



## SAFE-GROUND SG/B-CMS1 EARTHING CLAMP

### General data sheet

#### Application

The Safe-Ground CMS1 stainless steel earthing clamp is designed to provide an effective, low-resistance connection between movable objects and earth to safely dissipate any static electricity.

The Safe-Ground CMS1 earthing clamp is spring-loaded and equipped with hardened, sharp teeth. When the clamp is applied to the object, the teeth immediately penetrate paint, rust or dirt, resulting in a connection resistance of less than 10 Ohm according to IEC/TS60079-32-1:2013/A1:2017. Its robust design, integrated strain relief and high-quality material make the clamp ideal for use in harsh working conditions and in (petro)chemical, off-shore and other process industries.

#### Benefits

Specially developed for use with Safe-Ground earthing systems, the CMS1 earthing clamp offers the following advantages:

- ◆ Shaped, robust and ergonomic design
- ◆ Sharp, hardened teeth with optimal “biting power”
- ◆ Equipped with integrated strain relief
- ◆ Suitable for use in all weather conditions
- ◆ Suitable for use in chemical or saline environments
- ◆ Suitable for use in ATEX environment
- ◆ According to IEC/TS60079-32-1

#### Assembly options

The Safe-Ground CMS1 earthing clamp is usually supplied as part of a StuvEx Safe-Ground earthing or bonding system, with or without connector.

