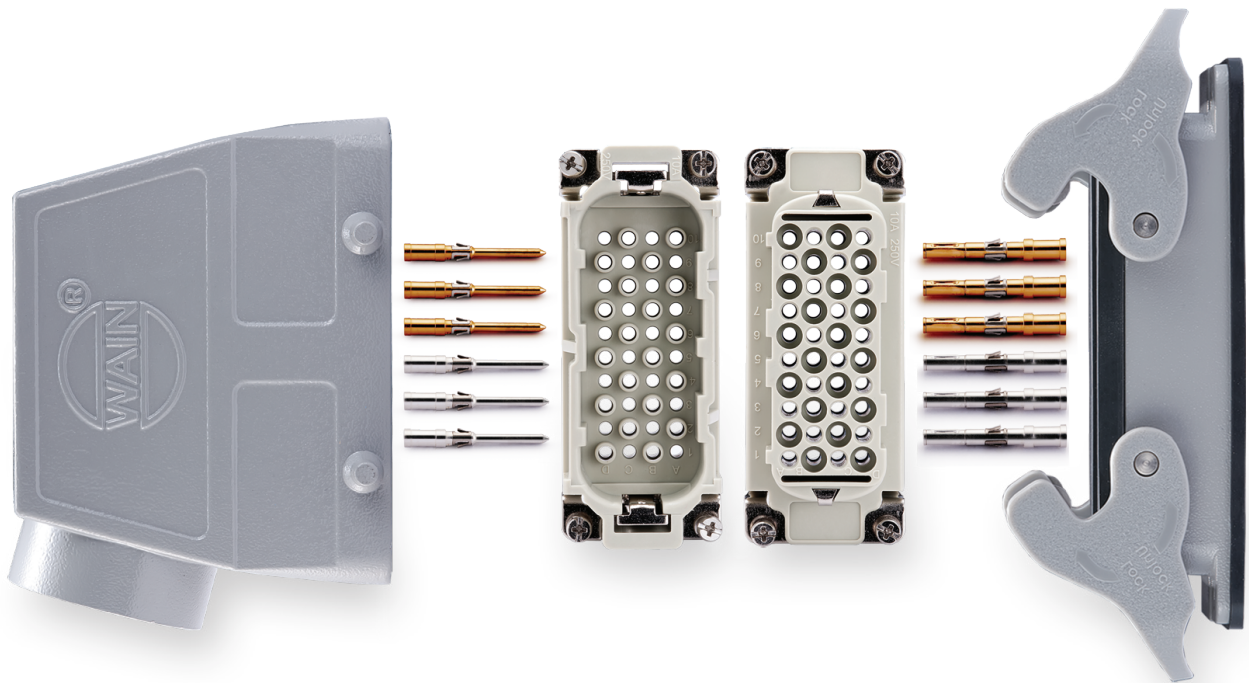


# HD HDD SERIES

Ultra-high density connector

HD  
HDD



# HD SERIES Ultra-high density inserts

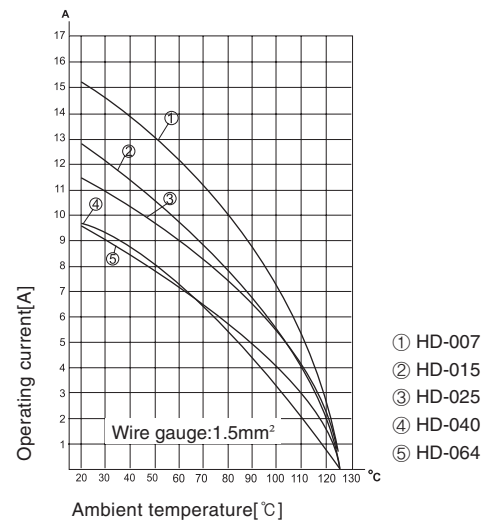
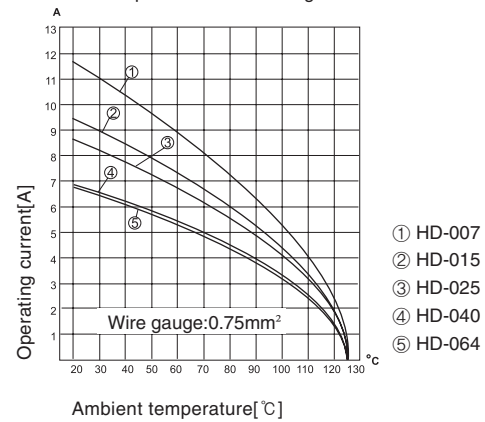
## Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Approvals	
Inserts	
Number of contacts	7,8,15,25,40,50(25x2),64,80(40x2), 128(64x2)+PE
Electrical data acc. to EN 61 984	
-Rated current	10A
-Rated voltage	250V
-Rated impulse voltage	4kV
-Pollution degree	3
-Pollution degree 2 also	10A 230/400V 4kV 2
Rated voltage acc. to UL/CSA	600V
Rated voltage for wrap terminal acc. to CSA	2A 30V
Insulation resistance	$\geq 10^{10} \Omega$
Material	polycarbonate
Limiting temperatures	-40 °C ... +125 °C
Flammability acc. to UL 94	V0
Mechanical working life(mating cycles)	$\geq 500$
Contacts	
Material	copper alloy
Surface	hard-gold plated hard-silver plated
Contact resistance	$\leq 3m\Omega$
Crimp terminal	
-Wire gauge	0.14-2.5mm <sup>2</sup>
-AWG	26-14

## Current carrying capacity

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

Control and test procedures according to DIN EN 60512-5



# HDD SERIES Ultra-high density inserts

HDD

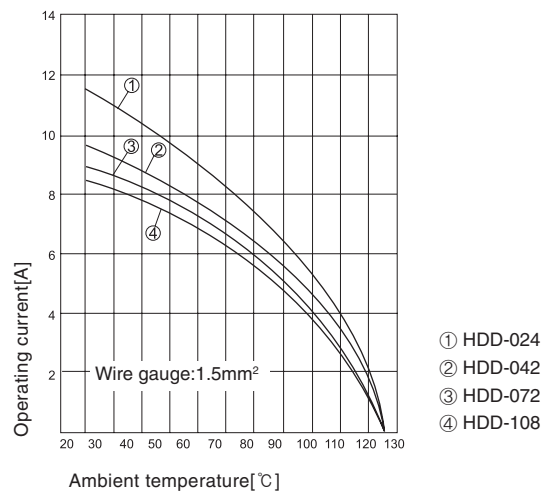
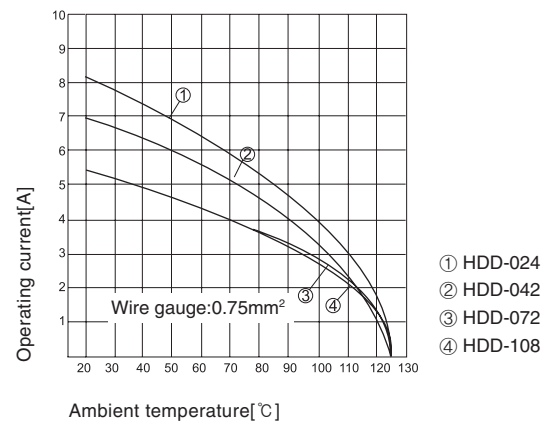
## Technical characteristics

Specifications	DIN EN 60 664 DIN EN 61 984
Approvals	
<b>Inserts</b>	
Number of contacts	24,42,72,108,144(72x2), 216(108x2)+PE
<b>Electrical data acc. to EN 61 984</b>	
-Rated current	10A
-Rated voltage	250V
-Rated impulse voltage	4kV
-Pollution degree	3
-Pollution degree 2 also	10A 230/400V 4kV 2
Rated voltage acc. to UL/CSA	600V
Insulation resistance	$\geq 10^{10}\Omega$
Material	polycarbonate
Limiting temperatures	-40°C...+125°C
Flammability acc. to UL 94	V0
Mechanical working life(mating cycles)	$\geq 500$
<b>Contacts</b>	
Material	copper alloy
Surface	hard-gold plated hard-silver plated
Contact resistance	$\leq 3m\Omega$
<b>Crimp terminal</b>	
-Wire gauge	0.14-2.5mm <sup>2</sup>
-AWG	26-14

## Current carrying capacity

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

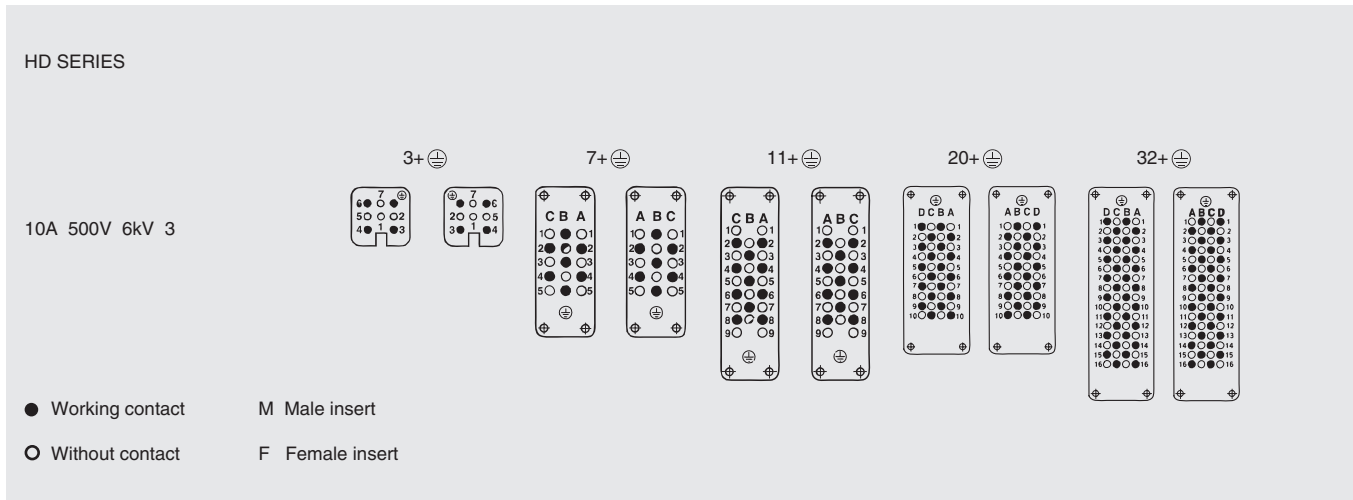
Control and test procedures according to DIN EN 60512-5



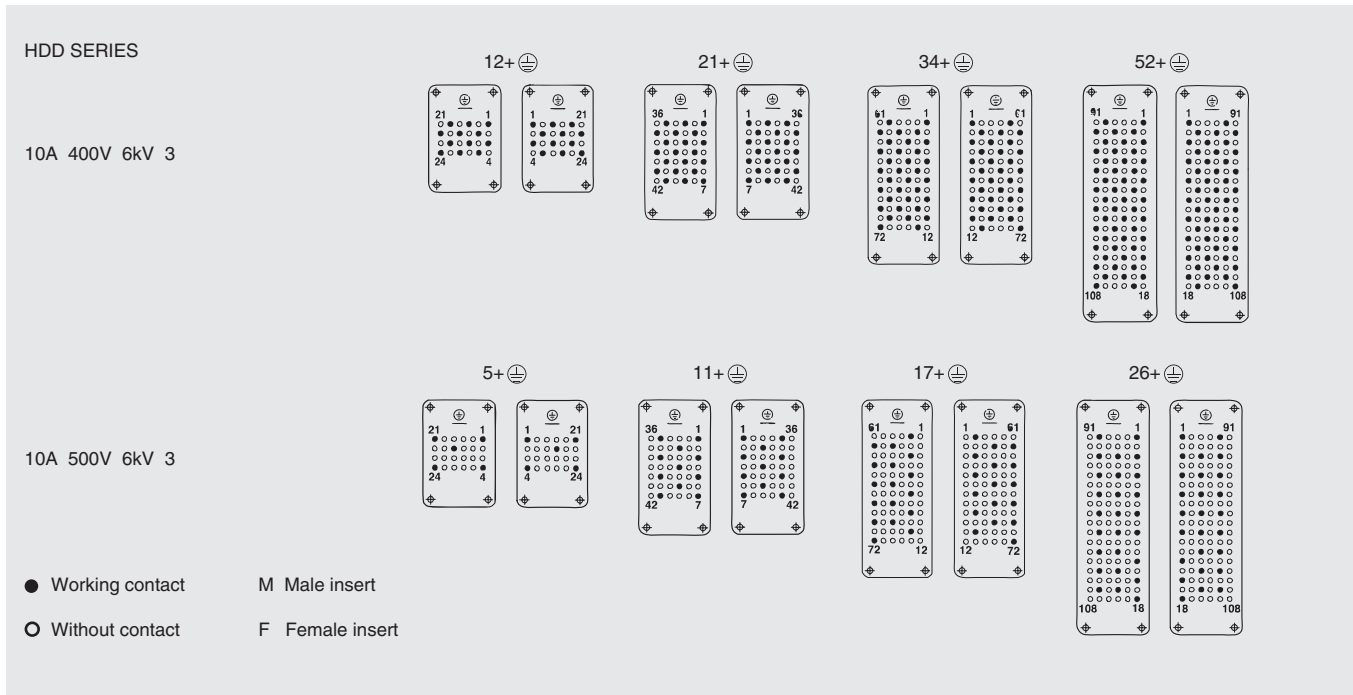
## HD HDD Modified contact arrangement up to 500 V

The connector series HDD and HD equipped with all contacts may be used for voltages up to 250 V, pollution degree 3. A modified contact loading arrangement permits use up to 500 V also in the same pollution degree. According to DIN EN 61 984 connectors should not be coupled or decoupled under electrical load.

### Contact arrangement view from termination side



### Contact arrangement view from termination side



## HD-007 Ultra-high density inserts

250V 10A 7+⊕

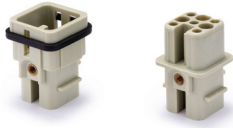


### Inserts

Hoods/Housings: size 3A(only for plastic),detail please find the page16-04~16-05.

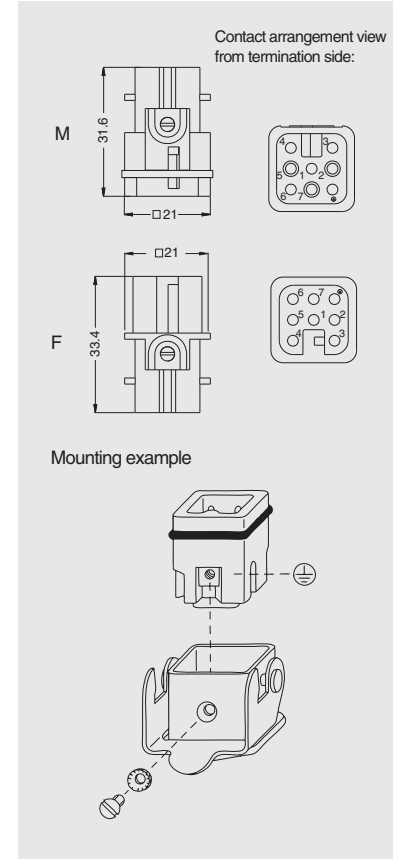
Crimp terminal

Order crimp contacts separately



Insert	Designation	Order No.
Male	HD-007-MC	03300720100
Female	HD-007-FC	03300720200

HD



## Accessories

Crimp contacts 10A

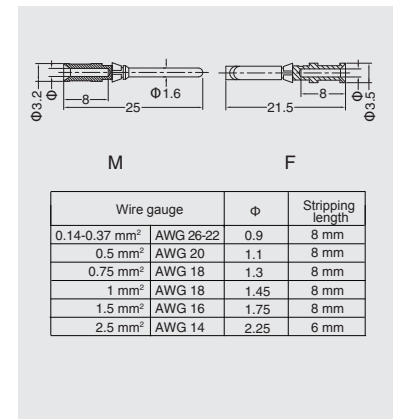
Contact resistance  $\leq 3m\Omega$   
silver plated



gold plated



Male	Order No.	Female	Order No.
CDSM-0.37	08121101000	CDSF-0.37	08121102000
CDSM-0.5	08121103000	CDSF-0.5	08121104000
CDSM-0.75	08121105000	CDSF-0.75	08121106000
CDSM-1.0	08121107000	CDSF-1.0	08121108000
CDSM-1.5	08121109000	CDSF-1.5	08121110000
CDSM-2.5	08121111000	CDSF-2.5	08121112000
CDGM-0.37	08121101010	CDGF-0.37	08121102010
CDGM-0.5	08121103010	CDGF-0.5	08121104010
CDGM-0.75	08121105010	CDGF-0.75	08121106010
CDGM-1.0	08121107010	CDGF-1.0	08121108010
CDGM-1.5	08121109010	CDGF-1.5	08121110010
CDGM-2.5	08121111010	CDGF-2.5	08121112010



More crimp contacts 10A see P17-02.

Tools

Crimping tool



Contact removal tool



Wire gauge	Designation	Order No.
0.14-4mm <sup>2</sup>	TL02G	09100021020
Application	Designation	Order No.
for crimp contacts 10A	TL00	09100011000

More tools detail please find the page18-13~18-14.

# HD-008 Ultra-high density inserts

-120V/~50V 10A 8

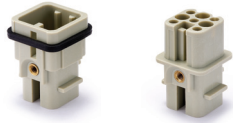


## Inserts

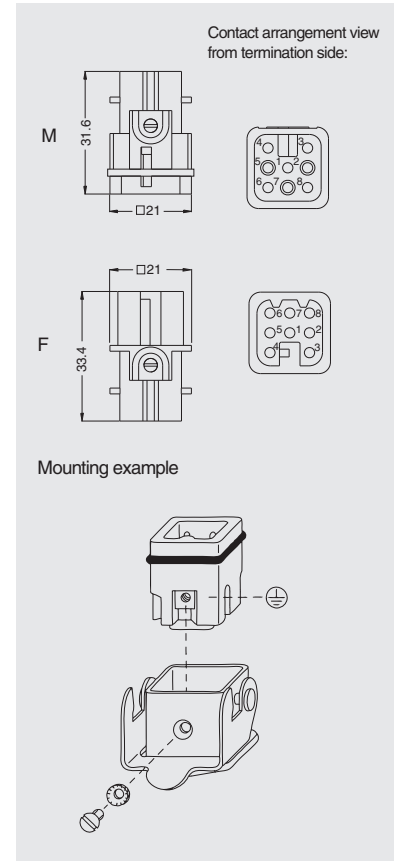
Hoods/Housings: size 3A, detail please find the page16-04~16-10.

### Crimp terminal

Order crimp contacts separately



Insert	Designation	Order No.
Male	HD-008-MC	03300820100
Female	HD-008-FC	03300820200



HD-008 Inserts

HD

## Accessories

### Crimp contacts 10A

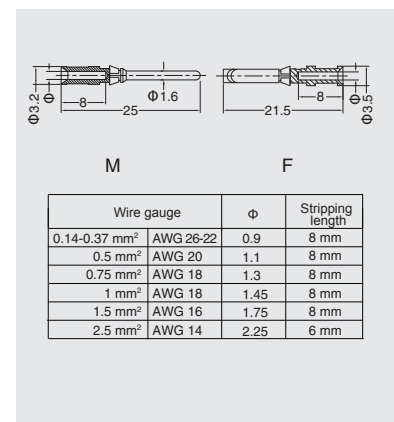
Contact resistance  $\leq 3m\Omega$   
silver plated



gold plated



Male	Order No.	Female	Order No.
CDSM-0.37	08121101000	CDSF-0.37	08121102000
CDSM-0.5	08121103000	CDSF-0.5	08121104000
CDSM-0.75	08121105000	CDSF-0.75	08121106000
CDSM-1.0	08121107000	CDSF-1.0	08121108000
CDSM-1.5	08121109000	CDSF-1.5	08121110000
CDSM-2.5	08121111000	CDSF-2.5	08121112000
CDGM-0.37	08121101010	CDGF-0.37	08121102010
CDGM-0.5	08121103010	CDGF-0.5	08121104010
CDGM-0.75	08121105010	CDGF-0.75	08121106010
CDGM-1.0	08121107010	CDGF-1.0	08121108010
CDGM-1.5	08121109010	CDGF-1.5	08121110010
CDGM-2.5	08121111010	CDGF-2.5	08121112010



More crimp contacts 10A see P17-02.

### Tools

Crimping tool



Contact removal tool



Wire gauge	Designation	Order No.
0.14-4mm <sup>2</sup>	TL02G	09100021020
Application	Designation	Order No.
for crimp contacts 10A	TL00	09100011000

More tools detail please find the page18-13~18-14.



## HD-025 Ultra-high density inserts

250V 10A 25+ 

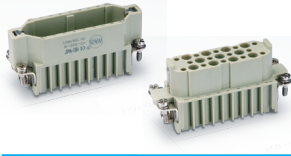


### Inserts

Hoods/Housings: size 16A, detail please find the page 16-13~16-14.

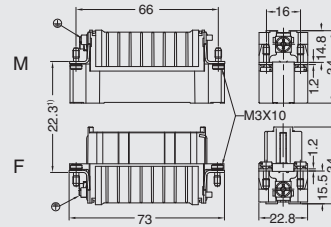
#### Crimp terminal

Order crimp contacts separately

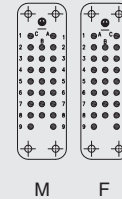


Insert	Designation	Order No.
Male	HD-025-MC	03302520100
Female	HD-025-FC	03302520200

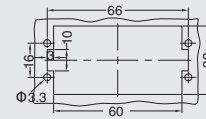
1) Distance for contact max. 24 mm



Contact arrangement view from termination side



Panel cut out for inserts for use without hoods/housings



### Accessories

#### Crimp contacts 10A

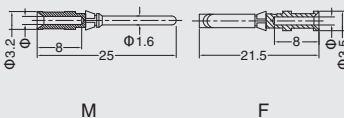
Contact resistance  $\leq 3m\Omega$   
silver plated



gold plated



Male	Order No.	Female	Order No.
CDSM-0.37	08121101000	CDSF-0.37	08121102000
CDSM-0.5	08121103000	CDSF-0.5	08121104000
CDSM-0.75	08121105000	CDSF-0.75	08121106000
CDSM-1.0	08121107000	CDSF-1.0	08121108000
CDSM-1.5	08121109000	CDSF-1.5	08121110000
CDSM-2.5	08121111000	CDSF-2.5	08121112000
CDGM-0.37	08121101010	CDGF-0.37	08121102010
CDGM-0.5	08121103010	CDGF-0.5	08121104010
CDGM-0.75	08121105010	CDGF-0.75	08121106010
CDGM-1.0	08121107010	CDGF-1.0	08121108010
CDGM-1.5	08121109010	CDGF-1.5	08121110010
CDGM-2.5	08121111010	CDGF-2.5	08121112010



Wire gauge	$\phi$	Stripping length
0.14-0.37 mm <sup>2</sup>	AWG 26-22	0.9
0.5 mm <sup>2</sup>	AWG 20	1.1
0.75 mm <sup>2</sup>	AWG 18	1.3
1 mm <sup>2</sup>	AWG 18	1.45
1.5 mm <sup>2</sup>	AWG 16	1.75
2.5 mm <sup>2</sup>	AWG 14	2.25

More crimp contacts 10A see P17-02.

#### Tools

Crimping tool



Contact removal tool



Wire gauge	Designation	Order No.
0.14-4mm <sup>2</sup>	TL02G	09100021020
Application	Designation	Order No.
for crimp contacts 10A	TL00	09100011000

More tools detail please find the page 18-13~18-14.



## HD-050 Ultra-high density inserts

250V 10A 50+



### Inserts

Hoods/Housings: size 32A, detail please find the page 16-15~16-16.

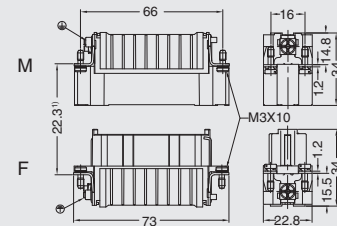
Crimp terminal

Order crimp contacts separately

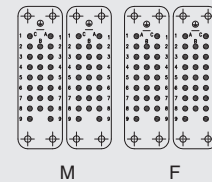


Insert	Designation	Order No.
Male	HD-025-MC	03302520100
	HD-025-MC(Z)	03302522100
Female	HD-025-FC	03302520200
	HD-025-FC(Z)	03302522200

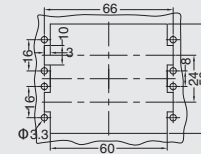
1) Distance for contact max. 24 mm



Contact arrangement view from termination side



Panel cut out for inserts for use without hoods/housings



### Accessories

Crimp contacts 10A

Contact resistance  $\leq 3m\Omega$   
silver plated



gold plated



Male	Order No.	Female	Order No.
CDSM-0.37	08121101000	CDSF-0.37	08121102000
CDSM-0.5	08121103000	CDSF-0.5	08121104000
CDSM-0.75	08121105000	CDSF-0.75	08121106000
CDSM-1.0	08121107000	CDSF-1.0	08121108000
CDSM-1.5	08121109000	CDSF-1.5	08121110000
CDSM-2.5	08121111000	CDSF-2.5	08121112000
CDGM-0.37	08121101010	CDGF-0.37	08121102010
CDGM-0.5	08121103010	CDGF-0.5	08121104010
CDGM-0.75	08121105010	CDGF-0.75	08121106010
CDGM-1.0	08121107010	CDGF-1.0	08121108010
CDGM-1.5	08121109010	CDGF-1.5	08121110010
CDGM-2.5	08121111010	CDGF-2.5	08121112010

More crimp contacts 10A see P17-02.

Tools

Crimping tool

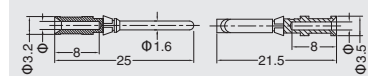


Contact removal tool



Wire gauge	Designation	Order No.
0.14-4mm <sup>2</sup>	TL02G	09100021020
Application	Designation	Order No.
for crimp contacts 10A	TL00	09100011000


More tools detail please find the page 18-13~18-14.



M F

Wire gauge	$\Phi$	Stripping length
0.14-0.37 mm <sup>2</sup> AWG 26-22	0.9	8 mm
0.5 mm <sup>2</sup> AWG 20	1.1	8 mm
0.75 mm <sup>2</sup> AWG 18	1.3	8 mm
1 mm <sup>2</sup> AWG 18	1.45	8 mm
1.5 mm <sup>2</sup> AWG 16	1.75	8 mm
2.5 mm <sup>2</sup> AWG 14	2.25	6 mm

## HD-040 Ultra-high density inserts

250V 10A 40+ 

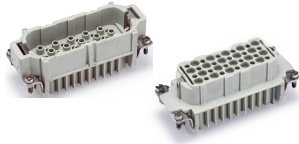


### Inserts

Hoods/Housings: size 16B, detail please find the page 16-42~16-53.

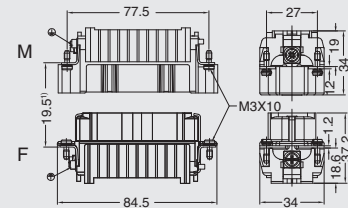
#### Crimp terminal

Order crimp contacts separately

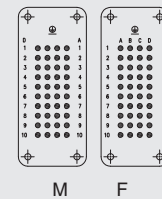


Insert	Designation	Order No.
Male	HD-040-MC	03304020100
Female	HD-040-FC	03304020200

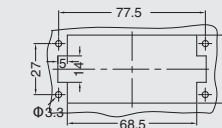
1) Distance for contact max. 21 mm



Contact arrangement view from termination side



Panel cut out for inserts for use without hoods/housings



### Accessories

#### Crimp contacts 10A

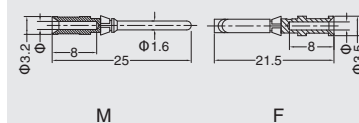
Contact resistance  $\leq 3m\Omega$   
silver plated



gold plated



Male	Order No.	Female	Order No.
CDSM-0.37	08121101000	CDSF-0.37	08121102000
CDSM-0.5	08121103000	CDSF-0.5	08121104000
CDSM-0.75	08121105000	CDSF-0.75	08121106000
CDSM-1.0	08121107000	CDSF-1.0	08121108000
CDSM-1.5	08121109000	CDSF-1.5	08121110000
CDSM-2.5	08121111000	CDSF-2.5	08121112000
CDGM-0.37	08121101010	CDGF-0.37	08121102010
CDGM-0.5	08121103010	CDGF-0.5	08121104010
CDGM-0.75	08121105010	CDGF-0.75	08121106010
CDGM-1.0	08121107010	CDGF-1.0	08121108010
CDGM-1.5	08121109010	CDGF-1.5	08121110010
CDGM-2.5	08121111010	CDGF-2.5	08121112010



Wire gauge	$\phi$	Stripping length
0.14-0.37 mm <sup>2</sup>	AWG 26-22	0.9
0.5 mm <sup>2</sup>	AWG 20	1.1
0.75 mm <sup>2</sup>	AWG 18	1.3
1 mm <sup>2</sup>	AWG 18	1.45
1.5 mm <sup>2</sup>	AWG 16	1.75
2.5 mm <sup>2</sup>	AWG 14	2.25

More crimp contacts 10A see P17-02.

#### Tools

Crimping tool



Contact removal tool



Wire gauge	Designation	Order No.
0.14-4mm <sup>2</sup>	TL02G	09100021020
Application	Designation	Order No.
for crimp contacts 10A	TL00	09100011000

More tools detail please find the page 18-13~18-14.



# HD-080 Ultra-high density inserts

250V 10A 80+

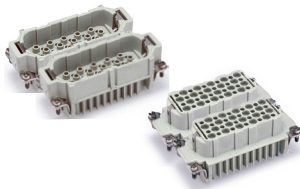


## Inserts

Hoods/Housings: size 32B, detail please find the page 16-81~16-82.

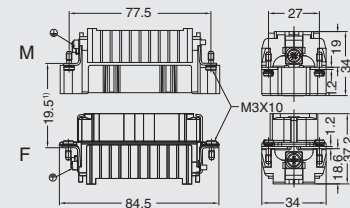
### Crimp terminal

Order crimp contacts separately

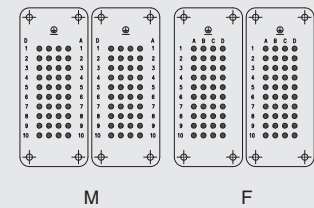


插芯	型号	订货号
公	HD-040-MC	03304020100
	HD-040-MC(Z)	03304022100
母	HD-040-FC	03304020200
	HD-040-FC(Z)	03304022200

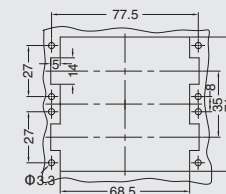
1) Distance for contact max. 21 mm



Contact arrangement view from termination side



Panel cut out for inserts for use without hoods/housings



## Accessories

### Crimp contacts 10A

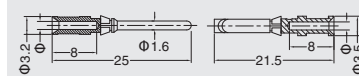
Contact resistance  $\leq 3m\Omega$   
silver plated



gold plated



Male	Order No.	Female	Order No.
CDSM-0.37	08121101000	CDSF-0.37	08121102000
CDSM-0.5	08121103000	CDSF-0.5	08121104000
CDSM-0.75	08121105000	CDSF-0.75	08121106000
CDSM-1.0	08121107000	CDSF-1.0	08121108000
CDSM-1.5	08121109000	CDSF-1.5	08121110000
CDSM-2.5	08121111000	CDSF-2.5	08121112000
CDGM-0.37	08121101010	CDGF-0.37	08121102010
CDGM-0.5	08121103010	CDGF-0.5	08121104010
CDGM-0.75	08121105010	CDGF-0.75	08121106010
CDGM-1.0	08121107010	CDGF-1.0	08121108010
CDGM-1.5	08121109010	CDGF-1.5	08121110010
CDGM-2.5	08121111010	CDGF-2.5	08121112010



Wire gauge	$\phi$	Stripping length
0.14-0.37 mm <sup>2</sup>	0.9	8 mm
0.5 mm <sup>2</sup>	1.1	8 mm
0.75 mm <sup>2</sup>	1.3	8 mm
1 mm <sup>2</sup>	1.45	8 mm
1.5 mm <sup>2</sup>	1.75	8 mm
2.5 mm <sup>2</sup>	2.25	6 mm

More crimp contacts 10A see P17-02.

### Tools

Crimping tool



Contact removal tool



Wire gauge	Designation	Order No.
0.14-4mm <sup>2</sup>	TL02G	09100021020
Application	Designation	Order No.
for crimp contacts 10A	TL00	09100011000

More tools detail please find the page 18-13~18-14.

HD-128 Ultra-high density inserts

250V 10A 128+

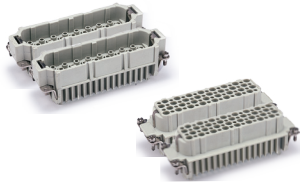


Inserts

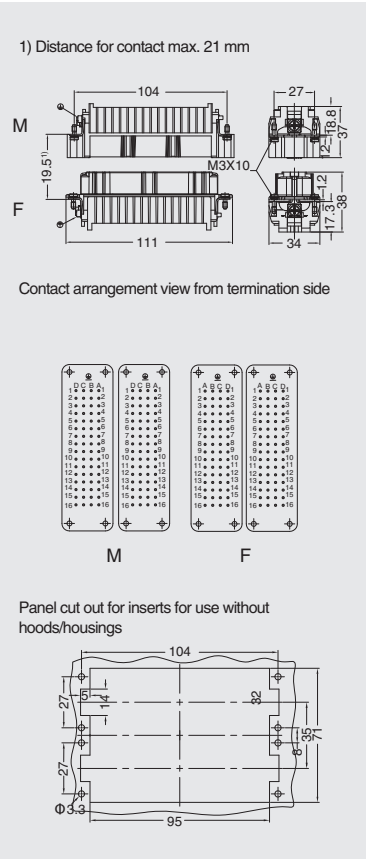
Hoods/Housings: size 48B, detail please find the page 16-85.

Crimp terminal

Order crimp contacts separately



Insert	Designation	Order No.
Male	HD-064-MC	03306420100
	HD-064-MC(Z)	03306422100
Female	HD-064-FC	03306420200
	HD-064-FC(Z)	03306422200



HD

Accessories

Crimp contacts 10A

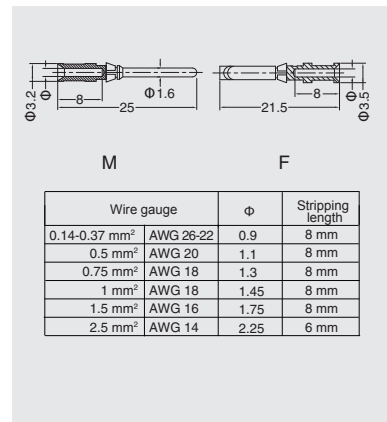
Contact resistance  $\leq 3m\Omega$   
silver plated



gold plated



Male	Order No.	Female	Order No.
CDSM-0.37	08121101000	CDSF-0.37	08121102000
CDSM-0.5	08121103000	CDSF-0.5	08121104000
CDSM-0.75	08121105000	CDSF-0.75	08121106000
CDSM-1.0	08121107000	CDSF-1.0	08121108000
CDSM-1.5	08121109000	CDSF-1.5	08121110000
CDSM-2.5	08121111000	CDSF-2.5	08121112000
CDGM-0.37	08121101010	CDGF-0.37	08121102010
CDGM-0.5	08121103010	CDGF-0.5	08121104010
CDGM-0.75	08121105010	CDGF-0.75	08121106010
CDGM-1.0	08121107010	CDGF-1.0	08121108010
CDGM-1.5	08121109010	CDGF-1.5	08121110010
CDGM-2.5	08121111010	CDGF-2.5	08121112010



More crimp contacts 10A see P17-02.

Tools

Crimping tool



Contact removal tool



Wire gauge	Designation	Order No.
0.14-4mm <sup>2</sup>	TL02G	09100021020
Application	Designation	Order No.
for crimp contacts 10A	TL00	09100011000

More tools detail please find the page 18-13-18-14.

# HDD-024 Ultra-high density inserts

250V 10A 24+

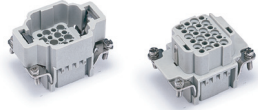


## Inserts

Hoods/Housings: size 6B, detail please find the page 16-17~16-24.

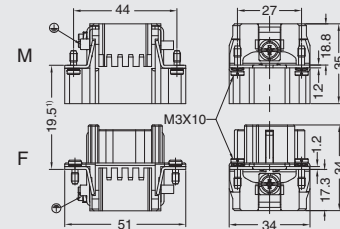
### Crimp terminal

Order crimp contacts separately

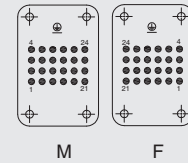


Insert	Designation	Order No.
Male	HDD-024-MC	03402420100
Female	HDD-024-FC	03402420200

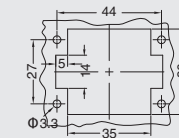
1) Distance for contact max. 21 mm



Contact arrangement view from termination side



Panel cut out for inserts for use without hoods/housings



## Accessories

### Crimp contacts 10A

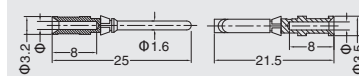
Contact resistance  $\leq 3m\Omega$   
silver plated



gold plated



Male	Order No.	Female	Order No.
CDSM-0.37	08121101000	CDSF-0.37	08121102000
CDSM-0.5	08121103000	CDSF-0.5	08121104000
CDSM-0.75	08121105000	CDSF-0.75	08121106000
CDSM-1.0	08121107000	CDSF-1.0	08121108000
CDSM-1.5	08121109000	CDSF-1.5	08121110000
CDSM-2.5	08121111000	CDSF-2.5	08121112000
CDGM-0.37	08121101010	CDGF-0.37	08121102010
CDGM-0.5	08121103010	CDGF-0.5	08121104010
CDGM-0.75	08121105010	CDGF-0.75	08121106010
CDGM-1.0	08121107010	CDGF-1.0	08121108010
CDGM-1.5	08121109010	CDGF-1.5	08121110010
CDGM-2.5	08121111010	CDGF-2.5	08121112010



M F

Wire gauge	$\phi$	Stripping length
0.14-0.37 mm <sup>2</sup> AWG 26-22	0.9	8 mm
0.5 mm <sup>2</sup> AWG 20	1.1	8 mm
0.75 mm <sup>2</sup> AWG 18	1.3	8 mm
1 mm <sup>2</sup> AWG 18	1.45	8 mm
1.5 mm <sup>2</sup> AWG 16	1.75	8 mm
2.5 mm <sup>2</sup> AWG 14	2.25	6 mm

More crimp contacts 10A see P17-02.

### Tools

Crimping tool



Contact removal tool



Wire gauge	Designation	Order No.
0.14-4mm <sup>2</sup>	TL02G	09100021020

Application	Designation	Order No.
for crimp contacts 10A	TL00	09100011000

More tools detail please find the page 18-13~18-14.

## HDD-042 Ultra-high density inserts

250V 10A 42+ 



### Inserts

Hoods/Housings: size 10B, detail please find the page 16-25~16-35.

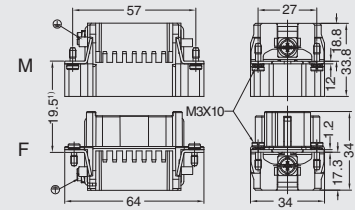
Crimp terminal

Order crimp contacts separately

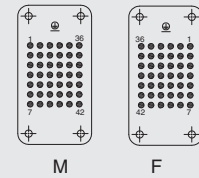


Insert	Designation	Order No.
Male	HDD-042-MC	03404220100
Female	HDD-042-FC	03404220200

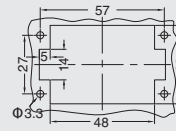
1) Distance for contact max. 21 mm



Contact arrangement view from termination side



Panel cut out for inserts for use without hoods/housings



## Accessories

Crimp contacts 10A

Contact resistance  $\leq 3m\Omega$   
silver plated



gold plated



Male	Order No.	Female	Order No.
CDSM-0.37	08121101000	CDSF-0.37	08121102000
CDSM-0.5	08121103000	CDSF-0.5	08121104000
CDSM-0.75	08121105000	CDSF-0.75	08121106000
CDSM-1.0	08121107000	CDSF-1.0	08121108000
CDSM-1.5	08121109000	CDSF-1.5	08121110000
CDSM-2.5	08121111000	CDSF-2.5	08121112000
CDGM-0.37	08121101010	CDGF-0.37	08121102010
CDGM-0.5	08121103010	CDGF-0.5	08121104010
CDGM-0.75	08121105010	CDGF-0.75	08121106010
CDGM-1.0	08121107010	CDGF-1.0	08121108010
CDGM-1.5	08121109010	CDGF-1.5	08121110010
CDGM-2.5	08121111010	CDGF-2.5	08121112010

More crimp contacts 10A see P17-02.

Tools

Crimping tool



Contact removal tool



Wire gauge	Designation	Order No.
0.14-4mm <sup>2</sup>	TL02G	09100021020
Application	Designation	Order No.
for crimp contacts 10A	TL00	09100011000

More tools detail please find the page 18-13~18-14.

Wire gauge	$\Phi$	Stripping length
0.14-0.37 mm <sup>2</sup> AWG 26-22	0.9	8 mm
0.5 mm <sup>2</sup> AWG 20	1.1	8 mm
0.75 mm <sup>2</sup> AWG 18	1.3	8 mm
1 mm <sup>2</sup> AWG 18	1.45	8 mm
1.5 mm <sup>2</sup> AWG 16	1.75	8 mm
2.5 mm <sup>2</sup> AWG 14	2.25	6 mm

## HDD-072 Ultra-high density inserts

250V 10A 72+

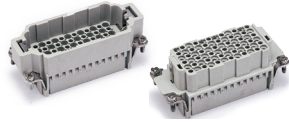


### Inserts

Hoods/Housings: size 16B, detail please find the page 16-42~16-53.

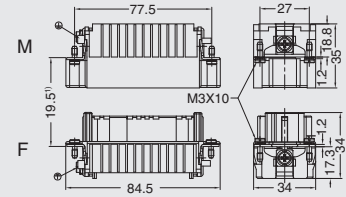
#### Crimp terminal

Order crimp contacts separately

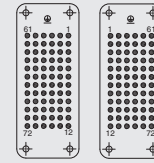


Insert	Designation	Order No.
Male	HDD-072-MC	03407220100
Female	HDD-072-FC	03407220200

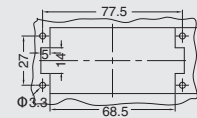
1) Distance for contact max. 21 mm



Contact arrangement view from termination side



Panel cut out for inserts for use without hoods/housings



### Accessories

#### Crimp contacts 10A

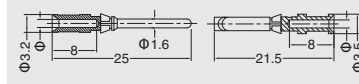
Contact resistance  $\leq 3m\Omega$   
silver plated



gold plated



Male	Order No.	Female	Order No.
CDSM-0.37	08121101000	CDSF-0.37	08121102000
CDSM-0.5	08121103000	CDSF-0.5	08121104000
CDSM-0.75	08121105000	CDSF-0.75	08121106000
CDSM-1.0	08121107000	CDSF-1.0	08121108000
CDSM-1.5	08121109000	CDSF-1.5	08121110000
CDSM-2.5	08121111000	CDSF-2.5	08121112000
CDGM-0.37	08121101010	CDGF-0.37	08121102010
CDGM-0.5	08121103010	CDGF-0.5	08121104010
CDGM-0.75	08121105010	CDGF-0.75	08121106010
CDGM-1.0	08121107010	CDGF-1.0	08121108010
CDGM-1.5	08121109010	CDGF-1.5	08121110010
CDGM-2.5	08121111010	CDGF-2.5	08121112010



Wire gauge	$\phi$	Stripping length
0.14-0.37 mm <sup>2</sup>	AWG 26-22	0.9
0.5 mm <sup>2</sup>	AWG 20	1.1
0.75 mm <sup>2</sup>	AWG 18	1.3
1 mm <sup>2</sup>	AWG 18	1.45
1.5 mm <sup>2</sup>	AWG 16	1.75
2.5 mm <sup>2</sup>	AWG 14	2.25

More crimp contacts 10A see P17-02.

#### Tools

Crimping tool



Contact removal tool



Wire gauge	Designation	Order No.
0.14-4mm <sup>2</sup>	TL02G	09100021020
Application	Designation	Order No.
for crimp contacts 10A	TL00	09100011000

More tools detail please find the page 18-13~18-14.



## HDD-108 Ultra-high density inserts

250V 10A 108+ 

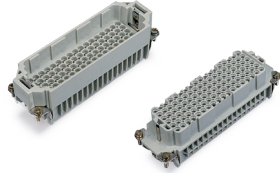


### Inserts

Hoods/Housings: size 24B, detail please find the page 16-61~16-73.

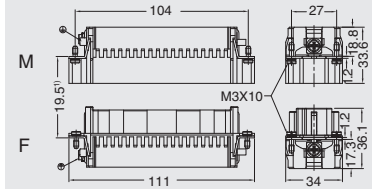
Crimp terminal

Order crimp contacts separately

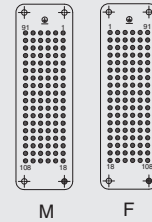


Insert	Designation	Order No.
Male	HDD-108-MC	03410820100
Female	HDD-108-FC	03410820200

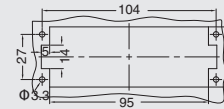
1) Distance for contact max. 21 mm



Contact arrangement view from termination side



Panel cut out for inserts for use without hoods/housings



## Accessories

Crimp contacts 10A

Contact resistance  $\leq 3m\Omega$   
silver plated



gold plated



Male	Order No.	Female	Order No.
CDSM-0.37	08121101000	CDSF-0.37	08121102000
CDSM-0.5	08121103000	CDSF-0.5	08121104000
CDSM-0.75	08121105000	CDSF-0.75	08121106000
CDSM-1.0	08121107000	CDSF-1.0	08121108000
CDSM-1.5	08121109000	CDSF-1.5	08121110000
CDSM-2.5	08121111000	CDSF-2.5	08121112000
CDGM-0.37	08121101010	CDGF-0.37	08121102010
CDGM-0.5	08121103010	CDGF-0.5	08121104010
CDGM-0.75	08121105010	CDGF-0.75	08121106010
CDGM-1.0	08121107010	CDGF-1.0	08121108010
CDGM-1.5	08121109010	CDGF-1.5	08121110010
CDGM-2.5	08121111010	CDGF-2.5	08121112010

More crimp contacts 10A see P17-02.

Tools

Crimping tool

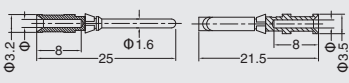


Contact removal tool



Wire gauge	Designation	Order No.
0.14-4mm <sup>2</sup>	TL02G	09100021020
Application	Designation	Order No.
for crimp contacts 10A	TL00	09100011000

More tools detail please find the page 18-13~18-14.



Wire gauge	$\Phi$	Stripping length
0.14-0.37 mm <sup>2</sup> AWG 26-22	0.9	8 mm
0.5 mm <sup>2</sup> AWG 20	1.1	8 mm
0.75 mm <sup>2</sup> AWG 18	1.3	8 mm
1 mm <sup>2</sup> AWG 18	1.45	8 mm
1.5 mm <sup>2</sup> AWG 16	1.75	8 mm
2.5 mm <sup>2</sup> AWG 14	2.25	6 mm



## HDD-216 Ultra-high density inserts

250V 10A 216+ 

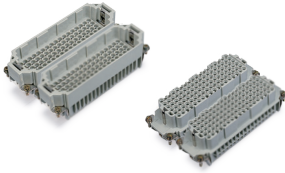


### Inserts

Hoods/Housings: size 48B, detail please find the page 16-85.

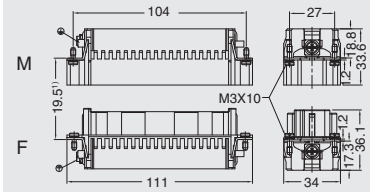
Crimp terminal

Order crimp contacts separately

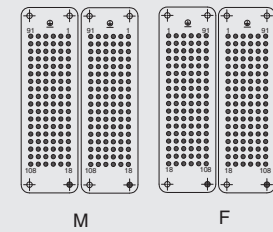


Insert	Designation	Order No.
Male	HDD-108-MC	03410820100
	HDD-108-MC(109-216)	03410822100
Female	HDD-108-FC	03410820200
	HDD-108-FC(109-216)	03410822200

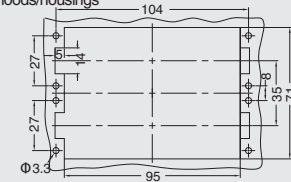
1) Distance for contact max. 21 mm



Contact arrangement view from termination side



Panel cut out for inserts for use without hoods/housings



## Accessories

Crimp contacts 10A

Contact resistance  $\leq 3m\Omega$   
silver plated



gold plated



Male	Order No.	Female	Order No.
CDSM-0.37	08121101000	CDSF-0.37	08121102000
CDSM-0.5	08121103000	CDSF-0.5	08121104000
CDSM-0.75	08121105000	CDSF-0.75	08121106000
CDSM-1.0	08121107000	CDSF-1.0	08121108000
CDSM-1.5	08121109000	CDSF-1.5	08121110000
CDSM-2.5	08121111000	CDSF-2.5	08121112000
CDGM-0.37	08121101010	CDGF-0.37	08121102010
CDGM-0.5	08121103010	CDGF-0.5	08121104010
CDGM-0.75	08121105010	CDGF-0.75	08121106010
CDGM-1.0	08121107010	CDGF-1.0	08121108010
CDGM-1.5	08121109010	CDGF-1.5	08121110010
CDGM-2.5	08121111010	CDGF-2.5	08121112010

More crimp contacts 10A see P17-02.

Tools

Crimping tool

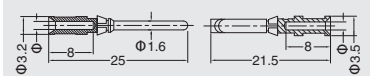


Contact removal tool



Wire gauge	Designation	Order No.
0.14-4mm <sup>2</sup>	TL02G	09100021020
Application	Designation	Order No.
for crimp contacts 10A	TL00	09100011000

More tools detail please find the page 18-13-18-14.



M F

Wire gauge	$\Phi$	Stripping length
0.14-0.37 mm <sup>2</sup> AWG 26-22	0.9	8 mm
0.5 mm <sup>2</sup> AWG 20	1.1	8 mm
0.75 mm <sup>2</sup> AWG 18	1.3	8 mm
1 mm <sup>2</sup> AWG 18	1.45	8 mm
1.5 mm <sup>2</sup> AWG 16	1.75	8 mm
2.5 mm <sup>2</sup> AWG 14	2.25	6 mm