Voltage	4 kV
Rated Current, IEC	10 A
Rated Current, UL & CSA	10 A
Contact Resistance	≤ 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

AbN  
automation

Creator: JOST1/BU EPIC Released: THBO1/BU EPIC	Document: DB381167268EN Version: 00	Page 1 of 3
---	--	-------------

381167268	<b>DATA SHEET</b>	
Valid from: 20.03.2025	<b>EPIC® H-DD 042 FC</b>	

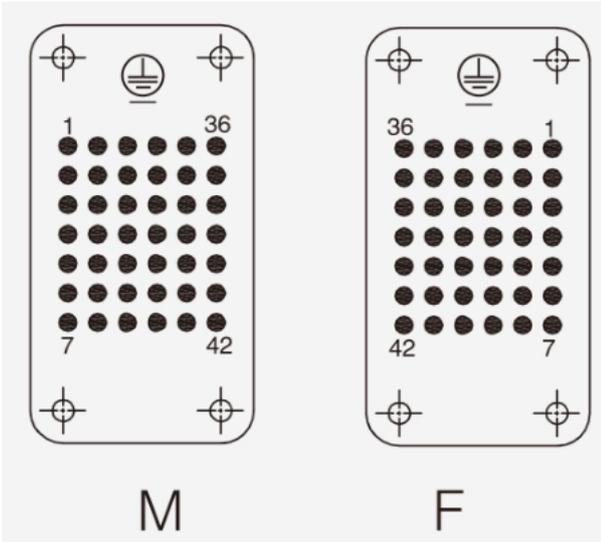
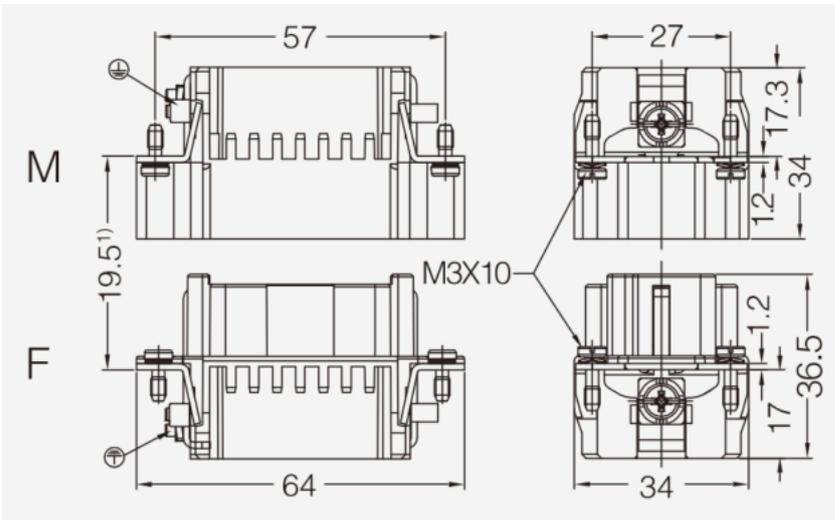
**Certifications**

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

Creator: JOST1/BU EPIC Released: THBO1/BU EPIC	Document: DB381167268EN Version: 00	Page 2 of 3
---	--	-------------

381167268	<b>DATA SHEET</b>	
Valid from: 20.03.2025	EPIC® H-DD 042 FC	



Industrial machinery and plant engineering



Space Requirement

**Info**

Highest packing density for compact connectors

**Application range**

- Mechanical engineering
- Light & sound technology
- Plastics industry

**Remark**

Photographs are not to scale and do not represent detailed images of the respective products.

AbN  
automation

Creator: JOST1/BU EPIC Released: THBO1/BU EPIC	Document: DB381167268EN Version: 00	Page 3 of 3
---	--	-------------