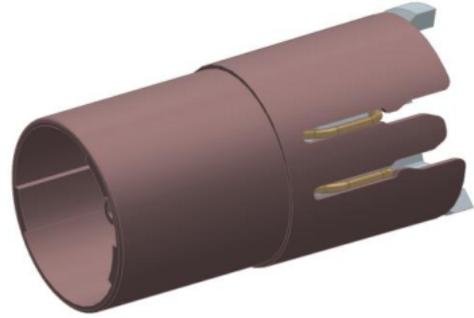


381167801	<b>DATA SHEET</b>	
Valid from: 20.03.2025	<b>EPIC® M23P 8-PIN INSERT MALE HV</b>	

## Description

- Inserts for circular connectors EPIC® M23P



## General features

Series	M23P
Version	Male
Pin configuration	3+PE+4
Rated voltage in V	1000 V (2 mm contacts, height 2000 m)
	optional 630 V (2 mm contacts, height 5000 m)
	250 V (1 mm contacts)
Rated impulse voltage	8 kV (2 mm contacts)
	4 kV (1 mm contacts)
Rated current in A	30 A (2 mm contacts, with terminal cross-section 4.0 mm <sup>2</sup> )
	7 A (1 mm contacts)
Contact resistance working contacts	< 4 mOhm
Contact resistance PE contact	< 100 mOhm
Contacts	To be ordered separately
Number of contacts	8 (3+PE+4)
Cable connection	Crimp connection: 0.5 - 4.0 mm <sup>2</sup> (2 mm contacts)
	Crimp connection: 0.14 - 1.0 mm <sup>2</sup> (1 mm contacts)
Cycles of mechanical operations	500
Temperature range	-20°C to +130°C
	optional -50°C to +130°C (EPDM)
Degree of soiling	3

## Materials and surfaces

Contact carrier	PA
Insulating body	PA
PE contact	Copper Alloy

## Approvals

UL certification	Approval in pending
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AbN  
automation

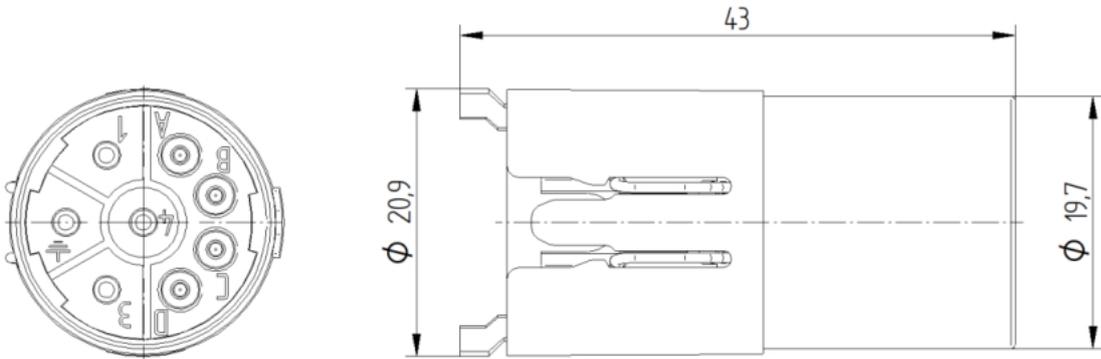
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381167801	<b>DATA SHEET</b>	
Valid from: 20.03.2025	<b>EPIC® M23P 8-PIN INSERT MALE HV</b>	

**Standard**

Safety standard IEC 61984; UL 1977; UL 2238

**Technical drawings**



Industrial machinery and plant engineering



Mechanical resistance



Robust



Waterproof



Good chemical resistance



Corrosion resistant



Maximum vibration protection



Short assembly time



Space requirement



Wind energy

**Remark**

The photographs are not true to scale and do not represent detailed images of the respective products.

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