

HE | Technical characteristics



Current carrying capacity

The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals

Specifications	DIN EN 60 664 DIN EN 61 984
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Inserts

Number of contacts	6, 10, 16, 24, 32, 48 32(2x16), 48(2x24)+PE
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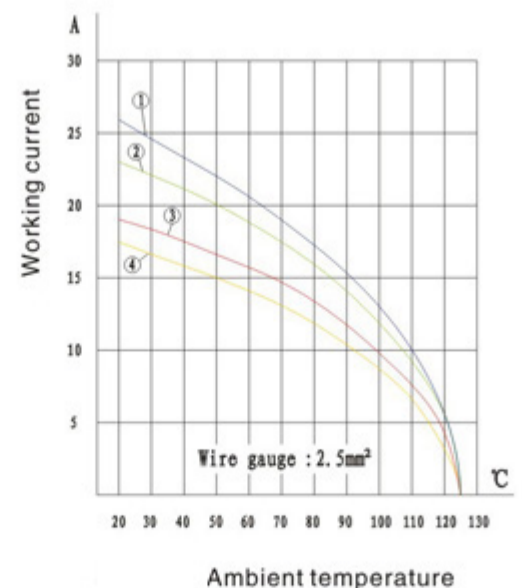
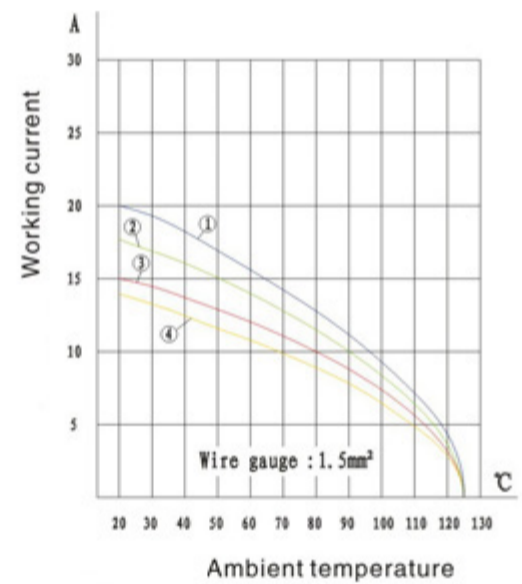
Working current (See current carrying capacity)	16A
Working voltage	500V
Pollution degree	3
Rated impulse voltage	6KV

Insulation resistance	$\geq 10^{10} \Omega$
Material	Polycarbonate
UL94/Flammability acc.to(UL94)	VO
Limiting temperatures	-40°C~ +125°C
Mechanical working life(mating cycles)	≥ 500
UL/CSA Working voltage acc.to UL/CSA	600V

Contacts

Material	copper alloy
Surface	Silver plated
Contact resistance	$\leq 1m\Omega$
Terminal	Screw terminal
Wire gauge	1.0-2.5mm ² (AWG18-14)
Screw terminal tightening	0.5Nm
Stripping length	7-9mm

DIN EN 60512-5
Control and test procedures
according to DIN EN 60512-5



1 HZW-HE-006 3 HZW-HE-010
2 HZW-HE-016 4 HZW-HE-024

Hzw-HE

Insert 500V 16A

Number of contacts

6, 10, 16, 24+

HE

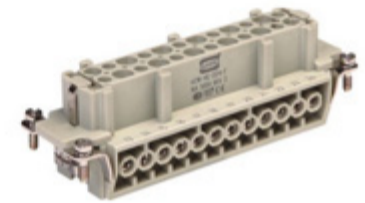


TYPE HZW-HE-006-M
Part number 61 206 006 261
Hoods/Housings Size HZW-H6B

TYPE HZW-HE-006-F
Part number 61 206 006 262
Hoods/Housings Size HZW-H6B

TYPE HZW-HE-010-M
Part number 61 206 010 271
Hoods/Housings Size HZW-H10B

TYPE HZW-HE-010-F
Part number 61 206 010 272
Hoods/Housings Size HZW-H10B



TYPE HZW-HE-016-M
Part number 61 206 016 281
Hoods/Housings Size HZW-H16B

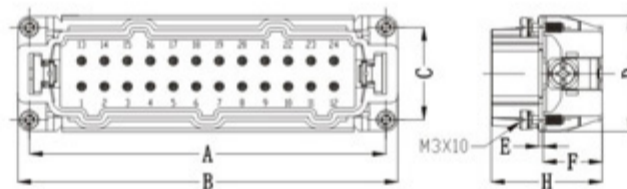
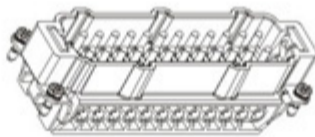
TYPE HZW-HE-016-F
Part number 61 206 016 282
Hoods/Housings Size HZW-H16B

TYPE HZW-HE-024-M
Part number 61 206 024 291
Hoods/Housings Size HZW-H24B

TYPE HZW-HE-024-F
Part number 61 206 024 292
Hoods/Housings Size HZW-H24B

Drawing (Dimensions in mm)

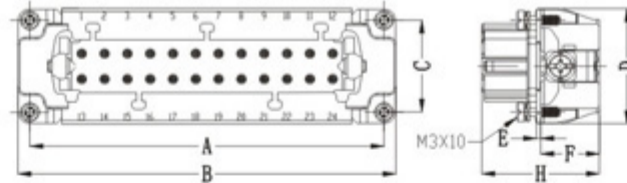
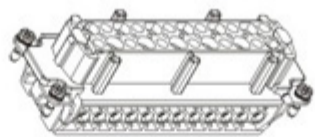
Male insert (M)



Male insert(M)

number of contacts	A	B	C	D	E	F	H
HZW-HE-006	44	51	27	34	1.2	17.3	32.4
HZW-HE-010	57	64	27	34	1.2	17.3	32.4
HZW-HE-016	77.5	84.5	27	34	1.2	17.3	32.4
HZW-HE-024	104	111	27	34	1.2	17.3	32.4

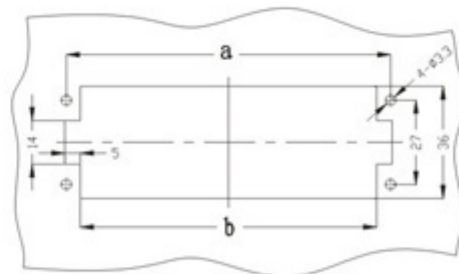
Female insert (F)



Female insert(F)

number of contacts	A	B	C	D	E	F	H
HZW-HE-006	44	51	27	34	1.2	17.3	34.6
HZW-HE-010	57	64	27	34	1.2	17.3	34.6
HZW-HE-016	77.5	84.5	27	34	1.2	17.3	34.6
HZW-HE-024	104	111	27	34	1.2	17.3	34.6

Panel cut out



Panel cut out

Size	a	b
HZW-HE-006	44	35
HZW-HE-010	57	48
HZW-HE-016	77.5	68.5
HZW-HE-024	104	95

Note: Suit hood/housings:Size H6B,H10B,H16B,H24B

Hood/Housing detail on "Hood/Housing" section

Hzw-HE

Insert 500V 16A

Number of contacts

32,48 + ⊕



TYPE HZW-HE-032-M
Part number 61 206 032 283
Hoods/Housings Size HZW-H32B

TYPE HZW-HE-032-F
Part number 61 206 032 284
Hoods/Housings Size HZW-H32B

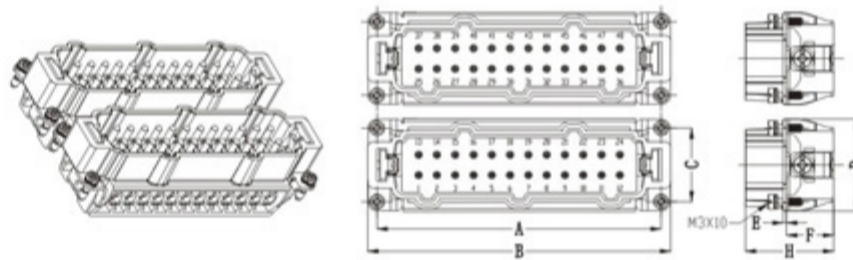
TYPE HZW-HE-048-M
Part number 61 206 048 293
Hoods/Housings Size HZW-H48B

TYPE HZW-HE-048-F
Part number 61 206 048 294
Hoods/Housings Size HZW-H48B

HE

Drawing (Dimensions in mm)

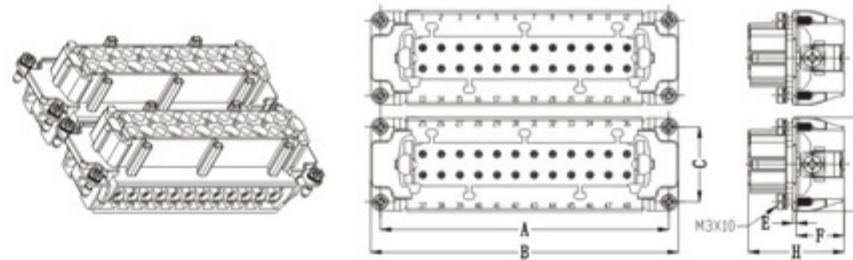
Male insert (M)



Male insert(M)

number of contacts	A	B	C	D	E	F	H
HZW-HE-032	77.5	84.5	27	34	1.2	17.3	32.4
HZW-HE-048	104	111	27	34	1.2	17.3	32.4

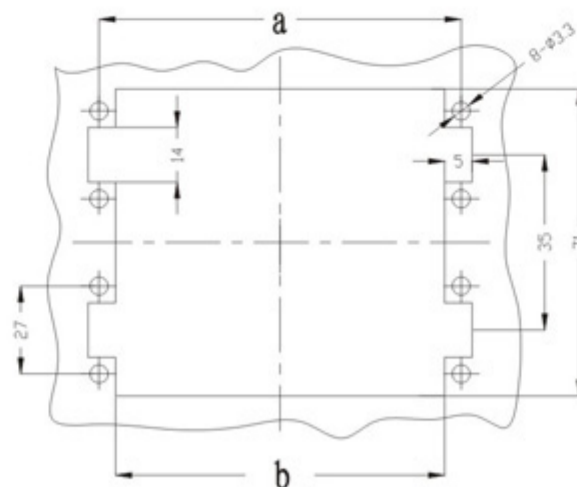
Female insert (F)



Female insert(F)

number of contacts	A	B	C	D	E	F	H
HZW-HE-032	77.5	84.5	27	34	1.2	17.3	34.6
HZW-HE-048	104	111	27	34	1.2	17.3	34.6

Panel cut out



Panel cut out

Size	a	b
HZW-HE-032	77.5	68.5
HZW-HE-048	104	95

Note: Suit hood/housings:Size H32B,H48B

Hood/Housing detail on "Hood/Housing" section