

ATEX EARTHING SYSTEMS



Save ground connection for machines and devices. Terminals in nickel-plated brass and stainless steel.

Electrical components with metal body must have per standard 60079-0 a connection point of minimum 4 mm² to connect them with potential earth. These Earth Terminal fulfill these requirements in accordance to the standard EN 60079-0 for ground and bonding conductors.

Also the requirements for terminals as per standard EN 60999-1 are kept.

By simply pressing the terminal in a prepared blind hole as per drawing below, the earth terminals supplies a longstanding ground and bonding connection for 1.5 mm² up to 6mm².

| ITEM REFERENCES | | |
|-----------------|---------------------|-----------|
| Designation: | Material: | Item No.: |
| MSK | Nickel plated brass | 6E0101 |
| ESK | Stainless steel | 6E0102 |

| TECHNICAL SPECIFICATIONS | | | |
|--------------------------|---|--|---|
| Certificate: | Declaration of conformity acc. to EN 60999-1 / EN 60079-0 | | |
| Base: | Nickel plated brass (MSK) or Stainless steel (ESK) | | |
| Clamp: | Stainless steel | | |
| Screw: | M5 Stainless steel | | |
| Washer: | Stainless steel | | |
| Cross connection: | Rigid / Stranded / Unprepared | With sleeve: 1,5 ... 4 mm ² | With cable lug: 1,5 ... 6 mm ² |
| Tightening torque: | 2,2 ... 3,0 Nm | | |

| Drawing | Assembling instruction |
|---------|--|
| | <p>First the metal body must be predrilled with a blind hole D=6.8 mm and a minimum depth of 8 mm. Flat material must have a minimum thickness of 3 mm. After that, press the body of the earth terminal (without clamp, screw and washer) completely plumb in the blank hole (do not hit them in). Finally complete the earth terminal with clamp, washer and screw. By using two wires, they must have the same cross section.</p> |

