

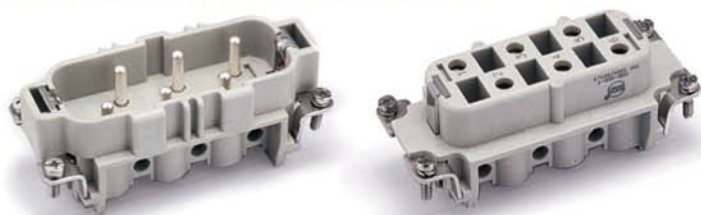
# HSB系列 / HSB SERIES



HSB系列 / HSB SERIES

# HSB系列技术特性 HSB technical characteristics

## HSB系列 技术特性 HSB technical characteristics

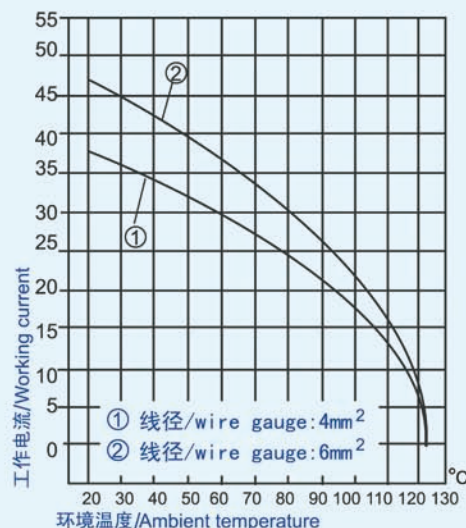


### 电流负载能力 Current carrying capacity

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 0627  
DIN VDE 0110  
DIN EN 61984

### 插接体/Inserts

接插件针数/Number of contacts	6,12(2x6)+PE
工作电流/Working current (见负载图/see current carrying capacity)	35A
工作电压/Working voltage	400/690V
污染等级/Pollution degree	3
额定脉冲耐受电压/Rated impulse voltage	6KV
绝缘电阻/Insulation resistance	$\geq 10^{10} \Omega$
材料/Material	Polycarbonate
工作温度范围/Temperature range	-40°C... +125°C
阻燃等级 (UL94)/Flammability acc.to UL94	V0
据UL/CSA工作电压/Working voltage acc.to UL/CSA	600V
可拨插次数/Mechanical working life(mating cycles)	$\geq 500$

### 接插针/Contacts

材料/Material	铜/Copper alloy
表面处理/Surface	镀银/Hard silver-plated 镀金/Hard gold-plated
接触电阻/Contact resistance	$\leq 1m \Omega$
接线形式/Terminal 导线规格/Wire gauge	螺钉连接/Screw terminal 4-6mm <sup>2</sup> AWG 12-10
螺钉拧紧力矩 Tightening torque	1.2Nm

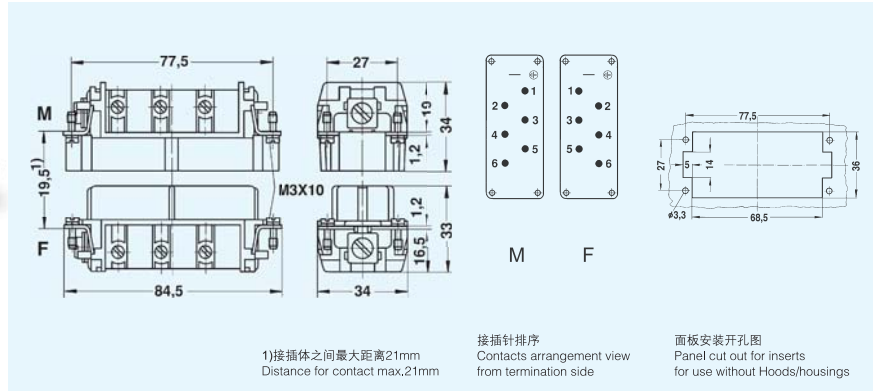
螺丝连接/Screw connection



HSB-006-M



HSB-006-F



1) 接插体之间最大距离21mm  
Distance for contact max.21mm

接插针排序  
Contacts arrangement view  
from termination side

面板安装开孔图  
Panel cut out for inserts  
for use without Hoods/Housings

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

2耳上壳、1扣下壳/Hoods with 2bolts & Housings with 1lever

上壳 Hood	螺纹 Thread	订货号 Order No.	下壳 Housing	螺纹 Thread	订货号 Order No.
	M25	H16B-SE-2B-M25		无盖/Without Cover —	H16B-BK-1L
	PG21	H16B-SE-2B-PG21		带塑料盖/With plastic Cover <sup>1)</sup> —	H16B-BK-1L-CV
	*M32	H16B-SEH-2B-M32		无盖/Without Cover	M25 H16B-SF-1L-M25
	*M40	H16B-SEH-2B-M40		M2M25 H16B-SF-1L-2M25	2M25 H16B-SF-1L-2M25
	*PG21	H16B-SEH-2B-PG21		PG21 H16B-SF-1L-PG21	PG21 H16B-SF-1L-PG21
	*PG29	H16B-SEH-2B-PG29		2PG21 H16B-SF-1L-2PG21	2PG21 H16B-SF-1L-2PG21
				带塑料盖/With plastic Cover <sup>1)</sup>	
	M25	H16B-TE-2B-M25		M25 H16B-SF-1L-CV-M25	M25 H16B-SF-1L-CV-M25
	PG21	H16B-TE-2B-PG21		2M25 H16B-SF-1L-CV-2M25	2M25 H16B-SF-1L-CV-2M25
				PG21 H16B-SF-1L-CV-PG21	PG21 H16B-SF-1L-CV-PG21
				2PG21 H16B-SF-1L-CV-2PG21	2PG21 H16B-SF-1L-CV-2PG21
	*M32	H16B-TEH-2B-M32		无盖/Without Cover	*M32 H16B-SFH-1L-M32
	*M40	H16B-TEH-2B-M40		*2M32 H16B-SFH-1L-2M32	*2M32 H16B-SFH-1L-2M32
	*PG21	H16B-TEH-2B-PG21		*PG21 H16B-SFH-1L-PG21	*PG21 H16B-SFH-1L-PG21
	*PG29	H16B-TEH-2B-PG29		*2PG21 H16B-SFH-1L-2PG21	*2PG21 H16B-SFH-1L-2PG21
	—	H16B-TEH-2B		*PG29 H16B-SFH-1L-PG29	*PG29 H16B-SFH-1L-PG29
				*2PG29 H16B-SFH-1L-2PG29	*2PG29 H16B-SFH-1L-2PG29
				带塑料盖/With plastic Cover <sup>1)</sup>	
	*M32	H16B-TEH-2B-CV-M32		*M32 H16B-SFH-1L-CV-M32	*M32 H16B-SFH-1L-CV-M32
	*M40	H16B-TEH-2B-CV-M40		*2M32 H16B-SFH-1L-CV-2M32	*2M32 H16B-SFH-1L-CV-2M32
	*PG21	H16B-TEH-2B-CV-PG21		*PG21 H16B-SFH-1L-CV-PG21	*PG21 H16B-SFH-1L-CV-PG21
	*PG29	H16B-TEH-2B-CV-PG29		*2PG21 H16B-SFH-1L-CV-2PG21	*2PG21 H16B-SFH-1L-CV-2PG21
				*PG29 H16B-SFH-1L-CV-PG29	*PG29 H16B-SFH-1L-CV-PG29
				*2PG29 H16B-SFH-1L-CV-2PG29	*2PG29 H16B-SFH-1L-CV-2PG29
				带塑料盖/With plastic Cover <sup>1)</sup>	
	M25	H16B-CCT-1L-M25		M25 H16B-CCT-2L-M25	M25 H16B-CCT-2L-M25
	PG21	H16B-CCT-1L-PG21		PG21 H16B-CCT-2L-PG21	PG21 H16B-CCT-2L-PG21
	*M32	H16B-CCTH-1L-M32		*M32 H16B-CCTH-2L-M32	*M32 H16B-CCTH-2L-M32
	*M40	H16B-CCTH-1L-M40		*M40 H16B-CCTH-2L-M40	*M40 H16B-CCTH-2L-M40
	*PG21	H16B-CCTH-1L-PG21		*PG21 H16B-CCTH-2L-PG21	*PG21 H16B-CCTH-2L-PG21
	*PG29	H16B-CCTH-1L-PG29		*PG29 H16B-CCTH-2L-PG29	*PG29 H16B-CCTH-2L-PG29

4耳上壳、2扣下壳/Hoods with 4bolts & Housings with 2levers

上壳 Hood	螺纹 Thread	订货号 Order No.	下壳 Housing	螺纹 Thread	订货号 Order No.
	M25	H16B-SE-4B-M25		—	H16B-BK-2L
	PG21	H16B-SE-4B-PG21			
	*M32	H16B-SEH-4B-M32		M25	H16B-SF-2L-M25
	*M40	H16B-SEH-4B-M40		2M25 H16B-SF-2L-2M25	2M25 H16B-SF-2L-2M25
	*PG21	H16B-SEH-4B-PG21		PG21 H16B-SF-2L-PG21	PG21 H16B-SF-2L-PG21
	*PG29	H16B-SEH-4B-PG29		2PG21 H16B-SF-2L-2PG21	2PG21 H16B-SF-2L-2PG21
	M25	H16B-TE-4B-M25		*M32	H16B-SFH-2L-M32
	PG21	H16B-TE-4B-PG21		*2M32 H16B-SFH-2L-2M32	*2M32 H16B-SFH-2L-2M32
				*PG21 H16B-SFH-2L-PG21	*PG21 H16B-SFH-2L-PG21
				*2PG21 H16B-SFH-2L-2PG21	*2PG21 H16B-SFH-2L-2PG21
				*PG29 H16B-SFH-2L-PG29	*PG29 H16B-SFH-2L-PG29
				*2PG29 H16B-SFH-2L-2PG29	*2PG29 H16B-SFH-2L-2PG29
	*M32	H16B-TEH-4B-M32		*M32	H16B-SFH-4B-M32
	*M40	H16B-TEH-4B-M40		*2M32 H16B-SFH-4B-2M32	*2M32 H16B-SFH-4B-2M32
	*PG21	H16B-TEH-4B-PG21		*PG21 H16B-SFH-4B-PG21	*PG21 H16B-SFH-4B-PG21
	*PG29	H16B-TEH-4B-PG29		*2PG21 H16B-SFH-4B-2PG21	*2PG21 H16B-SFH-4B-2PG21
	—	H16B-TEH-4B		*PG29 H16B-SFH-4B-PG29	*PG29 H16B-SFH-4B-PG29
				*2PG29 H16B-SFH-4B-2PG29	*2PG29 H16B-SFH-4B-2PG29
				带塑料盖/With plastic Cover <sup>1)</sup>	
	*M32	H16B-TEH-4B-CV-M32		*M32	H16B-SFH-4B-CV-M32
	*M40	H16B-TEH-4B-CV-M40		*2M32 H16B-SFH-4B-CV-2M32	*2M32 H16B-SFH-4B-CV-2M32
	*PG21	H16B-TEH-4B-CV-PG21		*PG21 H16B-SFH-4B-CV-PG21	*PG21 H16B-SFH-4B-CV-PG21
	*PG29	H16B-TEH-4B-CV-PG29		*2PG21 H16B-SFH-4B-CV-2PG21	*2PG21 H16B-SFH-4B-CV-2PG21
				*PG29 H16B-SFH-4B-CV-PG29	*PG29 H16B-SFH-4B-CV-PG29
				*2PG29 H16B-SFH-4B-CV-2PG29	*2PG29 H16B-SFH-4B-CV-2PG29
				带塑料盖/With plastic Cover <sup>1)</sup>	
	M25	H16B-CCT-2L-M25		—	H16B-CV-4B/1
	PG21	H16B-CCT-2L-PG21		—	H16B-CV-4B/2
	*M32	H16B-CCTH-2L-M32		—	H16B-CV-4C
	*M40	H16B-CCTH-2L-M40			
	*PG21	H16B-CCTH-2L-PG21			
	*PG29	H16B-CCTH-2L-PG29			

2扣上壳、4耳下壳/Hoods with 2levers & Housings with 4bolts

上壳 Hood	螺纹 Thread	订货号 Order No.	下壳 Housing	螺纹 Thread	订货号 Order No.
	M25	H16B-SE-2L-M25		无盖/Without Cover —	H16B-BK-4B
	PG21	H16B-SE-2L-PG21		带塑料盖/With plastic Cover <sup>1)</sup> —	H16B-BK-4B-CV
	*M32	H16B-SEH-2L-M32		无盖/Without Cover	M25 H16B-SF-4B-M25
	*M40	H16B-SEH-2L-M40		2M25 H16B-SF-4B-2M25	2M25 H16B-SF-4B-2M25
	*PG21	H16B-SEH-2L-PG21		PG21 H16B-SF-4B-PG21	PG21 H16B-SF-4B-PG21
	*PG29	H16B-SEH-2L-PG29		2PG21 H16B-SF-4B-2PG21	2PG21 H16B-SF-4B-2PG21
				带塑料盖/With plastic Cover <sup>1)</sup>	
	M25	H16B-TE-2L-M25		M25 H16B-SF-4B-CV-M25	M25 H16B-SF-4B-CV-M25
	PG21	H16B-TE-2L-PG21		2M25 H16B-SF-4B-CV-2M25	2M25 H16B-SF-4B-CV-2M25
				PG21 H16B-SF-4B-CV-PG21	PG21 H16B-SF-4B-CV-PG21
				2PG21 H16B-SF-4B-CV-2PG21	2PG21 H16B-SF-4B-CV-2PG21
	*M32	H16B-TEH-2L-M32		无盖/Without Cover	*M32 H16B-SFH-4B-M32
	*M40	H16B-TEH-2L-M40		*2M32 H16B-SFH-4B-2M32	*2M32 H16B-SFH-4B-2M32
	*PG21	H16B-TEH-2L-PG21		*PG21 H16B-SFH-4B-PG21	*PG21 H16B-SFH-4B-PG21
	*PG29	H16B-TEH-2L-PG29		*2PG21 H16B-SFH-4B-2PG21	*2PG21 H16B-SFH-4B-2PG21
				*PG29 H16B-SFH-4B-PG29	*PG29 H16B-SFH-4B-PG29
				*2PG29 H16B-SFH-4B-2PG29	*2PG29 H16B-SFH-4B-2PG29
				带塑料盖/With plastic Cover <sup>1)</sup>	
	*M32	H16B-TEH-2L-CV-M32		*M32	H16B-SFH-4B-CV-M32
	*M40	H16B-TEH-2L-CV-M40		*2M32 H16B-SFH-4B-CV-2M32	*2M32 H16B-SFH-4B-CV-2M32
	*PG21	H16B-TEH-2L-CV-PG21		*PG21 H16B-SFH-4B-CV-PG21	*PG21 H16B-SFH-4B-CV-PG21
	*PG29	H16B-TEH-2L-CV-PG29		*2PG21 H16B-SFH-4B-CV-2PG21	*2PG21 H16B-SFH-4B-CV-2PG21
				*PG29 H16B-SFH-4B-CV-PG29	*PG29 H16B-SFH-4B-CV-PG29
				*2PG29 H16B-SFH-4B-CV-2PG29	*2PG29 H16B-SFH-4B-CV-2PG29
				带塑料盖/With plastic Cover <sup>1)</sup>	

1) 金属盖产品，请用“MCV”替代产品型号中“CV”  
FOR THE METAL COVER, PLS REPLACE THE CV WITH MCV IN THE PART NO.

400V/690V 35A

Size 32B 12+ ⊕

插芯/Insert

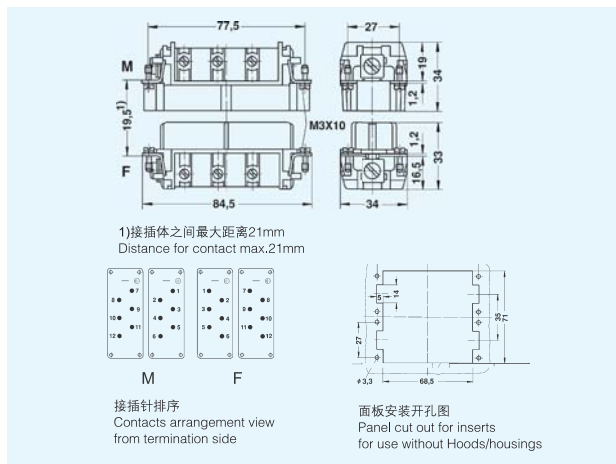
螺丝连接/Screw connection



HSB-012-M



HSB-012-F



外壳详细参数见“外壳部分” Hoods/Housings detail on "Hoods/Housings" section

2耳上壳、1扣下壳/Hoods with 2bolts & Housings with 1lever

上壳 Hood	螺纹 Thread	订货号 Order No.
	M32	H32B-SE-2B-M32
	PG29	H32B-SE-2B-PG29
	M32	H32B-TE-2B-M32
	M40	H32B-TE-2B-M40
	M50	H32B-TE-2B-M50
	PG29	H32B-TE-2B-PG29
	PG36	H32B-TE-2B-PG36
	PG42	H32B-TE-2B-PG42

下壳 Housing	螺纹 Thread	订货号 Order No.
	无盖/Without Cover ---	H32B-BK-1L
	带塑料盖/With plastic Cover <sup>1)</sup> ---	H32B-BK-1L-CV
	无盖/Without Cover	
	M32	H32B-SF-1L-M32
	2M32	H32B-SF-1L-2M32
	M40	H32B-SF-1L-M40
	2M40	H32B-SF-1L-2M40
	PG29	H32B-SF-1L-PG29
	2PG29	H32B-SF-1L-2PG29
	PG36	H32B-SF-1L-PG36
	2PG36	H32B-SF-1L-2PG36
	PG42	H32B-SF-1L-PG42
	带塑料盖/With plastic Cover <sup>1)</sup>	
	M32	H32B-SF-1L-CV-M32
	2M32	H32B-SF-1L-CV-2M32
	M40	H32B-SF-1L-CV-M40
	2M40	H32B-SF-1L-CV-2M40
	PG29	H32B-SF-1L-CV-PG29
	2PG29	H32B-SF-1L-CV-2PG29
PG36	H32B-SF-1L-CV-PG36	
2PG36	H32B-SF-1L-CV-2PG36	
PG42	H32B-SF-1L-CV-PG42	

4耳上壳、2扣下壳/Hoods with 4bolts & Housings with 2levers

上壳 Hood	螺纹 Thread	订货号 Order No.
	M32	H32B-SE-4B-M32
	M40	H32B-SE-4B-M40
	PG29	H32B-SE-4B-PG29
	PG36	H32B-SE-4B-PG36
	M32	H32B-TE-4B-M32
	M40	H32B-TE-4B-M40
	M50	H32B-TE-4B-M50
	PG29	H32B-TE-4B-PG29
	PG36	H32B-TE-4B-PG36
	PG42	H32B-TE-4B-PG42

下壳 Housing	螺纹 Thread	订货号 Order No.
	---	H32B-BK-2L
	无盖/Without Cover	
	M32	H32B-SF-2L-M32
	2M32	H32B-SF-2L-2M32
	M40	H32B-SF-2L-M40
	2M40	H32B-SF-2L-2M40
	PG29	H32B-SF-2L-PG29
	2PG29	H32B-SF-2L-2PG29
	PG36	H32B-SF-2L-PG36
	2PG36	H32B-SF-2L-2PG36
	PG42	H32B-SF-2L-PG42
	带塑料盖/With plastic Cover <sup>1)</sup>	
	M32	H32B-CCT-2L-M32
	M40	H32B-CCT-2L-M40
	M50	H32B-CCT-2L-M50
	PG29	H32B-CCT-2L-PG29
	PG36	H32B-CCT-2L-PG36
	PG42	H32B-CCT-2L-PG42

1)金属盖产品，请用"MCV"替代产品型号中"CV"  
FOR THE METAL COVER, PLS REPLACE THE CV WITH MCV IN THE PART NO.