



## SAFE-GROUND SG/E-CR1/65 CABLE REEL

### General data sheet

#### Scope

Safe-Ground CR1/65 cable reel for use with Safe-Ground earthing clamps has been specially developed to provide an effective, low-resistance connection between movable objects and the Safe-Ground earth control units, to safely divert any static electricity.

The cable reel is a component of a StuvEx earthing system and can be combined with any of the control units and clamps of the Safe-Ground product range.

#### Benefits

Specially developed for the Safe-Ground earthing systems, the cable reel offers the following advantages:

- ◆ High mechanical protection of the cable
- ◆ Simple and quick installation
- ◆ Minimum resistance (< 10 Ohm)
- ◆ Closed housing with earth connection
- ◆ Integrated retractor
- ◆ Cable routing with self-lubricating rollers
- ◆ Automatic blocking mechanism
- ◆ Swiveling bracket in stainless steel
- ◆ Both for indoor and outdoor use
- ◆ Suitable for use in ATEX environment (zone 1, 2, 21 and 22)

#### Operation

The Safe-Ground CR1/65 cable reel is equipped with brass slip rings and special brushes, so that a minimum impedance is guaranteed. As part of the StuvEx earthing control system, an effective, low-resistance (< 10 Ohm) and continuous connection is realized in this way, fully in accordance with IEC/TS 60079-32-1.

High ease of use for winding and unwinding the cable is achieved by a cable guide with self-lubricating rollers. A blocking mechanism provides a stop every 50 cm. In addition, the cable reel is equipped with a winding mechanism so that the cable is wound automatically after use. The pivoting bracket provides a wide range of use.

The cable reel is suitable for use in both an industrial environment and an ATEX environment.

