

# HC-M-MHR-T4-N - Hinged retaining frame



1679265

<https://www.phoenixcontact.com/pc/products/1679265>

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HEAVYCON hinged retaining frame, for HC-B 16 sleeve housing, for 4 modules, labeling with upper case letters (A, B, C, etc.)

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 1679265             |
| Packing unit                         | 2 pc                |
| Minimum order quantity               | 100 pc              |
| Product key                          | BF7ACA              |
| Catalog page                         | Page 566 (C-4-2015) |
| GTIN                                 | 4017918162580       |
| Weight per piece (including packing) | 67.725 g            |
| Weight per piece (excluding packing) | 67.725 g            |
| Customs tariff number                | 85389099            |
| Country of origin                    | DE                  |

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## Technical data

### Notes

|         |                        |
|---------|------------------------|
| General | Hinged retaining frame |
|---------|------------------------|

### Product properties

|                        |                      |
|------------------------|----------------------|
| Product type           | Module carrier frame |
| Series                 | HC-M-B               |
|                        | HC-M-02              |
|                        | HC-M-03              |
|                        | HC-M-03/04           |
|                        | HC-M-04              |
|                        | HC-M-05              |
|                        | HC-M-06              |
|                        | HC-M-08              |
|                        | HC-M-08-GBIT         |
|                        | HC-M-12              |
|                        | HC-M-17              |
|                        | HC-M-20              |
|                        | HC-M-25              |
|                        | HC-M-DSUB            |
|                        | HC-M-EMV             |
|                        | HC-M-HV              |
|                        | HC-M-HS              |
| Application            | Module carrier frame |
| Type                   | B16                  |
|                        | B32                  |
| Number of module slots | 4                    |

### Connection data

|                              |                                                   |
|------------------------------|---------------------------------------------------|
| Conductor connection         |                                                   |
| Conductor cross section      | 4 mm² ... 6 mm² (for PE conductor - power side)   |
|                              | 1 mm² ... 2.5 mm² (for PE conductor control side) |
| Connection cross section AWG | 12 ... 10 (for PE conductor - power side)         |
|                              | 18 ... 14 (for PE conductor control side)         |

### Material specifications

|                          |                     |
|--------------------------|---------------------|
| Contact carrier material | Die-cast zinc alloy |
|--------------------------|---------------------|

### Mechanical properties

|                             |       |
|-----------------------------|-------|
| Mechanical data             |       |
| Insertion/withdrawal cycles | ≥ 500 |

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## Environmental and real-life conditions

### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 125 °C |
|---------------------------------|-------------------|

## Mounting

|               |                                                                                                                                                                               |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Assembly note | HC-MHR-PE16 ( 1636981) for PE connection extension to 16 mm².                                                                                                                 |
|               | Use wire end protection for PE wires (PE connection screws without wire protection) for housings without lateral connectors, max. thread length of the screw connection 12 mm |

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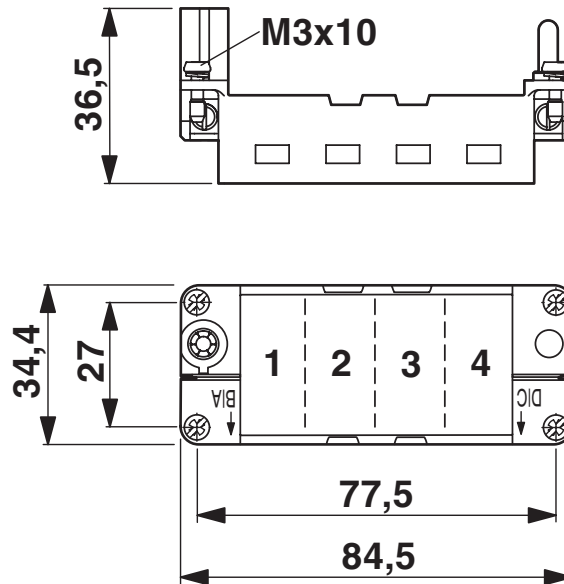
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## Drawings

Dimensional drawing



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27440206 |
| ECLASS-12.0 | 27440206 |
| ECLASS-13.0 | 27440206 |

### ETIM

|          |          |
|----------|----------|
| ETIM 8.0 | EC002312 |
|----------|----------|

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## Environmental product compliance

|                                        |                                          |
|----------------------------------------|------------------------------------------|
| China RoHS                             |                                          |
| Environment friendly use period (EFUP) | EFUP-E                                   |
|                                        | No hazardous substances above the limits |
| EU REACH SVHC                          |                                          |
| REACH candidate substance (CAS No.)    | No substance above 0.1 wt%               |

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