

# Product data sheet

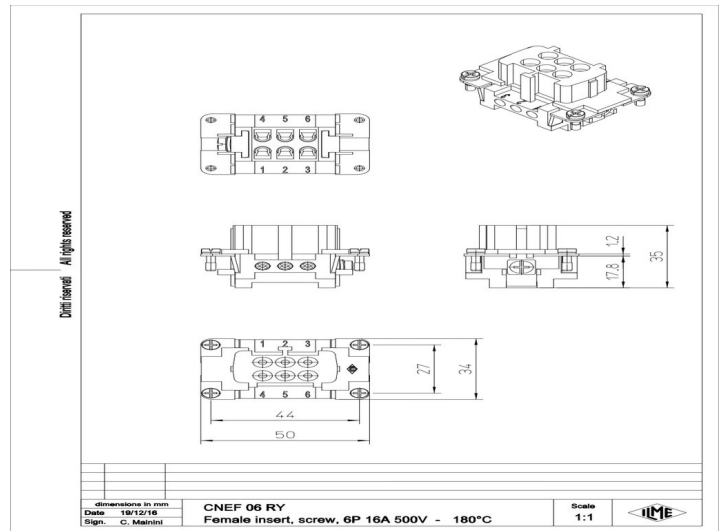
## Ilme connectors - CNE RY 6 P + PE

female insert, size 44.27, 6p+PE, silver, screw, 16A, 500V, 180°C



CNEF 06 RY

<https://www.ac-solutions.be/en/product/cnef06ry>



## Specifications

### General characteristics

|                                       |                                                 |
|---------------------------------------|-------------------------------------------------|
| Product Type                          | Standard insert                                 |
| Insert series                         | CNE RY                                          |
| Number of contacts                    | 6 + PE                                          |
| Number of poles                       | 6                                               |
| Connection type                       | Screw terminal connection                       |
| Gender                                | Female                                          |
| Size                                  | 44.27                                           |
| Operation lower temperature           | -40 °C                                          |
| Operation upper temperature           | 180 °C                                          |
| AWG-range 1                           | 20                                              |
| AWG-range 2                           | 12                                              |
| Min. Cross section without end sleeve | 0.5 mm <sup>2</sup>                             |
| Max. Cross section without end sleeve | 4 mm <sup>2</sup>                               |
| Min. Cross section                    | 0.5 mm <sup>2</sup>                             |
| Max. Cross section                    | 4 mm <sup>2</sup>                               |
| Colour                                | Brown                                           |
| Extra information                     | With protective conductor, With wire protection |

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### Electrical parameters

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

### Material

|                                                            |               |
|------------------------------------------------------------|---------------|
| Material insert                                            | Thermoplastic |
| Material contact                                           | Copper alloy  |
| Plating of contact                                         | Silver        |
| Inflammability class of insulation material acc. with UL94 | V0            |