

Product data sheet

Hummel connectors

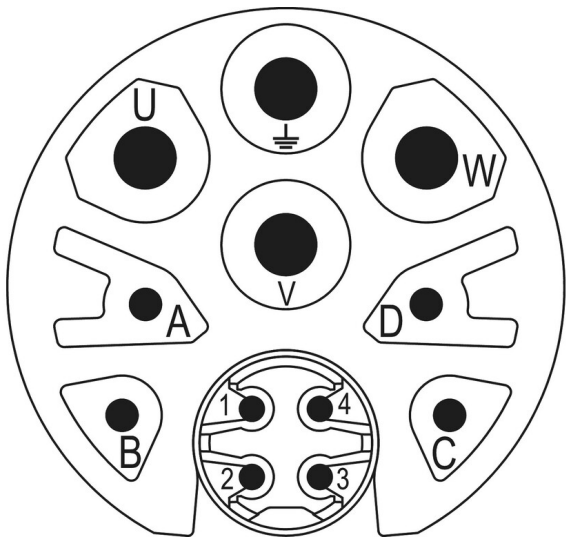
Inserts 12-pole



Sockets, Hybrid

7.084.944.102

<https://www.ac-solutions.be/en/product/7084944102>



Specifications

General Characteristics

Size	M23 Hybrid
Number of contacts	12
Gender	Female
Upper temperature	+125 °C
Lower temperature	-40 °C
Locking	Screw locking Twilock
Protection degree	IP67
Mating cycles	>1000
Wire section (a)	0,75-4 mm²
Wire section (b)	0,14-1 mm²
Wire section (c)	0,08-0,34 mm²
Terminal type	Crimp
Required crimp contacts	4x2mm & 4x1mm & 4x0,6mm
Contact diameter (a)	2 mm
Contact diameter (b)	1

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Contact diameter (c)	0.6 mm
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Electrical Parameters

Nominal voltage (degree of pollution 3) (a)	630 V~
Nominal voltage (degree of pollution 3) (b)	300 V~
Nominal voltage (degree of pollution 3) (c)	60 V~
Test voltage (a)	4000 V~
Test voltage (b)	2500 V~
Test voltage (c)	500 V~
Nominal current (a)	28 A
Nominal current (b)	8 A
Nominal current (c)	2 A
Insulation resistance (a)	$> 10^{13}$
Insulation resistance (b)	$> 10^{12}$
Insulation resistance (c)	$> 10^9$
Max. contact resistance (a)	3 m Ω
Max. contact resistance (b)	3 m Ω
Max. contact resistance (c)	3 m Ω

Material

Material	Thermoplastic Polyamid PA 6/Fire protection class V-0
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