



Akapp-Stemmann

A *Wabtec* Activity

SpringREEL

AV Compact



INDUSTRY APPLICATIONS



AKAPP-STEMMANN PRODUCTS

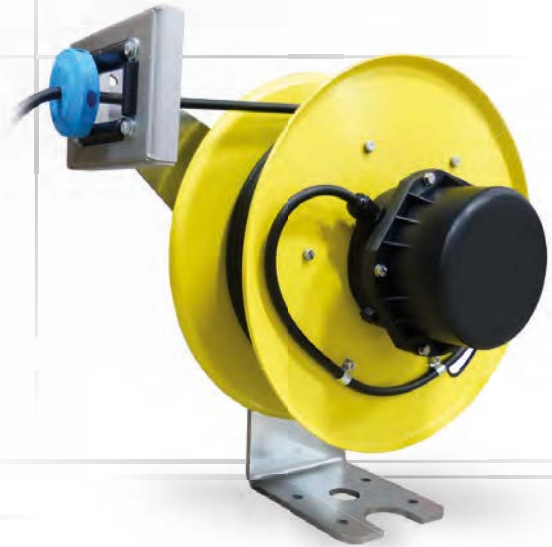
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SpringREEL AV Compact

Compact spring-driven cable reels

The cable reel series 'AV Compact' covers a large spectrum of applications and requirements.

The cable reels can be used for practically every application, indoors as well as outdoors.



Safety and reliability are our main focus, for this reason all cable reels comply with the most recent EU regulations (CE marking.) Furthermore all cable reels have been constructed of high quality components and are subject to stringent quality demands.

AV Compact for diverse indoors and outdoors applications

High quality springs

Modular slip rings

Includes mounting flange for safe and easy assembly

Special designs on request



For optimal protection against corrosion the AV Compact cable reels are finished with a polyester powder coating.

Springs

For optimal performance and long lifetime the springs are made of high-grade special steel. They are mounted into a metal housing to prevent friction and wear. The special construction of the cable reel shaft ensures quick and easy replacement of the springs.

Slip rings

The modular slip ring assembly is designed to accommodate extensive combinations. The slip ring is covered by a glass-fibre reinforced synthetic housing with ventilation valve. The housing is weather resistant and corrosion proof and the glands and seals are water tight. Protection class in accordance with standard IP65/66. Fitted with 2 m connection cable through the axis.

Design

The housings of the AV Compact types are made of hot-dip galvanised steel incl. corrosion-resistant polyester powder coating.

The galvanised mounting flange offers a secure fitting of the reel to any construction.



IMPORTANT MOUNTING DIRECTIONS

The reel should be mounted with the main shaft level and center of the spool width in-line with the cable termination. This allows the cable to unwind and rewind without coming in contact with e.g. frame constructions.

The reel needs a number of pre-tensioning turns to properly load the spring, so that, when the cable is wound, there is still a small tension: the pre-tension.

The adjustment of this pre-tension is premise for maximum spring life. The number of pre-tensioning turns depends on the cable to be wound.

The reels are standard fitted with a blocking device (can be switched off on request).



The slip ring assembly accommodates extensive variations and ensures reliability due to the large carbon brushes and the synthetic housing. The material used is weather tight (corrosion resistant).

Protection degree IP65 / IP66.

Capacity of slip rings from
25A at 500V up to max. 50A at 500V

AV Compact

Article no.	Type *	A	d Ø	Slip ring	Poles
8560100.B2604	28431110C-2604Compact	125 mm	430 mm	25A / 500V	PE + 3 Poles
8560100.B2605	28431110C-2605Compact	175 mm	430 mm	25A / 500V	PE + 4 Poles
8560100.B2606	28431110C-2607Compact	175 mm	430 mm	25A / 500V	PE + 6 Poles
8560100.B2612	28431110C-2612Compact	235 mm	430 mm	25A / 500V	PE + 11 Poles
8560100.B5103	28431110C-5103Compact	125 mm	430 mm	50A / 500V	PE + 2 Poles
8560100.B5104	28431110C-5104Compact	175 mm	430 mm	50A / 500V	PE + 3 Poles
8560100.B5105	28431110C-5105Compact	175 mm	430 mm	50A / 500V	PE + 4 Poles

* All reels are fitted with 2 m connection cable type H07RN-F, cross section depending on winding cable.

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