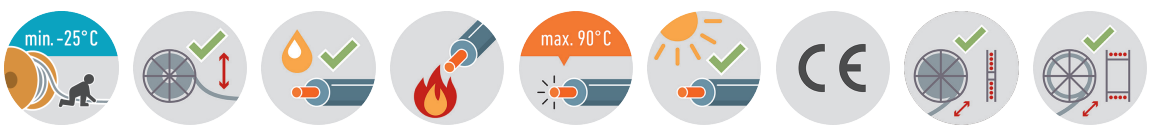
Reeling cable for underground mining
Protomont(S)® (N)SSHCGEOEU

DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

Application: Reeling mining cable for frequently changing dynamic loads and simultaneous tensile and torsional loads. The outer sheath is very resistant to abrasion and tearing.

Construction and technical data:

Standard:	VDE 0250-812 (with reference to)
Conductor construction:	class „FS“ = exceptionally fine stranded
Insulation:	rubber 3GI3
Arrangement of protective conductors:	split in the outer interstices
Material inner sheath:	rubber GM1b
Self-supporting element:	aramide
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:	yes
Max. temperature at conductor, °C:	90 °C
Permitted outer cable temperature, fixed, °C:	-40 - +80 °C
Permitted outer cable temperature, moved, °C:	-25 - +60 °C
Bending radius, fixed installation:	4 x Ø
Bending radius, moving application:	12 x Ø
Maximum tensile strength at the conductor:	30 N/mm²
Operating speed:	160 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.

Protomont(S)® (N)SSHCGEOEU 0.6/1 kV

Nominal voltage Uo: 0.6 kV

Nominal voltage U: 1 kV

Test voltage: 3 kV

part no.	part name	Rl [Ohm/km]	Ibl [A]	Ik [kA]	Ø [mm]	Fzp [N]	Fzd [N]	Cu	G [kg]
052389	03X16 + 3X(1.5ST KON + 10/3 KON)	1.24	99	2.29	34.4	720	1440	717	1818
052304	03X25 + 3X(1.5ST KON + 16/3 KON)	0.795	131	3.58	39.3	1125	2250	1074	2497
052830	03X35 + 3X(1,5ST KON + 16/3 KON)	0.565	162	4.27	44.2	1575	3150	1363	3129
051495	3X35/16 KON + 3X(1.5ST KON/1.5UEL KON)	0.565	162	5.01	39.5	1575	3150	1460	2356

Rl	Conductor resistance
Ibl	Ampacity in air (30 °C)
Ik	Short-circuit current (1 s)
Ø	outer diameter approx.
Fzp	Tensile strength (permanent)
Fzd	Tensile strength (dynamic)
Cu	Copper weight (GER)
G	net weight per 1000