



CONTROL FLEX - E11 SY

Technical data



Core identification code
Black with white numbers based on:
VDE 0293



Conductor
fine wire base to
VDE 0295 K1.5/IEC 60228 C1.5



Rated voltage
U_o/U: 300/500 V



Protective conductor
G=with protective conductor GN/YE
X=without protective conductor



Specific insulation resistance
> 20 GOhm x cm



Minimum bending radius
occasional flexing: 20 x cable diameter
fixed installation: 6 x cable diameter



Test voltage
4000V



Range of temperature
occasional flexing: -5 °C to +70 °C
fixed installation: -15 °C to +80 °C

Benefits

- * Space-saving installation due to small cable diameters
- * High electrical performance due to 4 Kv test voltage

Approvals (Norm references)

- * Using RoHS compliances compounds
- * CE

Product Make-UP

- * Bare copper wire bunched conductor
- * PVC insulation
- * PVC inner sheath, grey
- * Oxidation protected steel wire braid
- * PVC outer sheath, transparent

Product features

- * Flame-retardant acc. to IEC 60332-1-2
- * Good chemical resistance

Application range

- * Plant engineering and construction
Industrial machinery, Air conditioning installations
- * Fixed installation as well as occasional flexing At free, non-continuously recurring movement without tensile load
- * Area with increased mechanical stress requirements
- * The galvanized coating on the steel wire braiding not only helps protect against corrosion, but also notably improves the soldering performance.
- * The clear transparent PVC outer sheath gives the cable in addition on optical revaluation.

Part Number	Number of cores and mm ² per conductor	Outer diameter in mm approx.	Copper index Kg./km	Weight kg./km approx
CONTROL FLEX - E11 SY; U_o / U: 300 / 500 V				
600042	2 X 0.5	8.0	10.0	99
601043	3 G 0.5	8.3	15.0	107
601044	4 G 0.5	8.7	19.2	107
601045	5 G 0.5	9.4	24.0	119
601046	6 G 0.5	9.9	29.5	157
601047	7 G 0.5	9.9	33.6	119
601048	8 G 0.5	10.9	41.3	190
601410	10 G 0.5	12.0	48.0	232
601412	12 G 0.5	12.2	58.0	247
601414	14 G 0.5	12.9	67.0	275
601416	16 G 0.5	13.4	76.5	297
601418	18 G 0.5	14.3	86.4	337
601425	25 G 0.5	16.2	120.0	432
601430	30 G 0.5	17.3	144.0	503
600052	2 X 0.75	8.6	14.4	114
601053	3 G 0.75	8.9	21.8	126
601054	4 G 0.75	9.4	28.8	143
601055	5 G 0.75	10.2	36.0	169
601056	6 G 0.75	10.8	43.0	194
601057	7 G 0.75	10.8	50.4	205
601058	8 G 0.75	11.7	58.0	234
601510	10 G 0.75	13.0	72.0	282
601512	12 G 0.75	13.5	86.4	309
601514	14 G 0.75	14.2	100.4	343
601516	16 G 0.75	14.8	115.0	374
601518	18 G 0.75	15.6	129.6	422
601525	25 G 0.75	18.0	180.0	564
601530	30 G 0.75	19.3	220.0	648
600062	2 X 1.0	9.1	19.2	130
601063	3 G 1.0	9.5	29.0	145
601064	4 G 1.0	10.1	38.4	166
601065	5 G 1.0	10.9	48.0	204
601066	6 G 1.0	11.6	57.9	236
601067	7 G 1.0	11.6	67.0	237
601068	8 G 1.0	13.0	77.0	285
601610	10 G 1.0	14.3	96.0	343
601612	12 G 1.0	14.6	115.0	372
601614	14 G 1.0	15.4	134.0	415

Part Number	Number of cores and mm ² per conductor	Outer diameter in mm approx.	Copper index Kg./km	Weight kg./km approx
CONTROL FLEX - E11 SY; U_o / U: 300 / 500 V				
601616	16 G 1.0	16.3	154.6	474
601618	18 G 1.0	17.0	173.0	522
601625	25 G 1.0	19.8	240.0	693
601630	30 G 1.0	21.3	291.0	799
600072	2 X 1.5	9.9	29.0	155
601073	3 G 1.5	10.3	43.0	175
601074	4 G 1.5	11.0	58.0	211
601075	5 G 1.5	11.9	72.0	251
601076	6 G 1.5	12.7	86.6	288
601077	7 G 1.5	12.7	101.0	289
601078	8 G 1.5	14.3	115.0	353
601710	10 G 1.5	15.7	146.0	411
601712	12 G 1.5	16.3	173.0	486
601714	14 G 1.5	17.0	202.0	534
601716	16 G 1.5	18.0	231.0	595
601718	18 G 1.5	19.2	259.0	677
601725	25 G 1.5	22.4	360.0	912
601730	30 G 1.5	23.6	434.0	1030
600082	2 X 2.5	11.1	48.0	204
601083	3 G 2.5	11.6	72.0	234
601084	4 G 2.5	12.5	96.0	277
601085	5 G 2.5	13.6	120.0	337
601086	6 G 2.5	14.9	144.0	409
601087	7 G 2.5	14.9	168.0	413
601812	12 G 2.5	19.2	288.0	685
600092	2 X 4.0	13.4	76.8	124
601093	3 G 4.0	14.0	115.2	343
601094	4 G 4.0	15.5	154.0	425
601095	5 G 4.0	16.7	192.0	516
600102	2 X 6.0	15.0	115.0	379
601103	3 G 6.0	15.8	172.5	447
601104	4 G 6.0	17.0	230.0	542
601105	5 G 6.0	18.7	288.0	669
600112	2 X 10	17.7	192.0	555
601113	3 G 10	18.7	288.0	665
601114	4 G 10	20.7	384.0	826
601115	5 G 10	22.8	480.0	1036
600122	2 X 16	20.6	307.0	777
601124	4 G 16	24.0	614.0	1173

* Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

* other sizes can be manufactured on demand

We Carry Signals

For Current Information See : www.sapflexkabel.com