

EPC



### MECHANICAL FEATURES

<b>Socket body:</b>	Low copper content aluminium alloy, complete with wall fastening lugs and threaded socket closure cap attached to body with a safety chain
<b>Lid:</b>	Screw fastened, aluminium alloy with low copper content for opening socket and making electrical connection
<b>Plug:</b>	Low copper content aluminium alloy, complete with plastic lock rings
<b>Pins:</b>	Nickel-plated brass
<b>Gaskets:</b>	Acid, hydrocarbon and high temperature resistant positioned between the body and the lid
<b>Certificate label:</b>	Metal, affixed externally
<b>Screws:</b>	Stainless steel
<b>Earth screw:</b>	M6 outdoor and indoor
<b>Coating:</b>	Polyester RAL 7035 (Light grey)
<b>Threaded entry points:</b>	Two upper and two lower $\varnothing 1 \frac{1}{2}$ " (EPC) Two upper $\varnothing 1 \frac{1}{2}$ " (EPRC..)

#### Resistenza alla corrosione:

The STANDARD of the aluminium alloy used by Cortem has passed the tests required by standards EN60068-2-30 (hot-humid cycles) and EN60068-2-11 (salt fog test)

#### Safety system:

The external control lever and mechanically interlocked safety system prevents the electrical circuit from closing if the plug has not been correctly inserted in its explosion-proof housing, and prevents extraction if the automatic circuit breaker has not be opened previously. These sockets can be used in any environment with a potentially explosive atmosphere, and are manufactured so they cannot be used with industrial type plugs.

#### Circuit breaker operation

