

0.6/1kV

Servo Cables

PE/PVC 모터 전원공급용 / 구리망 실크 / 0.6/1kV **SL 851 C**

RoHS



Marking for SL 851 C 08510415
SAB BRÖCKSKES D-VIERSEN SL 851 C 4 x 1,5 mm² CE

Construction (케이블구성)

Conductor (도체)	bare copper strands acc. to DIN VDE 0295 class 5+ IEC 60228 class 5 + HD 383 class 5
Insulation (내피재질)	PE 2Y11 acc. to DIN VDE 0207 part 2
Core code (코어식별)	coloured acc. to DIN VDE 0293 + HD 186 and a green-yellow earth wire
Stranding (도체연선)	in layers
Wrapping	PETP foil
Screen (실크형식)	tinned copper braiding
Wrapping	non-woven tape
Sheath material (외피재질)	special PVC
Sheath colour (외피색상)	black (RAL 9005)

Outstanding features (특징)

- ▶ low surface transfer impedance
- ▶ low mutual capacitance
- ▶ very good EMC characteristics

Technical data (기술사항)

Nominal voltage (사용전압)	U ₀ /U 0,6/1 kV
Maximum operating voltage (최고 사용전압)	in three-phase current and single phase current operation : U ₀ /U 0,7/1,2 kV in D.C. current operation : U ₀ /U 0,9/1,8 kV peak value of alternating current : U [^] 1,7 kV
Testing voltage (시험전압)	4000 V core/screen 2500 V
Min. bending radius (곡률반경)	≤ 12 mm < 12 mm up to ≤ 20 mm > 20 mm
fixed laying	5 x d 7,5 x d 10 x d
flexible application	10 x d 15 x d 20 x d
Radiation resistance (내방사성)	8 x 10 ⁻⁷ cJ/kg
Temperature range (사용온도)	
fixed laying	-40 / +70°C
flexible application	-20 / +70°C
Fire performance (내화성관련)	flame retardant and self-extinguishing acc. to IEC 60332-1
Oil resistance (내유성)	acc. to internal standard
Chem. resistance (내화학성)	별첨 참조
Absence of harmful substances	acc to, RoHS-guideline 2002/95/ EG as well as GefStoffv appendix IV-no. 24

item no.	no. of cores x cross section n x mm ²	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
08510415	4 x 1,50	0,25	10,7	107,5	173
08510425	4 x 2,50	0,25	12,3	164,2	242
08510440	4 x 4,00	0,30	14,3	221,2	328
08510460	4 x 6,00	0,30	16,2	330,6	455
08510470	4 x 10,00	0,40	20,0	514,1	711
08510480	4 x 16,00	0,40	25,7	768,6	1111
08510490	4 x 25,00	0,40	30,3	1228,2	1684
08510495	4 x 35,00	0,40	34,2	1624,7	2218

Other dimensions and colours are possible on request.



for **DNC** motors
on frequency
converters U[^] 1.7 kV

