

ÖZCuY-0 (E) PVC control cable with numbered cores, overall copper screen and blue outer sheath



D-VIERSEN · ÖZCuY-0 (E) VDE-Reg.-Nr. 7000 CC 243 3 x 0,75

Marking for ÖZCuY-0 (E) 02430307:

SAB BRÖCKSKES · D-VIERSEN · ÖZCuY-0 (E) VDE-Reg.-Nr. 7000 CC 243 3 x 0,75 mm² CE

Construction:

Conductor:	bare copper strands acc. to DIN VDE 0295 class 5 + IEC 60228 class 5 + HD 383 class 5
Insulation:	PVC, TI2 acc. to DIN VDE 0281 part 1 + HD 21.1
Colour code:	black cores with consecutive numbers acc. to DIN VDE 0293 + HD 186
Stranding:	in layers
Inner sheath:	PVC, TM2 acc. to DIN VDE 0281 part 1 + HD 21.1
Screen:	tinned copper braiding
Sheath material:	PVC, TM2 acc. to DIN VDE 0281 part 1 + HD 21.1
Sheath colour:	light blue (RAL 5015)

Technical data:

Nominal voltage:	U ₀ /U 300/500 V
Testing voltage U:	3000 V acc. to DIN VDE 0472 part 508; core/screen 1000 V
Min. bending radius	
fixed laying:	5 x d
flexible application:	10 x d
Radiation resistance:	8 x 10 ⁷ cJ/kg
Temperature range	
fixed laying:	-40/+70 °C
flexible application:	+5/+70 °C
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1
Oil resistance:	acc. to internal standard, see page N/14
Chem. resistance:	see page N/9
Absence of harmful substances:	acc. to RoHS-guideline 2002/95/EG as well as GefStoffV appendix IV-no. 24, see page N/14

Outstanding features:

- good EMC characteristics
- flexible
- for intrinsically safe circuits

item no.	no. of cores x cross section n x mm²	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
02430207	2 x 0,75	0,21	8,1	61,2	94
02430307	3 x 0,75	0,21	8,4	69,0	105
02430407	4 x 0,75	0,21	9,1	86,5	125
02430507	5 x 0,75	0,21	9,7	94,8	145
02430707	7 x 0,75	0,21	10,6	110,7	173
02430210	2 x 1,00	0,21	8,3	66,4	102
02430310	3 x 1,00	0,21	8,6	76,5	114
02430410	4 x 1,00	0,21	9,4	96,4	137

item no.	no. of cores x cross section n x mm²	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
02430510	5 x 1,00	0,21	10,0	107,4	158
02430710	7 x 1,00	0,21	11,1	128,1	206
02430215	2 x 1,50	0,26	9,1	86,1	125
02430315	3 x 1,50	0,26	9,5	101,2	143
02430415	4 x 1,50	0,26	10,1	116,8	166
02430515	5 x 1,50	0,26	11,1	145,4	210
02430715	7 x 1,50	0,26	12,2	176,3	259

Other dimensions and colours are possible on request.