



Technical parameters

Specifications :	DIN EN 60 664 / DIN EN 61 984
Number of Contacts :	5+PE
According to EN 61 984 technical parameters	
Rated currentt :	16A
Rated voltage conductor-ground :	230V
Rated voltage conductor-conductor :	400V
Rated impulse voltage :	4kV
Pollution degree :	3
Pollution degree 2 also :	16A 320/500V 4kV 2
Rated Voltage Acc. to UL/CSA :	600V
Insulation resistance :	≥10 ¹⁰ Ω
Material :	聚碳酸酯 Polycarbonate
Limiting temperatures :	-40℃ ~ +125℃
Flammability Acc. to UL94 :	V0
Mechanical working life-mating cycles :	≥500

Contacts

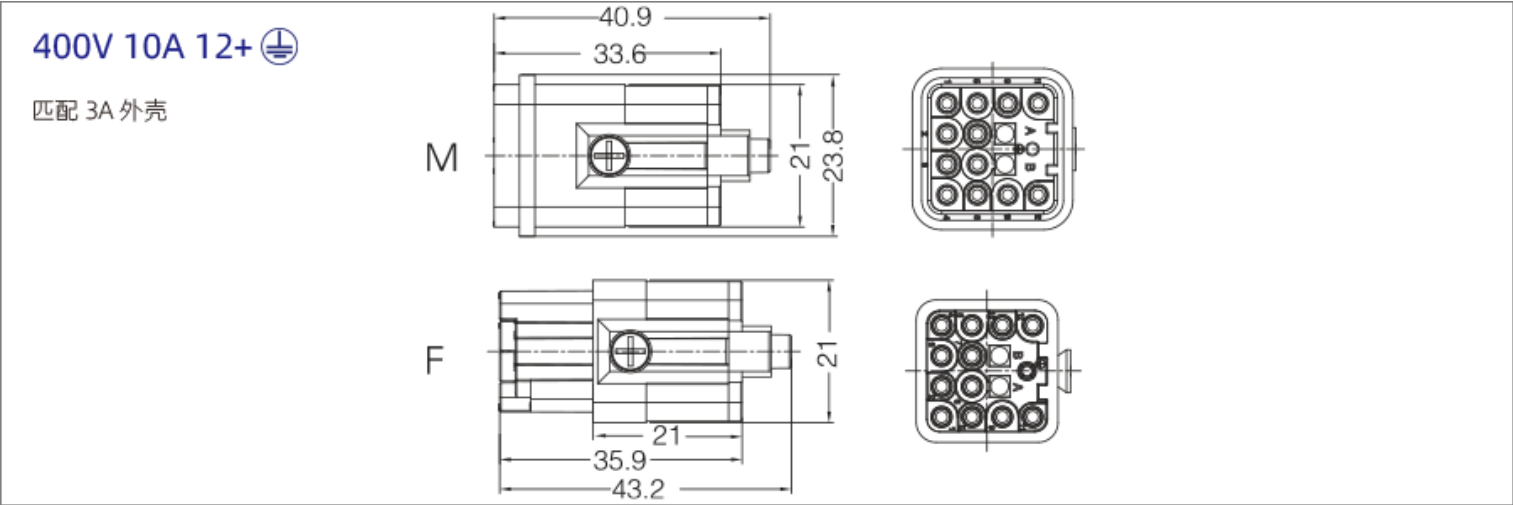
Material :	铜合金 Copper Alloy
Surface :	镀银 Hard-silver Plated / 镀金 Hard-gold Plated
Contact resistance :	≤1mΩ
Crimp Terminal	
Wire gauge :	0.14-2.5mm ²

AWG :	26-14
PE Screw terminal	
Wire Guage :	2.5mm ²
AWG :	14

Shell

Plastic shell	
Material :	聚碳酸酯 Polycarbonate
Flammability Acc. to UL94 :	V0
Degree of protection Acc.to DIN :	
EN60 529 for coupled connector :	IP67
Metal shell	
Material :	锌合金 Zinc Die-Cast
Degree of protection Acc.to DIN :	IP44
EEN60 529 for coupled connector :	IP67(实现螺栓密封) is achieved with seal screw

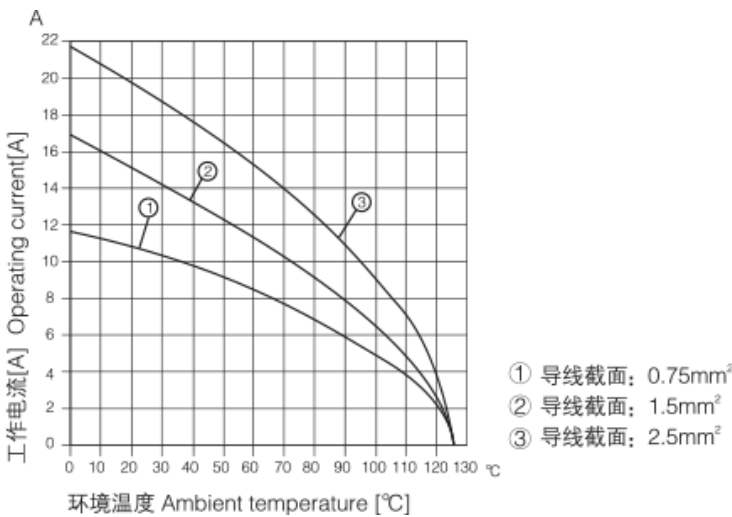
Dimensions



Current carrying capacity

The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals.

Measuring and testing techniques according to DIN EN 60512-5.



Ordering products

TYPE	NAME	Rated voltage	Rated current	Contacts number	3D upload	2D upload
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HQ-012/0-MC	HQ-012/0 Compact Series Crimp terminal 12+PE Male	400V	10A	12+PE	☐	☐
HQ-012/0--FC	HQ-012/0 Compact Series Crimp terminal 12+PE Female	400V	10A	12+PE	☐	☐

Data Download

PRODUCT DIRECTORY	CAZN正成-重载连接器选型手册
CERTIFICATION	EMC认证
ROHS REPORT	查看
WATERPROOF TEST REPORT	查看