

HQ-005/0系列技术特性/technical characteristics

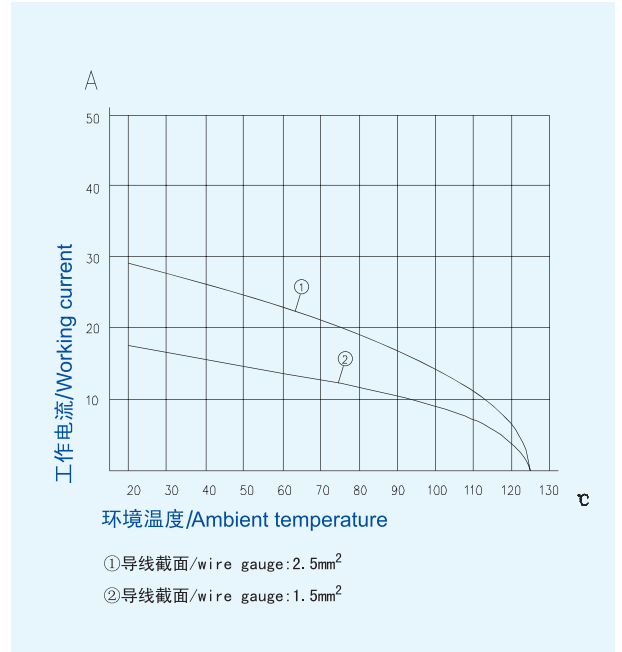
HQ-005/0系列技术特性 HQ technical characteristics



电流负载能力 Current carrying capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
the current carrying is limited by maximum temperature of materials for inserts and contacts including terminals

测试和控制过程依据DIN IEC 60512-3
Control and test procedures according to DIN IEC 60512-3



规范/Specifications

DIN VDE 0110
DIN EN 61984

插接体/Inserts

接插件针数/Number of pin	5+PE
按照DIN EN 61984的电气数据 Electrical data acc. to EN 61984	16A 230/400V 4kV 3
-工作电流/ Working current	16A
-相对地电压 Working voltage conductor-ground	230/400V
-相间电压 Working voltage conductor-conductor	4kV
-耐冲击电压/Rated impulse voltage	4kV
-污染等级/Pollution degree	3
污染等级2/Pollution degree 2	16A 320/500V 4kV 2
依据UL/CSA额定电压/Rated voltage acc.to UL/CSA	600V
绝缘电阻/Insulation resistance	$\geq 10^{10} \Omega$
材料/Material	PC
工作温度范围/Temperature range	-40° C., +125° C
阻燃等级/Flammability acc.to UL94	V0
可拔插次数 Mechanical working life (mating cycles)	≥ 500

接插针/Contacts

材料/Material	铜合金/Copper alloy
表面处理/Surface	
镀银/silver plated	3 μ m Ag
接触电阻/Contact resistance	$\leq 1m\Omega$
冷压连接/Crimp terminal	
-mm ²	0.14-4mm ²
-AWG	26-12

Size 3A 5+ ⊕

230/400V 10A

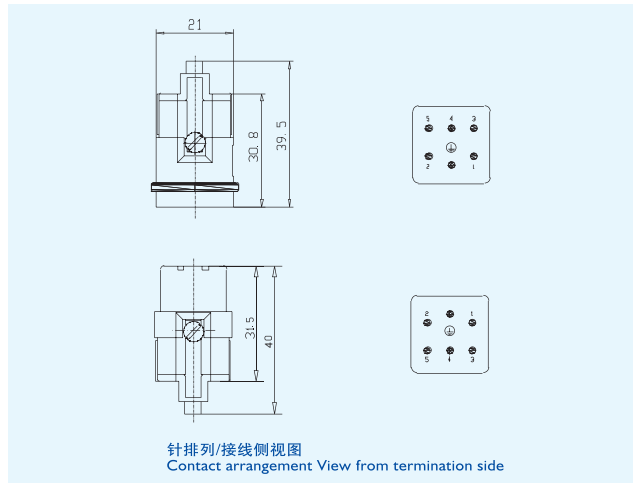
插芯/Insert

冷压连接/Crimp connection



HQ-005/0-MC

HQ-005/0-FC



*冷压压接需另外订购16A冷压针详情请参见第128页。
*Crimp terminal should order contacts pins separately, detail please find the 128.

外壳详细参数见“外壳部分” Hood/Housing detail on "Hood/Housing" section *高结构/high construction

2耳上壳、1扣下壳/Hoods with 2bolts & Housings with 1lever
金属外壳/Size 3a metal hoods & housing¹⁾

上壳 Hood	螺纹 Thread	订货号 Order No.
	M20	H3A-SE-2B-M20
	PG11	H3A-SE-2B-PG11
	M20	H3A-TE-2B-M20
	PG11	H3A-TE-2B-PG11

下壳 Housing	螺纹 Thread	订货号 Order No.
	无盖/Without Cover ---	H3A-BK-1L
	带金属盖/With metal Cover ---	H3A-BK-1L-MCV
	M16	H3A-SF-1L-M16
	M20	H3A-SF-1L-M20
	PG11	H3A-SF-1L-PG11
	M20	H3A-CCT-1L-M20
	PG11	H3A-CCT-1L-PG11
	---	H3A-BK-1L-SE

1)塑料外壳请查阅第101页,
FOR THE PLASTIC HOODS & HOUSINGS, PLS FIND PAGE 101 ,