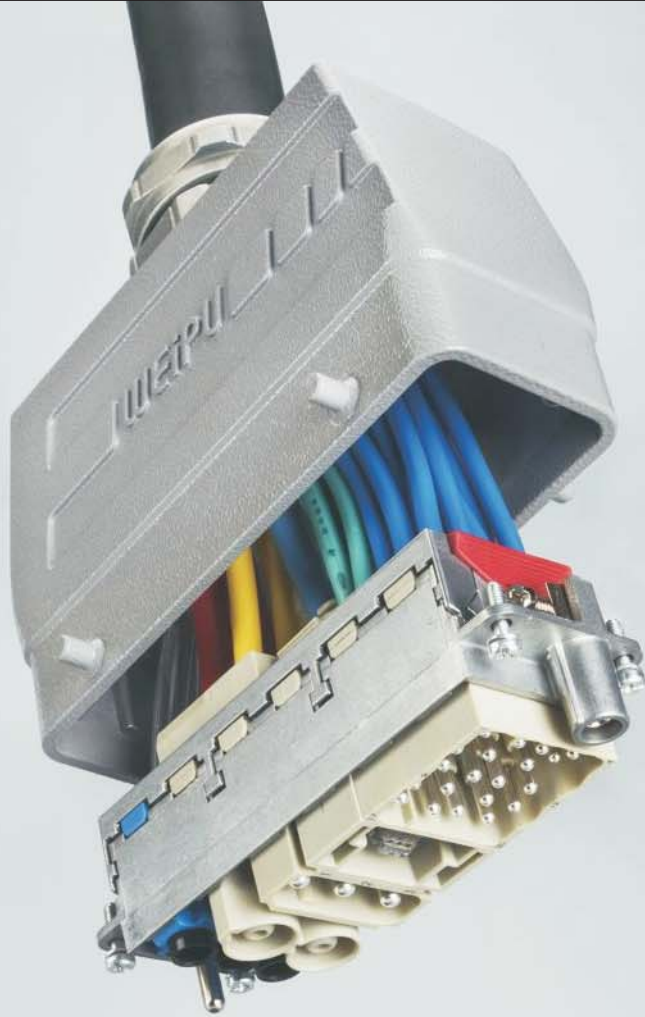






WEIPU Electrical Appliance Co.,Ltd was established in 1996, specialize in R&D and manufacturing the industrial connectors , we are the member of “National Electrical Appliances Standardization Technical Committees ” and one of the members to draft the national standard for industrial connectors GB11918-2014.



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Factory premises



In-house Test
Lab Equipment



Vibration Test Equipment



Electric Current Break
Test Equipment

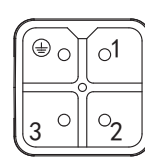
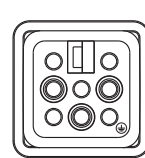
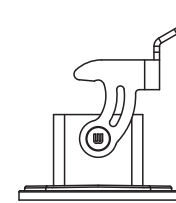
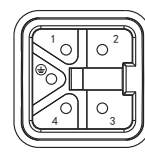
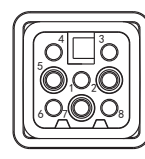
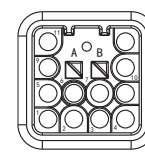
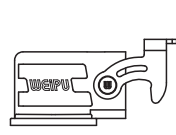
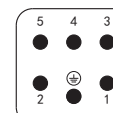
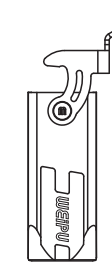
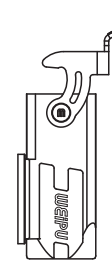
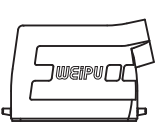
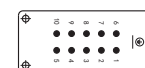
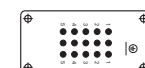
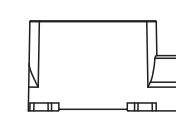
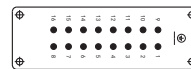
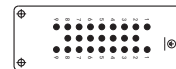
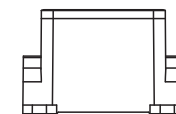
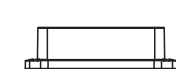


Mating Cycle Life Time
Test Machine

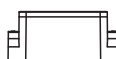
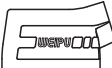
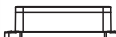
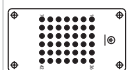
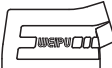
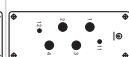
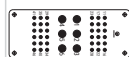
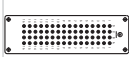
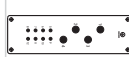
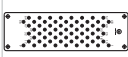
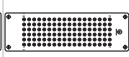
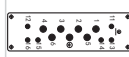


Accurate Size Test
Equipment

A Series

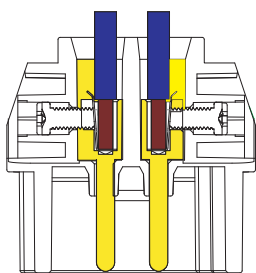
Hoods		Inserts	HA Series Screw Crimp	HD Series Crimp	HQ Series Crimp	HM Series Screw	Housings
3A			 230/400V 10A 3P+ ⚡	 250V 10A 7P+ ⚡			
			 230/400V 10A 4P+ ⚡	 -120V/-50V 10A 8P+ ⚡	 400V 10A 12P+ ⚡		
					 230/400V 16A 5P+ ⚡		
							
10A		 250V 16A 10P+ ⚡	 250V 10A 15P+ ⚡				
16A		 500V 16A 16P+ ⚡	 250V 10A 25P+ ⚡				 
32A		suitable for 2 inserts of size 16A					

B Series

Inserts		HE Series Screw Crimp Cage clamp	HVE Series Screw Crimp	HEE Series Crimp	HEEE Series Crimp	HD/HDD Series Crimp	HSB Series Screw	HK Series Screw Crimp	HM Series Screw Crimp	Housings
Hoods										
6B		 500V 16A 6P+ ⊕		 500V 16A 10P+ ⊕					 用于2个模块	
						 250V 10A 24P+ ⊕				
10B		 500V 16A 10P+ ⊕	 830V 16A 3+2P+ ⊕	 500V 16A 18P+ ⊕					 用于3个模块	
						 250V 10A 42P+ ⊕				
16B		 500V 16A 16P+ ⊕	 830V 16A 6+2P+ ⊕	 500V 16A 32P+ ⊕		 250V 10A 40P+ ⊕	 400/690V 35A 6P+ ⊕	 830/400V 80/16A 4/0P+ ⊕ 830/400V 80/16A 4/2P+ ⊕	 用于4个模块	
					 500V 16A 40P+ ⊕	 250V 10A 72P+ ⊕		 690/160V 40/10A 6/3P+ ⊕		
24B		 500V 16A 24P+ ⊕	 830V 16A 10+2P+ ⊕	 500V 16A 46P+ ⊕		 250V 10A 64P+ ⊕		 830/400V 80/16A 4/8P+ ⊕	 用于6个模块	
			 830V 16A 16+2P+ ⊕		 500V 16A 64P+ ⊕	 250V 10A 108P+ ⊕		 690/400V 100/16A 6/6P+ ⊕		
32B		suitable for 2 inserts of size 16B								
48B		suitable for 2 inserts of size 24B								

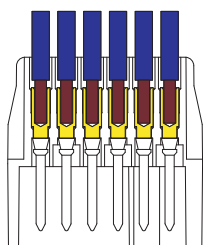
Termination details for inserts

Screw termination



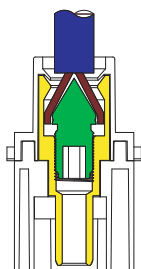
Inserts	Cross-section/Wire gauge		Stripping length mm
	mm ²	AWG	
HA-003, HA-004	0.75-1.5	18-16	4.5
HA-010, HA-016, HA032	0.75-2.5	18-14	7.5
HE Series, HVE Series	0.75-2.5	18-14	7.5
HSB Series	1.5-6	16-10	11.5
HK-006/6, HK-006/12: Signal Insert	0.2-2.5	24-14	7.5
HK-004/2, HK-004/8: Signal Insert	0.5-2.5	20-14	7.5
HK-004/0, HK-004/2, HK-004/8: Power Insert	1.5-16	16-6	14
HEAV Series	0.2-2.5	24-14	8-11

Crimp termination



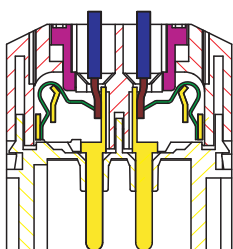
Inserts	Cross-section/Wire gauge		Internal diameter mm	Stripping length mm	
	mm ²	AWG		HDD HD (10A)	HE HA HVE (16A)
HA Series	0.14-0.37	26-22	0.9	4.5	4.5
HE Series	0.5	20	1.15	7.5	7.5
HEE Series	1	18	1.45	7.5	7.5
HD&HDD Series	1.5	16	1.75	11.5	11.5
HK Series	2, 5	14	2.25	7.5	7.5
HM Series	4	12	2.85	7.5	7.5
HQ Series	6	10	3.5	14	14

Axial screw termination



Inserts	Cross-section/Wire gauge		Stripping length mm
	mm ²	AWG	
HK-006/6 (100A)	16-35	5-2	13-14
40A Modular	2.5-10	14-8	5-11
70A Modular	6-22	8-4	11-12.5
100A Modular	10-38	6-2	13
200A Modular	25-70	2-0	16
HC-003/0, HC-003/2	2.5-10	14-8	5-11

Cage clamp termination



Inserts	Cross-section/Wire gauge		Stripping length mm
	mm ²	AWG	
HE Series	0.14-2.5	2-14	7-9

Insert

HE Series

Number of contact	6+⊕	10+⊕	16+⊕	24+⊕
Termination type	Screw termination	Screw termination	Screw termination	Screw termination
Suitable Shell	6B Shell	10B Shell	16B Shell	24B Shell
				
Flammability acc. to UL 94:V0 Rated current: Rated voltage: Rated impulse voltage: Pollution degree: Rated voltage acc. to UL/CSA:	16A 500V 6KV 3 600V	16A 500V 6KV 3 600V	16A 500V 6KV 3 600V	16A 500V 6KV 3 600V
Wire gauge:	0.75-2.5mm ²	0.75-2.5mm ²	0.75-2.5mm ²	0.75-2.5mm ²
Male Insert:	HE-006-M	HE-010-M	HE-016-M	HE-024-M
Female Insert:	HE-006-F	HE-010-F	HE-016-F	HE-024-F

HE Series

Number of contact	6+⊕	10+⊕	16+⊕	24+⊕
Termination type	Crimp termination	Crimp termination	Crimp termination	Crimp termination
Suitable Shell	6B Shell	10B Shell	16B Shell	24B Shell
				
Flammability acc. to UL 94:V0 Rated current: Rated voltage: Rated impulse voltage: Pollution degree: Rated voltage acc. to UL/CSA:	16A 500V 6KV 3 600V	16A 500V 6KV 3 600V	16A 500V 6KV 3 600V	16A 500V 6KV 3 600V
Wire gauge:	0.14-4.0mm ²	0.14-4.0mm ²	0.14-4.0mm ²	0.14-4.0mm ²
Male Insert:	HE-006-MC	HE-010-MC	HE-016-MC	HE-024-MC
Female Insert:	HE-006-FC	HE-010-FC	HE-016-FC	HE-024-FC

HE Series

Number of contact	6+⊕	10+⊕	16+⊕	24+⊕
Termination type	Spring termination	Spring termination	Spring termination	Spring termination
Suitable Shell	6B Shell	10B Shell	16B Shell	24B Shell
				
Flammability acc. to UL 94:V0 Rated current: Rated voltage: Rated impulse voltage: Pollution degree: Rated voltage acc. to UL/CSA:	16A 500V 6KV 3 600V	16A 500V 6KV 3 600V	16A 500V 6KV 3 600V	16A 500V 6KV 3 600V
Wire gauge:	0.14-2.5mm ²	0.14-2.5mm ²	0.14-2.5mm ²	0.14-2.5mm ²
Male Insert:	HE-006-MS	HE-010-MS	HE-016-MS	HE-024-MS
Female Insert:	HE-006-FS	HE-010-FS	HE-016-FS	HE-024-FS

HEE Series

Number of contact	10+⊕	18+⊕	32+⊕	46+⊕
Termination type	Crimp termination	Crimp termination	Crimp termination	Crimp termination
Suitable Shell	6B Shell	10B Shell	16B Shell	24B Shell
				
Flammability acc. to UL 94:V0 Rated current: Rated voltage: Rated impulse voltage: Pollution degree: Rated voltage acc. to UL/CSA:	16A 500V 6KV 3 600V	16A 500V 6KV 3 600V	16A 500V 6KV 3 600V	16A 500V 6KV 3 600V
Wire gauge:	0.14-4.0mm ²	0.14-4.0mm ²	0.14-4.0mm ²	0.14-4.0mm ²
Male Insert:	HEE-010-MC	HEE-018-MC	HEE-032-MC	HEE-046-MC
Female Insert:	HEE-010-FC	HEE-018-FC	HEE-032-FC	HEE-046-FC

HEEE Series

Number of contact	40+⊕	64+⊕
Termination type	Crimp termination	Crimp termination
Suitable Shell	16B Shell	24B Shell
Flammability acc. to UL 94:V0 Rated current: Rated voltage: Rated impulse voltage: Pollution degree: Rated voltage acc. to UL/CSA:	 16A 500V 6KV 3 600V	 16A 500V 6KV 3 600V
Wire gauge:	0.14-4.0mm ²	0.14-4.0mm ²
Male Insert:	HEEE-040-MC	HEEE-064-MC
Female Insert:	HEEE-040-FC	HEEE-064-FC

HVE Series

Number of contact	3+⊕	6+⊕	10+⊕
Termination type	Screw termination	Screw termination	Screw termination
Suitable Shell	10B Shell	16B Shell	24B Shell
Flammability acc. to UL 94:V0 Rated current: Rated voltage: Rated impulse voltage: Pollution degree: Rated voltage acc. to UL/CSA:	 16A 830V 8KV 3 600V	 16A 830V 8KV 3 600V	 16A 830V 8KV 3 600V
Wire gauge:	0.75-2.5mm ²	0.75-2.5mm ²	0.75-2.5mm ²
Male Insert:	HVE-003-M	HVE-006-M	HVE-010-M
Female Insert:	HVE-003-F	HVE-006-F	HVE-010-F

HVE Series

Number of contact	3+⊕	6+⊕	10+⊕
Termination type	Crimp termination	Crimp termination	Crimp termination
Suitable Shell	10B Shell	16B Shell	24B Shell
Flammability acc. to UL 94:V0 Rated current: Rated voltage: Rated impulse voltage: Pollution degree: Rated voltage acc. to UL/CSA:	 16A 830V 8KV 3 600V	 16A 830V 8KV 3 600V	 16A 830V 8KV 3 600V
Wire gauge:	0.5-4.0mm ²	0.5-4.0mm ²	0.5-4.0mm ²
Male Insert:	HVE-006-MC	HVE-010-MC	HVE-016-MC
Female Insert:	HVE-006-FC	HVE-010-FC	HVE-016-FC

HD Series

Number of contact	7+⊕	8	15+⊕	25+⊕
Termination type	Crimp termination	Crimp termination	Crimp termination	Crimp termination
Suitable Shell	3A Shell	3A Shell	10A Shell	16A Shell
Flammability acc. to UL 94:V0 Rated current: Rated voltage: Rated impulse voltage: Pollution degree: Rated voltage acc. to UL/CSA:	 10A 250V 4KV 3 600V	 10A 50V 0.8KV 3 600V	 10A 250V 4KV 3 600V	 10A 250V 4KV 3 600V
Wire gauge:	0.14-2.5mm ²	0.14-2.5mm ²	0.14-2.5mm ²	0.14-2.5mm ²
Male Insert:	HD-007-MC	HD-008-MC	HD-015-MC	HD-025-MC
Female Insert:	HD-007-FC	HD-008-FC	HD-015-FC	HD-025-FC

HEEE Series

Number of contact	40+⊕	64+⊕
Termination type	Crimp termination	Crimp termination
Suitable Shell	16B Shell	24B Shell
		
Flammability acc. to UL 94:V0 Rated current: Rated voltage: Rated impulse voltage: Pollution degree: Rated voltage acc. to UL/CSA:	10A 250V 4KV 3 600V	10A 250V 4KV 3 600V
Wire gauge:	0.14-2.5mm ²	0.14-2.5mm ²
Male Insert:	HD-040-MC	HD-064-MC
Female Insert:	HD-040-FC	HD-064-FC

HDD Series

Number of contact	24+⊕	42+⊕	72+⊕	108+⊕
Termination type	Crimp termination	Crimp termination	Crimp termination	Crimp termination
Suitable Shell	6B Shell	10B Shell	16B Shell	24B Shell
				
Flammability acc. to UL 94:V0 Rated current: Rated voltage: Rated impulse voltage: Pollution degree: Rated voltage acc. to UL/CSA:	10A 250V 4KV 3 600V	10A 250V 4KV 3 600V	10A 250V 4KV 3 600V	10A 250V 4KV 3 600V
Wire gauge:	0.14-2.5mm ²	0.14-2.5mm ²	0.14-2.5mm ²	0.14-2.5mm ²
Male Insert:	HDD-024-MC	HDD-042-MC	HDD-072-MC	HDD-108-MC
Female Insert:	HDD-024-FC	HDD-042-FC	HDD-072-FC	HDD-108-FC

HK Series

Number of contact	8/24+⊕	4/0+⊕	4/2+⊕	12/2+⊕
Termination type	Screw termination	Screw termination	Screw termination	Screw termination
Suitable Shell	10B Shell	16B Shell	16B Shell	16B Shell
				
Flammability acc. to UL 94:V0 Rated current: Rated voltage: Rated impulse voltage: Pollution degree: Rated voltage acc. to UL/CSA:	16/10A 400/160V 4/2.5KV 3/3 600/300V	80A 830V 8KV 3 600V	80/16A 830/400V 8/6KV 3/3 600/300V	40/10A 690/160V 8/4KV 3/3 600/300V
Wire gauge:	0.5-4.0mm ² /0.14-2.5mm ²	1.5-16mm ²	1.5-16mm ² /0.5-2.5mm ²	1.5-6.0mm ² /0.14-2.5mm ²
Male Insert:	HK-008/24-MC	HK-004/0-M	HK-004/2-M	HK-012/2-MC
Female Insert:	HK-008/24-FC	HK-004/0-F	HK-004/2-F	HK-012/2-FC

HK Series

Number of contact	6/36+⊕	4/8+⊕	6/6+⊕	8/0+⊕
Termination type	Crimp termination	Screw termination	Axial termination	Axial termination
Suitable Shell	16B Shell	24B Shell	24B Shell	24B Shell
				
Flammability acc. to UL 94:V0 Rated current: Rated voltage: Rated impulse voltage: Pollution degree: Rated voltage acc. to UL/CSA:	40/10A 690/160V 8/2.5KV 3/3 600/300V	80/16A 400/400V 6/6KV 3/3 600/300V	100/16A 690/400V 8/6KV 3/3 600/300V	100A 690V 8KV 3 600V
Wire gauge:	1.5-6.0mm ² /0.14-2.5mm ²	1.5-16mm ² /0.5-2.5mm ²	16-35mm ² /0.14-2.5mm ²	1.5-6.0mm ²
Male Insert:	HK-006/36-MC	HK-004/8-M	HK-006/6-M	HK-008/0-M
Female Insert:	HK-006/36-FC	HK-004/8-F	HK-006/6-F	HK-008/0-F

HK Series

Number of contact	6/6+⊕
Termination type	Screw termination
Suitable Shell	24B Shell
	
Flammability acc. to UL 94:V0	
Rated current:	
Rated voltage:	
Rated impulse voltage:	40/16A 690/400V 8/6KV 3/3
Pollution degree:	
Rated voltage acc. to UL/CSA:	600/300V
Wire gauge:	4-10mm ² /1-2.5mm ²
Male Insert:	HWK-006/6-M
Female Insert:	HWK-006/6-F

HSB Series

Number of contact	6+⊕
Termination type	Screw termination
Suitable Shell	16B Shell
	
Flammability acc. to UL 94:V0	
Rated current:	
Rated voltage:	
Rated impulse voltage:	35A 400/690V 6KV 3
Pollution degree:	
Rated voltage acc. to UL/CSA:	600V
Wire gauge:	1.5-6.0mm ²
Male Insert:	HSB-006-M
Female Insert:	HSB-006-F

HEAV Series

Number of contact	6+⊕	10+⊕	16+⊕	24+⊕
Termination type	Screw termination	Screw termination	Screw termination	Screw termination
Suitable Shell	6B Shell	10B Shell	16B Shell	24B Shell
				
Flammability acc. to UL 94:V0				
Rated current:				
Rated voltage:				
Rated impulse voltage:	16A 500V 6KV 3	16A 500V 6KV 3	16A 500V 6KV 3	16A 500V 6KV 3
Pollution degree:				
Rated voltage acc. to UL/CSA:	600V	600V	600V	600V
Wire gauge:	0.2-2.5mm ²	0.2-2.5mm ²	0.2-2.5mm ²	0.2-2.5mm ²
Left Male Insert:	HEAV-006-ML	HEAV-010-ML	HEAV-016-ML	HEAV-024-ML
Right Male Insert:	HEAV-006-MR	HEAV-010-MR	HEAV-016-MR	HEAV-024-MR

HEAV Series

Number of contact	6+⊕	10+⊕	16+⊕	24+⊕
Termination type	Screw termination	Screw termination	Screw termination	Screw termination
Suitable Shell	6B Shell	10B Shell	16B Shell	24B Shell
				
Flammability acc. to UL 94:V0				
Rated current:				
Rated voltage:				
Rated impulse voltage:	16A 500V 6KV 3	16A 500V 6KV 3	16A 500V 6KV 3	16A 500V 6KV 3
Pollution degree:				
Rated voltage acc. to UL/CSA:	600V	600V	600V	600V
Wire gauge:	0.2-2.5mm ²	0.2-2.5mm ²	0.2-2.5mm ²	0.2-2.5mm ²
Left Female Insert:	HEAV-006-FL	HEAV-010-FL	HEAV-016-FL	HEAV-024-FL
Right Female Insert:	HEAV-006-FR	HEAV-010-FR	HEAV-016-FR	HEAV-024-FR

HA Series

Number of contact	3+Ⓢ	4+Ⓢ	10+Ⓢ	10+Ⓢ
Termination type	Screw termination	Screw termination	Screw termination	Crimp termination
Suitable Shell	3A Shell	3A Shell	10A Shell	10A Shell
				
Flammability acc. to UL 94:V0				
Rated current:				
Rated voltage:				
Rated impulse voltage:				
Pollution degree:				
Rated voltage acc. to UL/CSA:	10A 250/400V 4KV 3 600V	10A 250/400V 4KV 3 600V	16A 250V 4KV 3 600V	16A 250V 4KV 3 600V
Wire gauge/AWG:	0.75-1.5mm ²	0.75-2.5mm ²	0.75-2.5mm ²	0.75-2.5mm ²
Male Insert	HA-003-M	HA-004-M	HA-010-M	HA-010-MC
Female Insert	HA-003-F	HA-004-F	HA-010-F	HA-010-FC

HA Series

Number of contact	16+⊕	16+⊕
Termination type	Screw termination	Crimp termination
Suitable Shell	16A Shell	16A Shell
		
Flammability acc. to UL 94:V0		
Rated current:		
Rated voltage:		
Rated impulse voltage:	16A 250V 4KV 3	16A 250V 4KV 3
Pollution degree:	600V	600V
Rated voltage acc. to UL/CSA:		
Wire gauge/AWG:	0.75-2.5mm ²	0.75-2.5mm ²
Male Insert	HA-016-M	HA-016-MC
Female Insert	HA-016-F	HA-016-FC

HQ Series

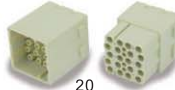
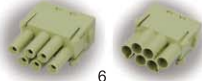
Number of contact	5/0+⊕	7/0+⊕	12/0+⊕
Termination type	Crimp termination	Crimp termination	Crimp termination
Suitable Shell	3A Shell	3A Shell	3A Shell
			
Flammability acc. to UL 94:V0			
Rated current:			
Rated voltage:			
Rated impulse voltage:	10A 230/400V 4KV 3	10A 400V 6KV 3	10A 400V 6KV 3
Pollution degree:	600V	600V	600V
Rated voltage acc. to UL/CSA:			
Wire gauge:	0.14-2.5mm ²	0.14-2.5mm ²	0.14-2.5mm ²
Male Insert:	HQ-005/0-MC	HQ-007/0-MC	HQ-012/0-MC
Female Insert:	HQ-005/0-FC	HQ-007/0-FC	HQ-012/0-FC



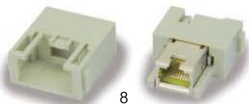
Module inserts

100-200A		H2MK-001		H2MK-001		H2MK-002	
	Number of contact Spec Termination type	 1 200A/1000V Axial screw termination		 1 200A/1000V Crimp termination		 2 100A/1000V Axial Screw termination	
	Wire gauge	40~70mm ²		25~70mm ²		16~35mm ²	
	Male	192 200 001 2220		192 200 001 3020		192 200 002 2220	
	Female	192 201 001 2220		192 201 001 3020		192 201 002 2220	
	Wire gauge	25~40mm ²				10~25mm ²	
	Male	192 200 001 2120				192 200 002 2120	
	Female	192 201 001 2120				192 201 002 2120	

40-70A		HMK70-002	HMK-003	HMK-002	HMK-003	HMK-004	HMK-003/4
	Number of contact Spec Termination type	 2 70A/1000V Axial screw termination	 3 40A/690V Axial screw termination	 2 40A/1000V Crimp termination	 3 40A/690V Crimp termination	 4 40A/830V Crimp termination	 7 40A+10A/830V Crimp termination
	Wire gauge	14~22mm ²	6~10mm ²	1. 5~10mm ²	1. 5~6mm ²	1. 5~6mm ²	0.14~6mm ²
	Male	192 210 002 2220	192 200 003 2200	192 200 002 3000	192 200 003 3000	192 200 004 3000	192 200 0073000
	Female	192 211 002 2220	192 201 003 2200	192 201 002 3000	192 201 003 3000	192 201 004 3000	192 201 007 3000
	Wire gauge	6~16mm ²	2.5~8mm ²				
	Male	192 210 002 2120	192 200 003 2100				
	Female	192 211 002 2120	192 201 003 2100				

16A		HME-006	HMEE-008	H2MEE-020	HVME-006
	Number of contact Spec Termination type	 6 16A/500V Crimp termination	 8 16A/500V Crimp termination	 20 16A/500V Crimp termination	 6 16A/500V Crimp termination
	Wire gauge	0. 14~4mm ²	0. 14~4mm ²	0. 14~4mm ²	0. 14~4mm ²
	Male	192 200 006 3000	192 200 008 3000	192 200 020 3000	192 210 006 3000
	Female	192 201 006 3000	192 201 008 3000	192 201 020 3000	192 211 006 3000

10A		HMD-012	HMDD-017	HMDS-025
	Number of contact Spec Termination type	 12 10A/250V Crimp termination	 17 10A/250V Crimp termination	 25 4A/50V Crimp termination
	Wire gauge	0. 14~2.5mm ²	0. 14~2.5mm ²	0. 08~0.52mm ²
	Male	192 200 012 3000	192 200 017 3000	192 200 025 3000
	Female	192 201 012 3000	192 201 017 3000	192 201 025 3000

RJ45 modular		HM-USB	HM-RJ45
	Number of contact Spec	 5Gbit/S (USB3.0) 10A/250V	 8 cat5e 10/100/1000Mbit/S 1A/50V
	Wire gauge	192 210 000 0000	192 220 000 0000
	Male	192 211 000 0000	192 231 000 0000
	Female		192 230 000 0000

Pneumatic modular		HMP-002	HMP-003		
		 6.0mm / 1/4" Max 8bar/116psi	 1.6mm / 1/16" 3.0mm 4.0mm / 1/8" Max 8bar/116psi		
					
	OD	6.0	1.6	3.0	4.0
	Male	191 123 000 5130	191 123 000 5230	191 123 000 5110	191 123 000 5120
	M(No locking)	191 223 000 5130	191 223 000 5230	191 223 000 5110	191 223 000 5120
	M(With locking)	191 223 000 6130	191 223 000 6230	191 223 000 6110	191 223 000 6120

Module Rail Bracket

Rail Bracket structure A

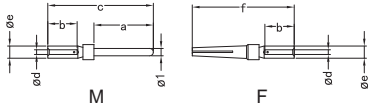
Number of contact	2	3	4	6
Identification	A-B, a-b	A-C, a-c	A-D, a-d	A-F, a-f
Suitable Shell	6B Shell	10B Shell	16B Shell	24B Shell
				
Material	Zinc alloy	Zinc alloy	Zinc alloy	Zinc alloy
Max temperature	-40°C...+125°C	-40°C...+125°C	-40°C...+125°C	-40°C...+125°C
Mating cycle	≥500	≥500	≥500	≥500
Male contact	H6B-TA2-M	H10B-TA3-M	H16B-TA4-M	H24B-TA6-M
Female contact	H6B-TA2-F	H10B-TA3-F	H16B-TA4-F	H24B-TA6-F

Rail Bracket structure A

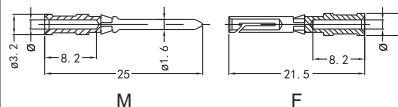
Number of contact	2	3	4	6
Identification	A-B, a-b	A-C, a-c	A-D, a-d	A-F, a-f
Suitable Shell	6B Shell	10B Shell	16B Shell	24B Shell
				
Material	Zinc alloy	Zinc alloy	Zinc alloy	Zinc alloy
Max temperature	-40°C...+125°C	-40°C...+125°C	-40°C...+125°C	-40°C...+125°C
Mating cycle	≥500	≥500	≥500	≥500
Male contact	H6B-TB2-M	H10B-TB3-M	H16B-TB4-M	H24B-TB6-M
Female contact	H6B-TB2-F	H10B-TB3-F	H16B-TB4-F	H24B-TB6-F

Crimp inserts

5A crimp contacts,Apply to HM inserts

M			F		drawing(mm)																																												
Crimp inserts	Part number	Designation	Part number	Designation																																													
silver plated	191 100 005 0010	YJ1.0-14.8-0.25AG	191 200 005 0010	YK1.0-14.4-0.25AG																																													
	191 100 005 0020	YJ1.0-14.8-0.33AG	191 200 005 0020	YK1.0-14.4-0.33AG																																													
	191 100 005 0050	YJ1.0-14.8-0.52AG	191 200 005 0050	YK1.0-14.4-0.52AG																																													
	191 100 005 0070	YJ1.0-14.0-0.82AG	191 200 005 0070	YK1.0-13.6-0.82AG																																													
gold plated	191 110 005 0010	YJ1.0-14.8-0.25AU	191 210 005 0010	YK1.0-14.4-0.25AU	<table><tr><th>a</th><th>b</th><th>c</th><th>d</th><th>e</th><th>f</th></tr><tr><td>8.1</td><td>4.0</td><td>14.8</td><td>0.64</td><td>1.66</td><td>14.4</td></tr><tr><td>8.1</td><td>4.0</td><td>14.8</td><td>0.90</td><td>1.66</td><td>14.4</td></tr><tr><td>8.1</td><td>4.0</td><td>14.8</td><td>1.12</td><td>1.66</td><td>14.4</td></tr><tr><td>8.23</td><td>4.2</td><td>14.0</td><td>1.35</td><td>1.75</td><td>13.6</td></tr></table> <table><tr><th>Wire gauge (mm²) /AWG</th><th>Stripping length</th></tr><tr><td>0.09-0.25mm²</td><td>AWG28-23</td><td>5mm</td></tr><tr><td>0.13-0.33mm²</td><td>AWG26-22</td><td>5mm</td></tr><tr><td>0.33-0.52mm²</td><td>AWG22-20</td><td>5mm</td></tr><tr><td>0.52-0.82mm²</td><td>AWG20-18</td><td>5mm</td></tr></table> contact resistance≤1mΩ	a	b	c	d	e	f	8.1	4.0	14.8	0.64	1.66	14.4	8.1	4.0	14.8	0.90	1.66	14.4	8.1	4.0	14.8	1.12	1.66	14.4	8.23	4.2	14.0	1.35	1.75	13.6	Wire gauge (mm ²) /AWG	Stripping length	0.09-0.25mm ²	AWG28-23	5mm	0.13-0.33mm ²	AWG26-22	5mm	0.33-0.52mm ²	AWG22-20	5mm	0.52-0.82mm ²	AWG20-18	5mm
	a	b	c	d		e	f																																										
	8.1	4.0	14.8	0.64		1.66	14.4																																										
	8.1	4.0	14.8	0.90		1.66	14.4																																										
8.1	4.0	14.8	1.12	1.66	14.4																																												
8.23	4.2	14.0	1.35	1.75	13.6																																												
Wire gauge (mm ²) /AWG	Stripping length																																																
0.09-0.25mm ²	AWG28-23	5mm																																															
0.13-0.33mm ²	AWG26-22	5mm																																															
0.33-0.52mm ²	AWG22-20	5mm																																															
0.52-0.82mm ²	AWG20-18	5mm																																															
191 110 005 0020	YJ1.0-14.8-0.33AU	191 210 005 0020	YK1.0-14.4-0.33AU																																														
191 110 005 0050	YJ1.0-14.8-0.52AU	191 210 005 0050	YK1.0-14.4-0.52AU																																														
191 110 005 0070	YJ1.0-14.0-0.82AU	191 210 005 0070	YK1.0-13.6-0.82AU																																														

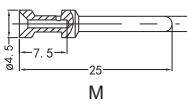
10A crimp contacts,Apply to HD、HDD、HM、HK、HQ inserts

M			F		drawing(mm)																												
Crimp inserts	Part number	Designation	Part number	Designation																													
silver plated 	191 100 010 0030	YJ1.6-25-0.37AG	191 200 010 0030	YK1.6-21.5-0.37AG	 M F																												
	191 100 010 0040	YJ1.6-25-0.5AG	191 200 010 0040	YK1.6-21.5-0.5AG																													
	191 100 010 0060	YJ1.6-25-0.75AG	191 200 010 0060	YK1.6-21.5-0.75AG																													
	191 100 010 0080	YJ1.6-25-1.0AG	191 200 010 0080	YK1.6-21.5-1.0AG																													
	191 100 010 0090	YJ1.6-25-1.5AG	191 200 010 0090	YK1.6-21.5-1.5AG																													
	191 100 010 0100	YJ1.6-25-2.5AG	191 200 010 0100	YK1.6-21.5-2.5AG																													
gold plated 	191 110 010 0030	YJ1.6-25-0.37AU	191 210 010 0030	YK1.6-21.5-0.37AU	<table><tr><th>Wire gauge (mm²) /AWG</th><th></th><th>ø</th><th>Stripping length</th></tr><tr><td>0.14~0.37mm²</td><td>AWG26~22</td><td>0.9</td><td>8mm</td></tr><tr><td>0.5mm²</td><td>AWG20</td><td>1.1</td><td>8mm</td></tr><tr><td>0.75mm²</td><td>AWG18</td><td>1.3</td><td>8mm</td></tr><tr><td>1mm²</td><td>AWG17</td><td>1.45</td><td>8mm</td></tr><tr><td>1.5mm²</td><td>AWG15</td><td>1.75</td><td>8mm</td></tr><tr><td>2.5mm²</td><td>AWG13</td><td>2.25</td><td>6mm</td></tr></table>	Wire gauge (mm ²) /AWG		ø	Stripping length	0.14~0.37mm ²	AWG26~22	0.9	8mm	0.5mm ²	AWG20	1.1	8mm	0.75mm ²	AWG18	1.3	8mm	1mm ²	AWG17	1.45	8mm	1.5mm ²	AWG15	1.75	8mm	2.5mm ²	AWG13	2.25	6mm
	Wire gauge (mm ²) /AWG		ø	Stripping length																													
	0.14~0.37mm ²	AWG26~22	0.9	8mm																													
	0.5mm ²	AWG20	1.1	8mm																													
	0.75mm ²	AWG18	1.3	8mm																													
	1mm ²	AWG17	1.45	8mm																													
1.5mm ²	AWG15	1.75	8mm																														
2.5mm ²	AWG13	2.25	6mm																														
	191 110 010 0040	YJ1.6-25-0.5AU	191 210 010 0040	YK1.6-21.5-0.5AU																													
	191 110 010 0060	YJ1.6-25-0.75AU	191 210 010 0060	YK1.6-21.5-0.75AU																													
	191 110 010 0080	YJ1.6-25-1.0AU	191 210 010 0080	YK1.6-21.5-1.0AU																													
	191 110 010 0090	YJ1.6-25-1.5AU	191 210 010 0090	YK1.6-21.5-1.5AU																													
	191 110 010 0100	YJ1.6-25-2.5AU	191 210 010 0100	YK1.6-21.5-2.5AU																													

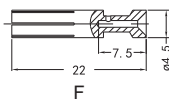
contact resistance≤3mΩ

16A crimp contacts,Apply to HEE、HM、HK inserts

M			F		drawing(mm)
Crimp inserts	Part number	Designation	Part number	Designation	
silver plated 	191 100 016 0030	YJ2.5-25-0.37AG	191 200 016 0030	YK2.5-22-0.37AG	
	191 100 016 0040	YJ2.5-25-0.5AG	191 200 016 0040	YK2.5-22-0.5AG	
	191 100 016 0060	YJ2.5-25-0.75AG	191 200 016 0060	YK2.5-22-0.75AG	
	191 100 016 0080	YJ2.5-25-1.0AG	191 200 016 0080	YK2.5-22-1.0AG	
	191 100 016 0090	YJ2.5-25-1.5AG	191 200 016 0090	YK2.5-22-1.5AG	
	191 100 016 0100	YJ2.5-25-2.5AG	191 200 016 0100	YK2.5-22-2.5AG	
	191 100 016 0110	YJ2.5-25-3.0AG	191 200 016 0110	YK2.5-22-3.0AG	
	191 100 016 0120	YJ2.5-25-4.0AG	191 200 016 0120	YK2.5-22-4.0AG	
gold plated 	191 110 016 0030	YJ2.5-25-0.37AU	191 210 016 0030	YK2.5-22-0.37AU	
	191 110 016 0040	YJ2.5-25-0.5AU	191 210 016 0040	YK2.5-22-0.5AU	
	191 110 016 0060	YJ2.5-25-0.75AU	191 210 016 0060	YK2.5-22-0.75AU	
	191 110 016 0080	YJ2.5-25-1.0AU	191 210 016 0080	YK2.5-22-1.0AU	
	191 110 016 0090	YJ2.5-25-1.5AU	191 210 016 0090	YK2.5-22-1.5AU	
	191 110 016 0100	YJ2.5-25-2.5AU	191 210 016 0100	YK2.5-22-2.5AU	
	191 110 016 0110	YJ2.5-25-3.0AU	191 210 016 0110	YK2.5-22-3.0AU	
	191 110 016 0120	YJ2.5-25-4.0AU	191 210 016 0120	YK2.5-22-4.0AU	



M



F

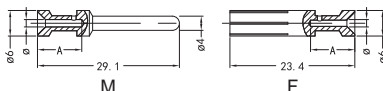
Identification	Wire gauge (mm ²) /AWG
no groove	0. 14~0. 37 AWG26~22
no groove	0. 5 AWG20
1 groove	0. 75 AWG18
1 groove	1 AWG18
2 grooves	1. 5 AWG16
3 grooves	2. 5 AWG14
wide groove	3 AWG12
no groove	4 AWG12

Stripping length:7.5mm

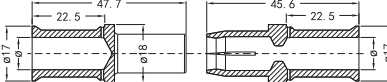
contact resistance≤1mΩ

Crimp inserts

40A crimp contacts, Apply to HM、HK insert

M		F																											
Crimp inserts	Part number	Designation	Part number	Designation	drawing(mm)																								
hard-silver plated	191 100 040 0090	YJ4.0-29.1-1.5AG	191 200 040 0090	YK4.0-23.4-1.5AG																									
	191 100 040 0100	YJ4.0-29.1-2.5AG	191 200 040 0200	YK4.0-23.4-2.5AG																									
	191 100 040 0120	YJ4.0-29.1-4.0AG	191 200 040 0120	YK4.0-23.4-4.0AG																									
	191 100 040 0130	YJ4.0-29.1-6.0AG	191 200 040 0130	YK4.0-23.4-6.0AG																									
	191 100 040 0140	YJ4.0-29.1-10.0AG	191 200 040 0140	YK4.0-23.4-10.0AG																									
hard-gold plated	191 110 040 0090	YJ4.0-29.1-1.5AU	191 210 040 0090	YK4.0-23.4-1.5AU	<table><tr><th>Wire gauge</th><th>AWG</th><th>ø</th><th>Stripping length</th></tr><tr><td>1.5mm²</td><td>15</td><td>1.75</td><td>9mm</td></tr><tr><td>2.5mm²</td><td>13</td><td>2.25</td><td>9mm</td></tr><tr><td>4mm²</td><td>11</td><td>2.85</td><td>9.6mm</td></tr><tr><td>6mm²</td><td>9</td><td>3.5</td><td>9.6mm</td></tr><tr><td>10mm²</td><td>7</td><td>4.5</td><td>15mm</td></tr></table> Stripping length A=15mm with cable≥5mm Stripping length A=18mm with cable≥6.4mm contact resistance≤1mΩ	Wire gauge	AWG	ø	Stripping length	1.5mm ²	15	1.75	9mm	2.5mm ²	13	2.25	9mm	4mm ²	11	2.85	9.6mm	6mm ²	9	3.5	9.6mm	10mm ²	7	4.5	15mm
	Wire gauge	AWG	ø	Stripping length																									
	1.5mm ²	15	1.75	9mm																									
	2.5mm ²	13	2.25	9mm																									
	4mm ²	11	2.85	9.6mm																									
6mm ²	9	3.5	9.6mm																										
10mm ²	7	4.5	15mm																										
191 110 040 0100	YJ4.0-29.1-2.5AU	191 210 040 0100	YK4.0-23.4-2.5AU																										
191 110 040 0120	YJ4.0-29.1-4.0AU	191 210 040 0120	YK4.0-23.4-4.0AU																										
191 110 040 0130	YJ4.0-29.1-6.0AU	191 210 040 0130	YK4.0-23.4-6.0AU																										
191 110 040 0140	YJ4.0-29.1-10.0AU	191 210 040 0140	YK4.0-23.4-10.0AU																										

200A crimp contacts, Apply to HM insert

M		F																		
Crimp inserts	Part number	Designation	Part number	Designation	drawing(mm)															
hard-silver plated 	191 100 100 0140	YJ8.0-41-10AG	191 200 100 0140	YK8.0-39-10AG	 <table><tr><th>Wire gauge</th><th>Ø</th><th>Stripping length</th></tr><tr><td>25mm²</td><td>7</td><td>22.5mm</td></tr><tr><td>35mm²</td><td>8.2</td><td>22.5mm</td></tr><tr><td>50mm²</td><td>10</td><td>22.5mm</td></tr><tr><td>70mm²</td><td>11.5</td><td>22.5mm</td></tr></table> Cable strand according to IEC 60228-5 contact resistance≤0.3mΩ	Wire gauge	Ø	Stripping length	25mm ²	7	22.5mm	35mm ²	8.2	22.5mm	50mm ²	10	22.5mm	70mm ²	11.5	22.5mm
	Wire gauge	Ø	Stripping length																	
	25mm ²	7	22.5mm																	
	35mm ²	8.2	22.5mm																	
	50mm ²	10	22.5mm																	
70mm ²	11.5	22.5mm																		
191 100 100 0150	YJ8.0-41-16AG	191 200 100 0150	YK8.0-39-16AG																	
191 100 100 0160	YJ8.0-41-25AG	191 200 100 0160	YK8.0-39-25AG																	
191 100 100 0170	YJ8.0-41-35AG	191 200 100 0170	YK8.0-39-35AG																	

Shell

3A Shell	Hood		Housing				Cap
	Side entry	Top entry	Cutout	Cutout	Back cover	In-line	
Plastic							
Metal							

	Hood				Housing					Cap
	Side entry	Side entry high construction	Top entry	Top entry high construction	Cutout	Back cover	Back cover high construction	In-line	In-line high construction	
10A Shell 16A Shell										
32A Shell										
6B Shell 10B Shell 16B Shell 24B Shell										
32B Shell										
48B Shell										

	Hood				Housing			Cap
	Side entry	Side entry high construction	Top entry	Top entry high construction	Cutout	Back cover	In-line high construction	
32A Shell								
10B Shell 16B Shell 24B Shell								

Plastic shell

	Hood		Housing		Cap
	Side entry	Top entry	Cutout	Back cover	
6B Shell 10B Shell 24B Shell					

Pressure tight shell

	Hood		Housing		Cap
	Side entry	Top entry	Cutout	Back cover	
6B Shell 10B Shell 24B Shell					

TOOL

Removal tools

	Model	Part number
5A Removal tool		
	RT-5A	193 004 001 2000
HD series 10A Removal tool		
	RT-HD/10A	193 004 002 2000
HEE series 16A Removal tool		
	RT-HEE/16A	193 004 003 2000

Crimp tool

	Contacts cross-section [mm ²]	Model	Part number
	0.031-0.52mm ²	CT-0.031/0.52	193 003 001 0000
	0.12-3.3mm ²	CT-0.12/3.3	193 003 002 0000
	0.37-6mm ²	CT-0.37/6	193 003 003 0000



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