Rubber reeling cable
URSUS®VS 0,6/1kV

DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

Application: Reeing cable for very high mechanical stresses, for heavy duty conditions, abrasion and crushing. The cable is typically used in cable winding reels for harbour cranes, container cranes, conveyors, handling machines for vertical reeling applications.

Construction and technical data:

Standard:	DIN VDE 0250-814 (with ref. to)
Conductor material:	tinned copper
Conductor construction:	Class 5 = flexible
Insulation:	rubber (EPR) 3GI3
Material inner sheath:	rubber (CR) 5GM5
Self-supporting element:	Kevlar®
Torsion protection:	polyester braid
Sheathing material:	rubber (CR) 5GM5
Colour of outer sheath:	yellow
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
UV-resistant:	yes
Oil-resistant:	EN 60811-404
Ozone-resistant:	yes
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, moving application:	5 x Ø

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.

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Nominal voltage Uo:	0.6 kV
Nominal voltage U:	1 kV
Maximum permitted operating voltage in three-phase systems:	1.2 kV
Test voltage:	4 kV
Core identification:	colours acc. to VDE 0293 (HD 308); more than 5 cores: gn-ye + numbers

part no.	part name	Rl [Ohm/km]	Ibl [A]	Ø [mm]	Fzd [N]	Cu	G [kg]
052975	03X300+3G150/3	0.0654	608	74	32000	10080	13200
052944	24G2,5	8.21	30	37		576	1750

Rl	Conductor resistance
Ibl	Ampacity in air (30 °C)
Ø	outer diameter approx.
Fzd	Tensile strength (dynamic)
Cu	Copper weight (GER)
G	net weight per 1000

