

HK SERIES
HK 系列



HK系列接插件技术特性

Specifications/规范	DIN VDE 0627 DIN VDE 0110 DIN EN 61984
Number of contacts/接插件针数	4/0.4/2+PE

Inserts/接插体	
Working current 工作电流	80A
Power area/电力区	16A
Signal area/信号区	
Working voltage 工作电压	830V
Power area/电力区	400V
Signal area/信号区	
-Pollution degree2	1000V
Power area/电力区	400/690V
Signal area/信号区	
Rated impulse voltage 额定脉冲耐受电压	8KV
Power area/电力区	6KV
Signal area/信号区	
Pollution degree 污染等级	3
Insulation resistance 隔离电阻	$\geq 10^{10} \Omega$
Material 材料	Polycarbonate
Temperature rang 工作温度范围	-40°C...+125°C
Flammability acc.to U194 阻燃等级(据UL94)	V 0
Working voltage acc.to UL/CSA 据UL/CSA 工作电压	600V
Mechanical working life -mating cycles 可拔插次数	≥ 500

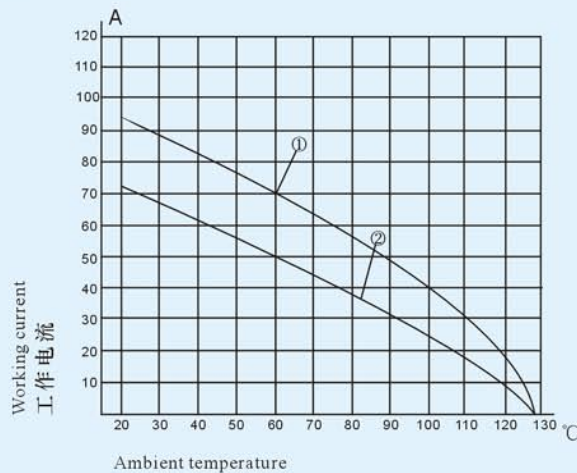
Hoods/Housings/金属上壳/底座	die cast aluminium 铸铝合金
Material 材料	Powder-coated 高温粉末镀层 灰色RAL7037
表面处理 Surface	stainless steel, steel-zinc plated 不锈钢或铁镀锌
Locking element 锁定装置	
Temperature range 工作温度范围	-40°C...+125°C
Degree of protection acc.to DIN EN 60529 防护等级	IP65

Contacts/接插针	
Material 材料	copper alloy 铜
Surface 表面处理	镀银 hard silver-plated(3µm Ag)
Contact resistance 接触电阻	
Power area/电力区	$\leq 0.3m\Omega$
Signal area/信号区	$\leq 1m\Omega$
Terminal 接线形式	screw terminal 螺钉压接
Power area/电力区	1.5-16mm ²
-mm ²	16-6
-AWG	
-Tightening torque	
Signal area/信号区	
-mm ²	0.5-2.5mm ²
-AWG	20-14
-Tightening torque	0.5Nm

mm ²	1.5	2.5	4	6	10	16
Nm	1.2	2	3	3	3	3

Current carrying capacity/电流负载能力

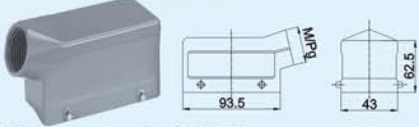
The current carrying is limited by maximum temperature of materials for inserts and comacts including terminals
 电流负载能力所受到的限制主要来自自己包含接插针的接插体可承受的最大温度。
 Control and test procedures according to DIN IEC 60512-3
 测试和控制过程依据DIN IEC 60512-3



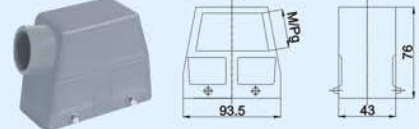
- ① Wire gauge: 16mm²
- ② Wire gauge: 10mm²

Hood

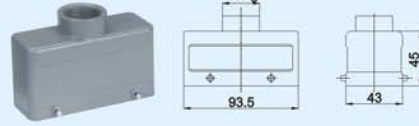
Hood:Side entry(4bolts)
外壳上壳：侧面进线 (4 耳)
Standard construction / 标准结构
H16B-SE-4B-M25(PG21)



High construction / 高结构
H16B-SEH-4B-M32(PG29)



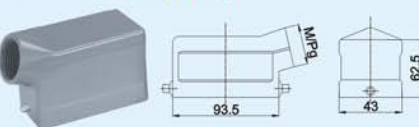
Hood:Top entry(4bolts)
外壳上壳：正面进线 (4 耳)
Standard construction / 标准结构
H16B-TE-4B-M25(PG21)



High construction / 高结构
H16B-TEH-4B-M32(PG29)



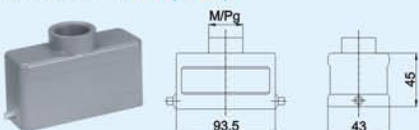
Hood:Side entry(2bolts)
外壳上壳：侧面进线 (2 耳)
Standard construction / 标准结构
H16B-SE-2B-M25(PG21)



High construction / 高结构
H16B-SEH-2B-M32(PG29)



Hood:Top entry(2bolts)
外壳上壳：正面进线 (2 耳)
Standard construction / 标准结构
H16B-TE-2B-M25(PG21)

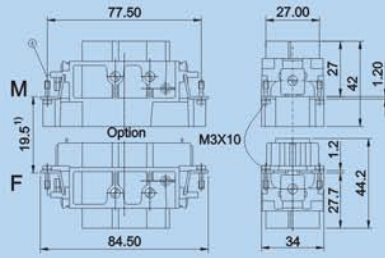


High construction / 高结构
H16B-TEH-2B-M32(PG29)



*常备螺纹规格用蓝色表示
*Stock items in blue color

Insert



Distance for contact max.21mm

1) 接插体之间最大距离 21mm

Screw terminal / 螺钉压接

HK-004/0-M

HK-004/0-F

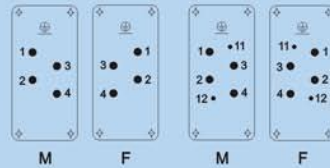


HK-004/2-M

HK-004/2-F



Contact arrangement view
from termination side
接插针排序

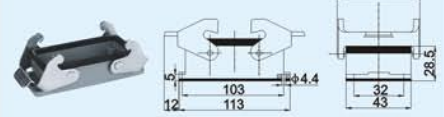


Panel cut out for inserts
for use without hoods/housings
板面安装开孔图

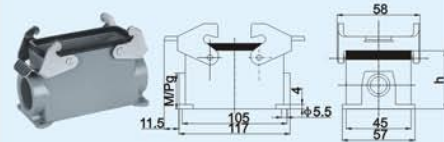


Housing

Bulkhead mounted(2 lever)
下壳：开孔安装(2 扣)
H16B-BK-2L

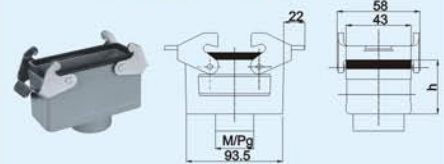


Surface mounted:Side entry(2 lever)
下壳：表面安装(2 扣)
H16B-SF-2L-M25(*M32/PG21/*PG29)



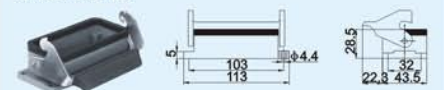
	h
standard construction / 标准结构	56
*High construction / 高结构	81

Cable to cable(2 lever)
下壳：电缆对接(2 扣)
H16B-CCT-2L-M25(M32/PG21)

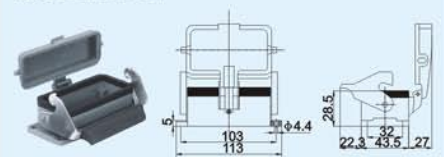


	h
standard construction / 标准结构	48
*High construction / 高结构	79

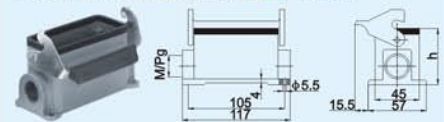
Bulkhead mounted(1 lever)
下壳：开孔安装(1 扣)
H16B-BK-1L



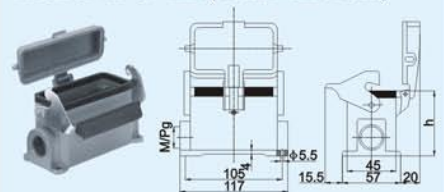
H16B-BK-1L-CV



Surface mounted:Side entry(1 lever)
下壳：表面安装(1 扣)
H16B-SF-1L-M25(*M32/PG21/*PG29)



H16B-SF-1L-CV-M25(*M32/PG21/*PG29)



	h
standard construction / 标准结构	56
*High construction / 高结构	81

Further selection of hoods/housings on page 46
其它形式的上壳、下壳及其保护盖见第46页