

TRATOS *FLEX*

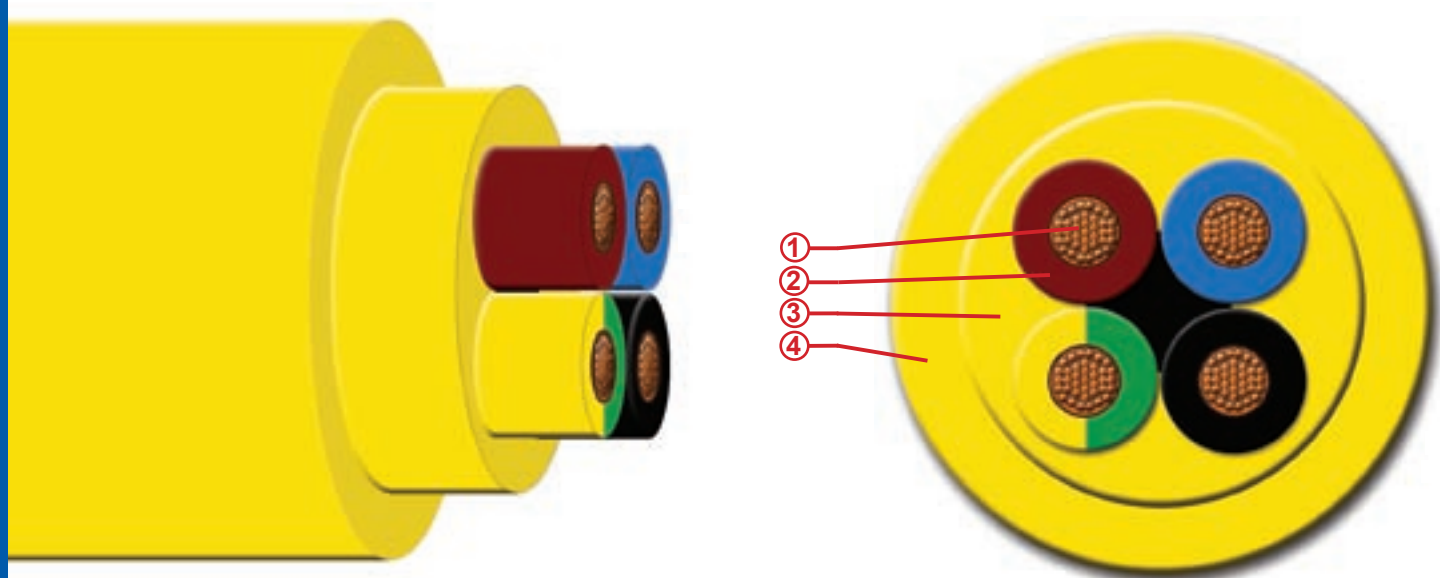
10. LOW VOLTAGE POWER CABLES 0,6/1 kV

TRATOSPUR

FEATURES AND PERFORMANCES

Rated Voltage 0,6/1 kV
Max Voltage AC 0,7/1,2 kV
AC Voltage Test 2.5 kV

- 1 - Plain copper conductor cl. 6 VDE 0295
- 2 - Insulation special thermoplastic material
- 3 - Inner sheath thermoplastic material
- 4 - Outer sheath polyurethane



Installation Temperature:	
Fixed Installation	- 50 ° C
Mobile Installation	- 30 ° C

Travel Condition:	Suitable	Tensile Load
	mt / minute max	N / mm ²
REELING OR TRAILING OPERATION ON REELS - ESCAVATORS - DRAGLINE - JUMBOS	60	20


 Table 11 - **TRATOSPUR**

Cross Section	Maximum Diameter of Single Wires	Rated Voltage	Maximum Temperature of the Conductor During Operation	Maximum Temperature of the Conductor During Short Circuit	Max. tensile Load During Installation and Operation	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Cable Weight
mm ²	mm	U ₀ /U	°C	°C	N	mm	mm	Kg/m
4X2,5	0,26	0,6/1 kV	85	200	200	12,6	14,5	0,230
4X4	0,31	0,6/1 kV	85	200	320	14,7	16,7	0,340
4X6	0,31	0,6/1 kV	85	200	480	17,0	19,0	0,450
4X10	0,41	0,6/1 kV	85	200	800	20,2	22,2	0,700
4X16	0,41	0,6/1 kV	85	200	1280	23,5	25,5	1,050
4X25	0,41	0,6/1 kV	85	200	2000	27,5	30,0	1,500
4X35	0,41	0,6/1 kV	85	200	2800	30,5	33,0	1,950
3X25+3X25/3	0,51/0,41	0,6/1 kV	85	200	1500	24,0	27,0	1,260
3X35+3X25/3	0,51/0,41	0,6/1 kV	85	200	2100	26,0	28,5	1,570
3X50+3X25/3	0,51/0,41	0,6/1 kV	85	200	3000	30,5	33,0	2,400
3X70+3X35/3	0,51/0,41	0,6/1 kV	85	200	4200	35,5	38,0	3,300
3X95+3X50/3	0,51/0,41	0,6/1 kV	85	200	5700	40,0	42,8	4,250
3X120+3X70/3	0,51/0,41	0,6/1 kV	85	200	7200	44,0	46,7	5,400
3X150+3X70/3	0,51/0,41	0,6/1 kV	85	200	9000	49,0	52,0	6,400
3X185+3X95/3	0,51/0,41	0,6/1 kV	85	200	11100	54,5	57,5	8,000
3X240+3X120/3	0,51/0,41	0,6/1 kV	85	200	14400	61,0	64,0	9,900