

# Product data sheet

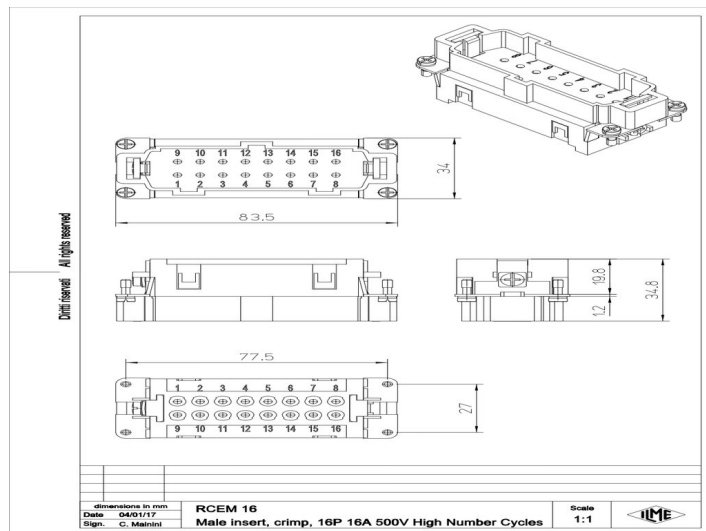
## Ilme connectors - RCE 16 P + PE

male insert, size 77.27, 16p+PE, crimp, 16A, 500V, HNM



RCEM 16

<https://www.ac-solutions.be/en/product/rcem16>



## Specifications

### General characteristics

|                             |                                                                                           |
|-----------------------------|-------------------------------------------------------------------------------------------|
| Product Type                | Standard insert                                                                           |
| Insert series               | RCE                                                                                       |
| Number of contacts          | 16 + PE                                                                                   |
| Number of poles             | 16                                                                                        |
| Connection type             | Crimp connection                                                                          |
| Gender                      | Male                                                                                      |
| Size                        | 77.27                                                                                     |
| Operation lower temperature | -40 °C                                                                                    |
| Operation upper temperature | 125 °C                                                                                    |
| AWG-range 1                 | 26                                                                                        |
| AWG-range 2                 | 12                                                                                        |
| Min. Cross section          | 0.14 mm <sup>2</sup>                                                                      |
| Max. Cross section          | 4 mm <sup>2</sup>                                                                         |
| Diameter male contact       | 2.5 mm                                                                                    |
| Colour                      | Grey                                                                                      |
| Extra information           | Contact inserts without contacts                                                          |
| Remark                      | 10.000 matings with HNM enclosures / 5.000 matings with standard enclosures, single lever |

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### Electrical parameters

|                       |       |
|-----------------------|-------|
| Max. rated current    | 16 A  |
| Nominal rated voltage | 500 V |
| Rated surge voltage   | 6 kV  |
| Pollution degree      | 3     |

### Material

|                                                            |               |
|------------------------------------------------------------|---------------|
| Material insert                                            | Thermoplastic |
| Inflammability class of insulation material acc. with UL94 | V0            |