

# Product data sheet

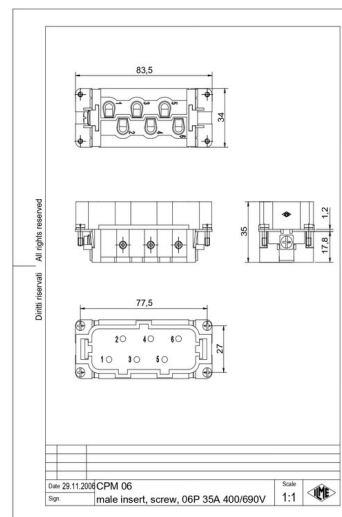
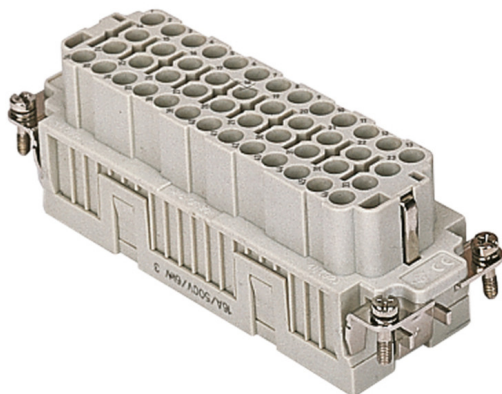
## Ilme connectors - CP 6 P + PE

male insert, size 77.27, 6p+PE, silver, screw, 35A, 400/690V



CPM 06

<https://www.ac-solutions.be/en/product/cpm06>



## Specifications

### General characteristics

|                                       |                           |
|---------------------------------------|---------------------------|
| Product Type                          | Standard insert           |
| Insert series                         | CP                        |
| Number of contacts                    | 6 + PE                    |
| Number of poles                       | 6                         |
| Connection type                       | Screw terminal connection |
| Gender                                | Male                      |
| Size                                  | 77.27                     |
| Operation lower temperature           | -40 °C                    |
| Operation upper temperature           | 125 °C                    |
| AWG-range 1                           | 18                        |
| AWG-range 2                           | 10                        |
| Min. Cross section without end sleeve | 1.5 mm <sup>2</sup>       |
| Max. Cross section without end sleeve | 6 mm <sup>2</sup>         |
| Min. Cross section                    | 0.75 mm <sup>2</sup>      |
| Max. Cross section                    | 6 mm <sup>2</sup>         |
| Colour                                | Grey                      |
| Extra information                     | With protective conductor |

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### Electrical parameters

|                       |           |
|-----------------------|-----------|
| Max. rated current    | 35 A      |
| Nominal rated voltage | 400/690 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            |