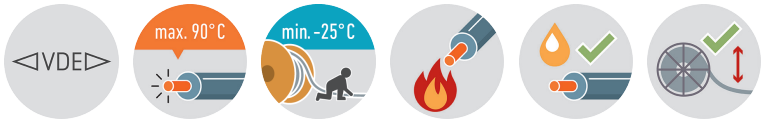
Reeling rubber cable
TROMMELFLEX (K) (N)SHTOEU

Application: Flexible low voltage reeling cable for application under medium mechanical stresses.

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

Construction and technical data:

Standard:	DIN VDE 0250-814
Conductor material:	tinned copper
Conductor construction:	Class 5 = flexible
Insulation:	rubber (EPR) 3GI3
Arrangement of cores:	Central filler, plastic or textile, if necessary covered with rubber. Cores twisted at short length of lay
Material inner sheath:	Gummi 5GM3
Torsion protection:	polyester braid
Torsion:	+/- 50 °/m
Sheathing material:	Gummi 5GM3
Colour of outer sheath:	black
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
UV-resistant:	yes
Oil-resistant:	yes
Water-resistant:	yes
For outdoor use:	yes
Max. temperature at conductor, °C:	90 °C
Max. short circuit temperature at conductor, °C:	250 °C
Permitted outer cable temperature, fixed, °C:	-40 - 80 °C
Permitted outer cable temperature, moved, °C:	-25 - 80 °C
Bending radius, fixed installation:	4 x Ø
Bending radius, moving application:	5 x Ø
Maximum tensile strength at the conductor:	15 N/mm²
Operating speed:	120 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.

TROMMELFLEX (K) (N)SHTOEU-J 0.6/1 kV

Nominal voltage Uo: 0.6 kV

Nominal voltage U: 1 kV

Maximum permitted operating voltage in three-phase systems: 1.2 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]	Fzp [N]	Cu	G [kg]
053352	07x1.5	13.7	23	17.3	158	105	397
053353	12x1.5	13.7	23	21.9	270	196	569
053354	18x1.5	13.7	23	23.6	405	271	755
053355	24x1.5	13.7	23	17.3	540	123	372
053356	30x1.5	13.7	23	19.7	675	180	526
053357	04x2.5	8.21	30	23.9	150	308	764
053358	05x2.5	8.21	30	17.3	188	123	372
053359	07x2.5	8.21	30	19.7	263	180	526
053360	18x2,5	8.21	30	27.2	675	451	1046
053361	04x4	5.09	41	18.1	240	160	447
053362	04x6	3.39	53	19.4	360	241	552
053363	04x10	1.95	74	24	600	404	867
053364	04x16	1.24	99	29.1	960	645	1308
053365	04x25	0.795	131	35.4	1500	1005	1999
053205	12x2.5	8.21	30	23.9	450	308	764
053285	24x2.5	8.21	30	32.1	900	616	1402
053293	30x2.5	8.21	30	33.7	1125	771	1626
053350	04x35	0.565	162	38.3	2100	1382	2406
053366	04x70	0.277	250	48.7	4200	2833	3989
053367	04x95	0.21	301	57.3	5700	3845	5351
053368	04x120	0.164	352	61.9	7200	4857	7336
053369	04x150	0.132	404	69	9000	6071	8706
053370	05x4	5.09	41	19.3	300	200	507
053371	05x6	3.39	53	21.6	450	296	675
053372	05x16	1.24	99	31.1	1200	844	1500
052969	04x10+3x(2X1,5)C	1.95	74	33	6000	622	1444
053026	25x2,5 + 5x1,5 (C)	8.21	30	33.8	938	813	1660

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

