

HTK(3/0,3/2),HCM(350,650)系列接插件

HTK(3/0,3/2),HCM(350,650) series connectors

接插件针数 Number Of Contacts	HTK: 3/0, 3/2
接插件针数 Number Of Contacts	HCM350:1,2,3,or 3+PE
接插件针数 Number Of Contacts	HCM650:1,2

技术参数

HTK 接插体	
接插体 Inserts	
功率范围 tech data	
额定电流 rated current	200A
相对地额定电压 power contact to PE	1150V
时间额定电压 power contact to contac	20000V
额定脉冲电压 test voltage	8KV
污染等级 pollution degree	3
控制范围 Tech data	
额定电流 rated current	16A
额定电压 rated voltage	400V
额定脉冲电压 test voltage	6KV
污染等级 pollution degree	3
污染程度 2 时参数 Pollution degree 2	
功率范围 tech data	200A 2000V 12KV 2
控制范围 tech data	16A 500V 6KV 2
绝缘电阻 Insulation resistance	10 ¹⁰ Ω
温度范围 Temperature range	40°C...+125°C
可拔插次数 Mechanical working life-mating cycles	≥ 500

HCM650 接插体	
接插体 Inserts	
按照 DIN EN6198 数据 Acc.to DIN EN61984	
额定电流 rated current	650A
额定电压 rated voltage	4000V
额定脉冲电压 test voltage	18KV
污染等级 pollution degree	3
绝缘电阻 Insulation resistace	
≥ 10 ¹⁰ Ω	
材料 Material	聚酰胺 Palyamide
温度范围 Temperature range	40°C...+125°C
可拔插次数 Mechanical working life mating cycles	≥ 500

HCM350 接插体	
接插体 Inserts	
无中间套管 Without hexagonal adapter	
额定电流 rated current	350A
额定电压 rated voltage	2000V
额定脉冲电压 test voltage	12KV
污染等级 pollution degree	3
带中间套管 With hexagonal adapter	
额定电流 rated current	350A
额定电压 rated voltage	4000V
额定脉冲电压 test voltage	18KV
污染等级 pollution degree	3
绝缘电阻 Insulation resistace	
≥ 10 ¹⁰ Ω	
材料 Material	聚酰胺 Palyamide
温度范围 Temperature range	40°C...+125°C
可拔插次数 Mechanical working life mating cycles	≥ 500

总览 Contents

型号 type	额定电压 rated voltage	额定电流 rated current	插针数 pole	弹片联接 crimp terminal	螺钉联接 screw terminal	冷压联接 crimp terminal	轴向压接式 axial terminal	页码 page no.
HTK3/0	2000V	200A	3+⊕				●	O.04
HTK3/2	2000V	200A	3+2+⊕				●	O.04
HCM350	2000V	350A	1,2,3+⊕				●	O.06
HCM650	4000V	650A	1,2+⊕				●	O.07
H3PR(IP68)系列								O.08
HBPR(IP68)系列								O.10

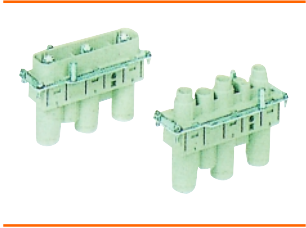
HTK 系列强电流接插件 HTK Series Inserts

1150/2000V,max.200A,H24BPR

HTK3/0

插芯 Inserts

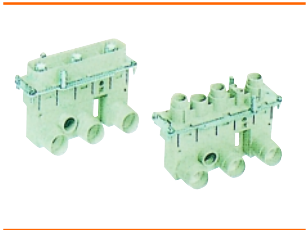
轴向螺栓连接 (直通式)



Axial screw terminal(top-entry)

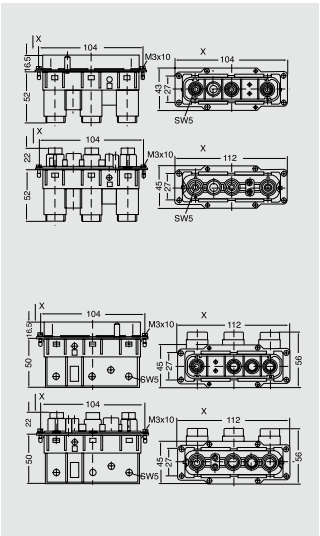
插芯 inserts	型号 tpye	订货号 order No.
公 male	HTK3/0-003-M	8792780000
母 female	HTK3/0-003-F	8792790000

轴向螺栓连接 (直角形式)



Axial screw terminal(angled-entry)

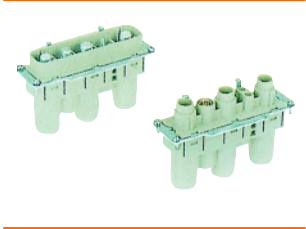
插芯 inserts	型号 tpye	订货号 order No.
公 male	HTK3/0-103-M	8793780000
母 female	HTK3/0-103-F	8793790000



1150/2000V,max.200A,H24BPR

HTK3/2+

轴向螺栓连接 (直通式)



Axial screw terminal(top-entry)

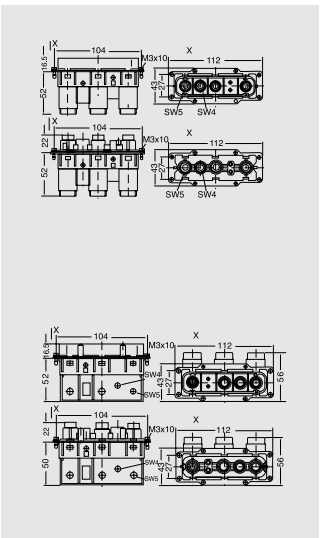
插芯 inserts	型号 tpye	订货号 order No.
公 male	HTK3/2-005-M	8795780000
母 female	HTK3/2-005-F	8795790000

轴向螺栓连接 (直角形式)



Axial screw terminal(angled-entry)

插芯 inserts	型号 tpye	订货号 order No.
公 male	HTK3/2-105-M	8795780000
母 female	HTK3/2-105-F	8795790000



插头外壳 Hood



Hood (top entry)



Hood (side entry)



Housing (panel mount base)



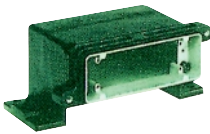
Housing (Straight surface mount)



The technical drawing shows two views of the M6000-2000 machine:

- Front View (Left):** Shows a rectangular unit with a width of 216 mm and a height of 111 mm. A horizontal dimension 'x' indicates the distance from the left edge to the center of the top-mounted components.
- Side View (Right):** Shows the profile of the machine with several key dimensions:
 - Total depth: 187 mm
 - Distance from front face to start of mounting holes: 6.5 mm
 - Distance between the first two mounting holes: 72 mm
 - Mounting hole diameter: Ø 9.5
 - Internal component width: 150 mm
 - Internal component length: M
 - Internal component height: L
 - Overall height of the base: Ø 90
 - Height of the internal component: 90 mm

Housing (Horizontal version)



HCM 系列模组 HCM Series Modular

4000/2000V, max.350A

HCM350



插芯 Inserts

直式结构带旋接接头



Straight version with screw terminal

插芯 inserts	轴向线规 Axial screw terminal	型号 tpye	订货号 order No.
公 male		HCM350-120-M	8901000000
母 female		HCM350-120-F	8901100000

带轴向螺栓连接



With axial screw terminal

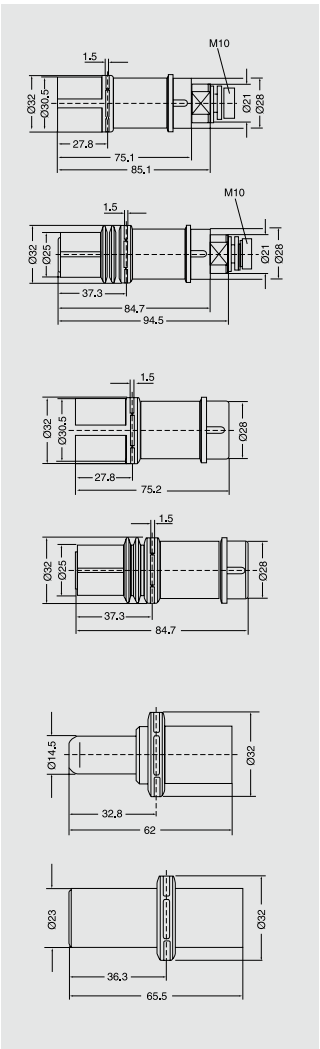
插芯 inserts	轴向线规 Axial screw terminal	型号 tpye	订货号 order No.
公 male	35-70mm²	HCM350-35/70-M	8901200000
母 female	35-70mm²	HCM350-35/70-F	8901300000
公 male	90-120mm²	HCM350-90/120-M	8901400000
母 female	90-120mm²	HCM350-90/120-F	8901500000

接地针



PE contact with axial screw terminal

插芯 inserts	轴向线规 Axial screw terminal	型号 tpye	订货号 order No.
公 male	35-70mm²	HCM350-35/70-PEM	8901600000
母 female	35-70mm²	HCM350-35/70-PEF	8901700000



4000/2000V, max.350A
HCM350

框架 Frame

For working voltage:2000V



描述 detail	型号 tpye	订货号 order No.
单极上壳部件(适用于H6BPR上壳、底座) 1 pole for H6BPR hood or housing	H6BPR-1P-FRAME	8758440000

For working voltage:4000V



描述 detail	型号 tpye	订货号 order No.
2极上壳部件(适用于H16BPR上壳、底座) 2 poles for H16BPR hood or housing	H16BPR-2P-FRAME	8758450000

For working voltage:2000V



描述 detail	型号 tpye	订货号 order No.
3极上壳部件(适用于H48BPR上壳、底座) 3 poles for H48BPR hood or housing	H48BPR-3P-FRAME	8758460000

For working voltage:4000V

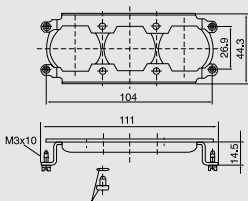
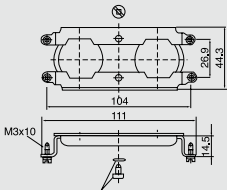
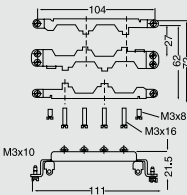
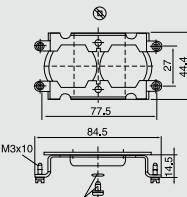
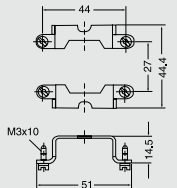


描述 detail	型号 tpye	订货号 order No.
2极上壳部件(适用于H24BPR上壳、底座) 2 poles for H24BPR hood or housing	H24BPR-2P-FRAME	8758470000

For working voltage:4000V



描述 detail	型号 tpye	订货号 order No.
3极上壳部件(适用于H24BPR上壳、底座) 3 poles for H24BPR hood or housing	H48BPR-3P-FRAME	8758480000



HCM 系列模组 HCM Series Modular

4000/2000V, max.650A
HCM650



框架 Frame

直式结构带旋接头



Straight version with screw terminal

插芯 inserts	轴向线规 Axial screw terminal	型号 tpye	订货号 order No.
公 male	70-240mm ²	HCM650-70/240-M	8902000000
母 female	70-240mm ²	HCM650-70/240-F	8902100000

带轴向螺栓连接



With axial screw terminal

插芯 inserts	轴向线规 Axial screw terminal	型号 tpye	订货号 order No.
公 male	70-120mm ²	HCM650-70/120-M	8902200000
母 female	70-120mm ²	HCM650-70/120-F	8902300000
公 male	150-185mm ²	HCM650-150/185-M	8902400000
母 female	150-185mm ²	HCM650-150/185-F	8902500000

HCM 系列模组框架 HCM Series Modular Frame

4000/2000V, max.650A
HCM650

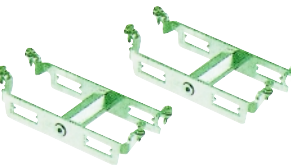
框架 Frame

For working voltage:4000V 650A

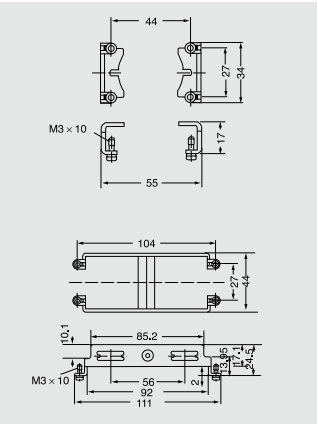


描述 detail	型号 tpye	订货号 order No.
1极上壳部件(适用于H6BPR上壳、底座)	H6BPR-1P-FRAME	8758490000
1 pole for H6BPR hood or housing		

For working voltage:4000V



描述 detail	型号 tpye	订货号 order No.
2极上壳部件(适用于H24BPR上壳、底座)	H24BPR-2P-FRAME	8758500000
2 poles for H24BPR hood or housing		



螺钉联接
Screw terminal

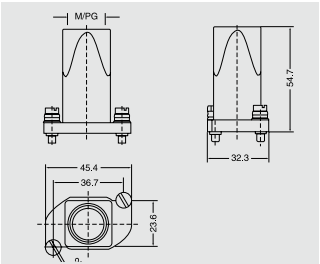


插头外壳 Hood

插头外壳，顶部进线



Hood (top entry)			
A	描述 detail	型号 tpye	订货号 order No.
PG16	带螺纹 thread	H3APR-UPMU-1PG16G	8827420000
M20	带螺纹 thread	H3APR-UPMU-1M20G	8837420000

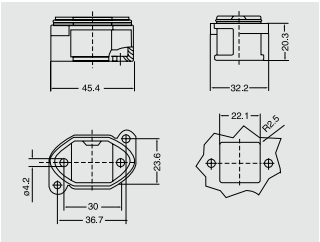


底座 Housing

穿体式插座外壳



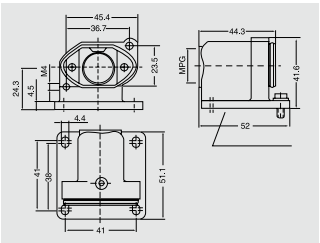
Housing (panel mount base)			
	描述 detail	型号 tpye	订货号 order No.
		H3APR-BMU	8847420000



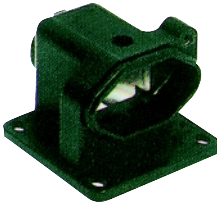
底座封闭型插座外壳



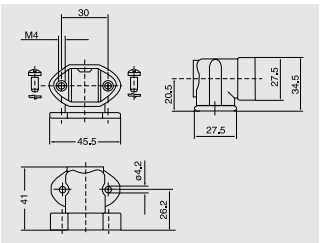
Housing (surface mount base)			
A	描述 detail	型号 tpye	订货号 order No.
PG16	带螺纹 thread	H3APR-TMU-1PG16G	8847420000
M20	带螺纹 thread	H3APR-TMU-1M20G	8857420000



穿体侧出式插座外壳



Housing (panel mount base)			
	描述 detail	型号 tpye	订货号 order No.
		H3APR-BXMU	8867420000



螺钉联接
Screw terminal



插头外壳 Hood

插头外壳，侧面进线



Hood (side entry)

系列	M/PG	型号 tpye	订货号 order No.
H6B PR	PG16	H6BPR-UTCUH-1PG16G	8955000000
H6B PR	PG21	H6BPR-UTCUH-1PG21G	8955010000
H6B PR	PG29	H6BPR-UTCUH-1PG29G	8955020000
H6B PR	M20	H6BPR-UTCUH-1M20G	8955030000
H6B PR	M25	H6BPR-UTCUH-1M25G	8955040000
H6B PR	M32	H6BPR-UTCUH-1M32G	8955050000

Hood (side entry)

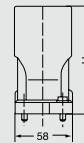
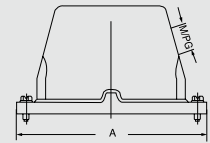
系列	M/PG	型号 tpye	订货号 order No.
H10B PR	PG16	H10BPR-UTCUH-1PG16G	8955060000
H10B PR	PG21	H10BPR-UTCUH-1PG21G	8955070000
H10B PR	PG29	H10BPR-UTCUH-1PG29G	8955080000
H10B PR	M20	H10BPR-UTCUH-1M20G	8955090000
H10B PR	M25	H10BPR-UTCUH-1M25G	8955100000
H10B PR	M32	H10BPR-UTCUH-1M32G	8955110000

Hood (side entry)

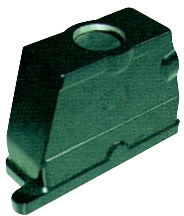
系列	M/PG	型号 tpye	订货号 order No.
H16B PR	PG21	H16BPR-UTCUH-1PG21G	8955120000
H16B PR	PG29	H16BPR-UTCUH-1PG29G	8955130000
H16B PR	PG36	H16BPR-UTCUH-1PG36G	8955140000
H16B PR	M25	H16BPR-UTCUH-1M25G	8955150000
H16B PR	M32	H16BPR-UTCUH-1M32G	8955160000
H16B PR	M40	H16BPR-UTCUH-1M40G	8955170000

Hood (side entry)

系列	M/PG	型号 tpye	订货号 order No.
H24B PR	PG21	H16BPR-UTCUH-1PG21G	8955180000
H24B PR	PG29	H16BPR-UTCUH-1PG29G	8955190000
H24B PR	PG36	H16BPR-UTCUH-1PG36G	8955200000
H24B PR	M25	H16BPR-UTCUH-1M25G	8955210000
H24B PR	M32	H16BPR-UTCUH-1M32G	8955220000
H24B PR	M40	H16BPR-UTCUH-1M40G	8955230000



插头外壳，顶部进线



Hood (top entry)

系列	M/PG	型号 tpye	订货号 order No.
H6B PR	PG16	H6BPR-UPCUH-1PG16G	8955240000
H6B PR	PG21	H6BPR-UPCUH-1PG21G	8955250000
H6B PR	PG29	H6BPR-UPCUH-1PG29G	8955260000
H6B PR	M20	H6BPR-UPCUH-1M20G	8955270000
H6B PR	M25	H6BPR-UPCUH-1M25G	8955280000
H6B PR	M32	H6BPR-UPCUH-1M32G	8955290000

Hood (top entry)

系列	M/PG	型号 tpye	订货号 order No.
H10B PR	PG16	H10BPR-UPCUH-1PG16G	8955300000
H10B PR	PG21	H10BPR-UPCUH-1PG21G	8955310000
H10B PR	PG29	H10BPR-UPCUH-1PG29G	8955320000
H10B PR	M20	H10BPR-UPCUH-1M20G	8955330000
H10B PR	M25	H10BPR-UPCUH-1M25G	8955340000
H10B PR	M32	H10BPR-UPCUH-1M32G	8955350000

Hood (top entry)

系列	M/PG	型号 tpye	订货号 order No.
H16B PR	PG21	H16BPR-UPCUH-1PG21G	8955360000
H16B PR	PG29	H16BPR-UPCUH-1PG29G	8955370000
H16B PR	PG36	H16BPR-UPCUH-1PG36G	8955380000
H16B PR	M25	H16BPR-UPCUH-1M25G	8955390000
H16B PR	M32	H16BPR-UPCUH-1M32G	8955400000
H16B PR	M40	H16BPR-UPCUH-1M40G	8955410000

Hood (top entry)

系列	M/PG	型号 tpye	订货号 order No.
H24B PR	PG21	H16BPR-UPCUH-1PG21G	8955420000
H24B PR	PG29	H16BPR-UPCUH-1PG29G	8955430000
H24B PR	PG36	H16BPR-UPCUH-1PG36G	8955440000
H24B PR	M25	H16BPR-UPCUH-1M25G	8955450000
H24B PR	M32	H16BPR-UPCUH-1M32G	8955460000
H24B PR	M40	H16BPR-UPCUH-1M40G	8955470000

