Reeling rubber cable
URSUS® VS PLUS

Application: Heavy-duty reeling rubber cable for power supply and signal transmission. In applications with high mechanical stress, especially with simultaneous tensile and torsional load. Suitable for cable drums for harbour cranes, container cranes, spreaders, conveyor systems, handling machines, etc.

- Bending radius: acc. to VDE 0298-3
- Ampacity: acc. to VDE 0298-4

Remark on REACH: The following substances from the REACH candidate list are used for all products on this datasheet with a proportion of more than 0.1 %:
CAS 85535-85-9

Construction and technical data:

Conductor material:	tinned copper
Conductor construction:	Class 5 = flexible
Insulation:	rubber EI3
Material inner sheath:	rubber
Self-supporting element:	Kevlar®
Torsion protection:	synthetic braid
Torsion:	+/- 50 °/m
Sheathing material:	rubber (CR) 5GM5
Colour of outer sheath:	yellow
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Oil-resistant:	EN 60811-404
Ozone-resistant:	VDE 0473-811-403/IEC 60811-403
Max. temperature at conductor, °C:	90 °C
Max. short circuit temperature at conductor, °C:	250 °C
Permitted outer cable temperature, fixed, °C:	-50 - +80 °C
Permitted outer cable temperature, moved, °C:	-30 - +80 °C
Bending radius, fixed installation:	6 x Ø
operating speed spreader, m/min.:	240 m/min.

The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

URSUS® VS PLUS 0.6/1 kV

Nominal voltage Uo:	1 kV
Nominal voltage U:	0.6 kV
Maximum permitted operating voltage in three-phase systems:	1.2 kV
Test voltage:	4 kV
Protective conductor:	yes
Core identification:	green-yellow + numbers

part no.	part name	Rl [Ohm/km]	Ø [mm]	Fzd [N]	Cu	G [kg]
052402	36G2.5 YE	8.21	33.5	8100	864	1890

Rl	Conductor resistance
Ø	outer diameter approx.
Fzd	Tensile strength (dynamic)
Cu	Copper weight (GER)
G	net weight per 1000

