

## HEE-032x2 High density inserts

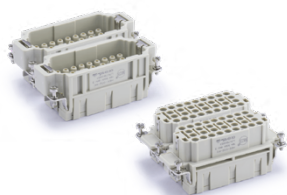
500V 16A 64+ 

## Inserts

Hoods/Housings: size 32B, please find the details on page 15-151~15-159.

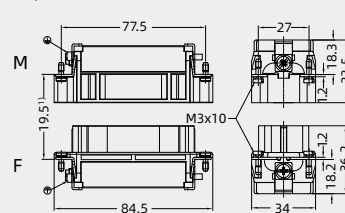
Crimp terminal

order crimp contacts separately

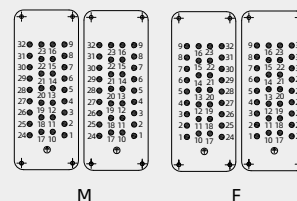


| Insert | Designation       | Order No.        |
|--------|-------------------|------------------|
| Male   | HEE-032-MC        | 123 032 010 0001 |
|        | HEE-032-MC(33-64) | 123 032 010 0002 |
| Female | HEE-032-FC        | 123 032 020 0001 |
|        | HEE-032-FC(33-64) | 123 032 020 0002 |

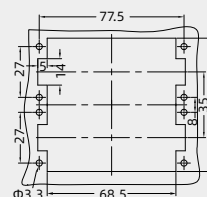
1) Distance for contact max. 21 mm



Contact arrangement view from termination side



Panel cut out for inserts for use without hoods/housings



## Crimp contacts

Crimp contacts 16A

Contact resistance  $\leq 1\text{m}\Omega$   
silver plated

gold plated



More crimp contacts 16A see P13-04.

## Tools

Crimping tool



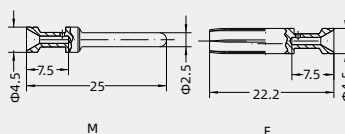
Contact removal tool



| Male      | Order No.        | Female    | Order No.        |
|-----------|------------------|-----------|------------------|
| CESM-0.37 | 101 019 110 0301 | CESF-0.37 | 101 019 120 0301 |
| CESM-0.50 | 101 019 110 0401 | CESF-0.50 | 101 019 120 0401 |
| CESM-0.75 | 101 019 110 0601 | CESF-0.75 | 101 019 120 0601 |
| CESM-1.0  | 101 019 110 0801 | CESF-1.0  | 101 019 120 0801 |
| CESM-1.5  | 101 019 110 0901 | CESF-1.5  | 101 019 120 0901 |
| CESM-2.5  | 101 019 110 1001 | CESF-2.5  | 101 019 120 1001 |
| CESM-3.0  | 101 019 110 1101 | CESF-3.0  | 101 019 120 1101 |
| CESM-4.0  | 101 019 110 1201 | CESF-4.0  | 101 019 120 1201 |
| CEGM-0.37 | 101 019 210 0301 | CEGF-0.37 | 101 019 220 0301 |
| CEGM-0.50 | 101 019 210 0401 | CEGF-0.50 | 101 019 220 0401 |
| CEGM-0.75 | 101 019 210 0601 | CEGF-0.75 | 101 019 220 0601 |
| CEGM-1.0  | 101 019 210 0801 | CEGF-1.0  | 101 019 220 0801 |
| CEGM-1.5  | 101 019 210 0901 | CEGF-1.5  | 101 019 220 0901 |
| CEGM-2.5  | 101 019 210 1001 | CEGF-2.5  | 101 019 220 1001 |
| CEGM-3.0  | 101 019 210 1101 | CEGF-3.0  | 101 019 220 1101 |
| CEGM-4.0  | 101 019 210 1201 | CEGF-4.0  | 101 019 220 1201 |

| Wire gauge                                                             | Designation | Order No.        |
|------------------------------------------------------------------------|-------------|------------------|
| 0.14-4mm <sup>2</sup>                                                  | TL02G       | 198 001 001 0011 |
| Wire gauge: 0.14-0.37mm <sup>2</sup> please select TL02 Crimping tool. |             |                  |
| Application                                                            | Designation | Order No.        |
| for crimp contacts 16A                                                 | TL01        | 198 001 000 0002 |

More tools detail please find the page 32-03~32-06.



| Identification | Wire gauge                          | Stripping length |
|----------------|-------------------------------------|------------------|
| no groove      | 0.14-0.37 mm <sup>2</sup> AWG 26-22 | 7.5mm            |
| no groove      | 0.5 mm <sup>2</sup> AWG 20          | 7.5mm            |
| 1 groove       | 0.75 mm <sup>2</sup> AWG 18         | 7.5mm            |
| 1 groove       | 1 mm <sup>2</sup> AWG 18            | 7.5mm            |
| 2 grooves      | 1.5 mm <sup>2</sup> AWG 16          | 7.5mm            |
| 3 grooves      | 2.5 mm <sup>2</sup> AWG 14          | 7.5mm            |
| wide groove    | 3 mm <sup>2</sup> AWG 12            | 7.5mm            |
| no groove      | 4 mm <sup>2</sup> AWG 12            | 7.5mm            |

When the wire gauge is less than 0.75mm<sup>2</sup>, it's better to use the auxiliary pin assembly tool TL15.

Notes: The tools for crimp terminal may influence the product quality and stability. Please select the tools recognized by our company.