

Power cable < 1 kV, for flexible applications Trioflex CC



Application	: Flexible control cable for use in industrial environments, machine manufacturing and process control systems. The combined approvals make the cable especially suitable for export purposes. CE-marking according to the Low Voltage Cables directive 2006/95/EC
TECHNICAL DATA	: TYPE CC
Standards	: UL 2587. EN 50525-2-51 (HAR HD 21.13 S1). CSA-AWM I A/B II A/B, UL VW1, CSA FT1.
Remarks	: Outer jacket grey=RAL7001.
Conductor material	: Copper, bare
Conductor category	: Class 5 = flexible
Stranding element	: No
Core insulation material	: Polyvinyl chloride (PVC)
Core identification	: Numbers
Inner sheath	: No
Screen over stranding element	: None
Screen	: No
Model	: Round
Screen over stranding	: None
Flame retardant	: In accordance with EN 60332-3-24
Material outer sheath	: Polyvinyl chloride (PVC)
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Low smoke (acc. BS EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Permitted cable outer temperature during assembling/handling	: -5°C to 90°C
Permitted cable outer temperature after assembling without vibration	: -30°C to 90°C
Max. conductor temperature	: 90°C
Nominal voltage U ₀	: 300V
Core protecton	: No
Nominal voltage U	: 600V
Reaction-to-fire class according to EN 13501-6	: Eca
Conductor surface	: Bare
	: No
	: Round



Shape of conductor

: Round



ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)
1305302	2 x 0.5	No	5.7
1305304	4 x 0.5	Yes	6.7
1305305	5 x 0.5	Yes	7.7
1305310	10 x 0.5	Yes	10.6
1305312	12 x 0.5	Yes	10.9
1305316	16 x 0.5	Yes	12.2
1305318	18 x 0.5	Yes	13
1305325	25 x 0.5	Yes	18
1305402	2 x 0.75	No	6
1305403	3 x 0.75	Yes	6.6
1305404	4 x 0.75	Yes	7.3
1305405	5 x 0.75	Yes	8.1
1305407	7 x 0.75	Yes	8.9
1305408	8 x 0.75	Yes	10.6
1305412	12 x 0.75	Yes	12
1305418	18 x 0.75	Yes	14.2
1305419	19 x 0.75	Yes	14.2
1305425	25 x 0.75	Yes	16.5
1305434	34 x 0.75	Yes	19.2
1305502	2 x 1	No	6.5
1305503	3 x 1	Yes	6.9
1305504	4 x 1	Yes	7.7
1305505	5 x 1	Yes	8.5
1305507	7 x 1	Yes	9.4
1305512	12 x 1	Yes	12.6
1305518	18 x 1	Yes	15
1305525	25 x 1	Yes	17.5
1305534	34 x 1	Yes	20.4
1305602	2 x 1.5	No	7.6
1305603	3 x 1.5	Yes	8.2
1305604	4 x 1.5	Yes	9.1
1305605	5 x 1.5	Yes	10.1
1305607	7 x 1.5	Yes	11.1
1305608	8 x 1.5	Yes	13.3
1305612	12 x 1.5	Yes	14.9
1305618	18 x 1.5	Yes	17.9
1305625	25 x 1.5	Yes	20.9



ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)
1305702	2 x 2.5	No	9
1305703	3 x 2.5	Yes	9.7
1305704	4 x 2.5	Yes	10.7
1305705	5 x 2.5	Yes	12
1305707	7 x 2.5	Yes	13.2
1305708	8 x 2.5	Yes	15.7
1305710	10 x 2.5	Yes	17.1
1305712	12 x 2.5	Yes	17.8