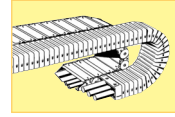


# Servo Cables



extremely long  
servic life

## SL 823 C TPE 코어 / PUR 외피 / 0.6/1kV / 구리망섀드



RoHS

Marking for SL 823 C 08230415  
SAB BROCKSKES D-VIERSEN SL 823 C 0,6/1 kV 4 x 1,5 mm<sup>2</sup> CE

### Construction (케이블구성)

<b>Conductor</b> (도체)	bare copper strands acc. to DIN VDE 0295 class 6 + IEC 60228 class 6 + HD 383 class 6
<b>Insulation</b> (내피재질)	TPE 510
<b>Core code</b> (코어식별)	black cores with consecutive numbers acc. to DIN VDE 0293 + HD 186 and a green-yellow earth wire
<b>Stranding</b> (도체연선)	in layers
<b>Wrapping</b>	two layers of non-woven tape
<b>Screen</b> (섀드형식)	tinned copper braiding
<b>Wrapping</b>	non-woven tape
<b>Sheath material</b> (외피재질)	PUR, TPU acc. to DIN VDE 0282 part 10 + HD 22.10 with mat surface
<b>Sheath colour</b> (외피색상)	orange (RAL 2003)

### Outstanding features (특징)

- ▶ very good EMC characteristics (탁월한 EMC 기능)
- ▶ very high flexibility (초유연성)
- ▶ suitable for cable tracks
- ▶ oil resistant (내유성)
- ▶ very long service life (장수명 보장)
- ▶ adhesion-free installation (피복 마모성 강화)
- ▶ halogen-free (할로겐 프리)
- ▶ labs uncritical (에나멜 내습성 강화)  
(labs = enamel moisturing interfering substances)
- ▶ flexible at low temperatures (저온에서 유연성 탁월)
- ▶ DESINA® colours (공작기계 협화기준 피복색상 적용)

### Technical data (기술사양)

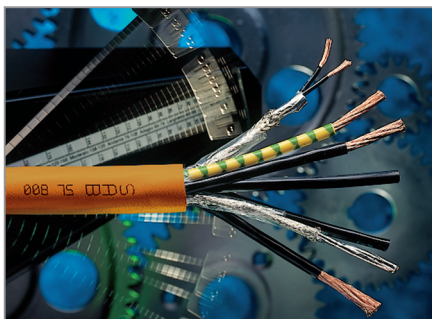
<b>Nominal voltage</b> (사용전압)	U <sub>0</sub> /U 0,6/1kV
<b>Testing voltage</b> (시험전압)	4000V core/screen 2000V
<b>Min. bending radius</b> (곡률반경)	
fixed laying	5 x d
flexible application	7,5 x d
continuously flexible	12 x d
<b>Radiation resistance</b> (내방사성)	5 x 10 <sup>7</sup> cJ/kg
<b>Temperature range</b> (사용온도)	
fixed laying	-50 / +90°C
flexible application	-40 / +90°C
<b>Oil resistance</b> (내유성)	very good – TPU acc. to DIN VDE 0282 part 10 + HD 22.10
<b>Chem. resistance</b> (내화학성)	good against acids, alkalines, solvents, hydraulic liquids etc.
<b>Weather resistance</b> (내후성)	very good
<b>Absence of harmful substances</b>	acc to. RoHS-guideline 2002/95/ EG as well as GefStoffv appendix IV-no. 24



DNC 모터용  
주파수 변화 컨버터

item no.	no. of cores x cross section n x mm <sup>2</sup>	AWG	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
08230415	4 x 1,50	16 / 4c	0,16	9,5	95,8	141
08230425	4 x 2,50	14 / 4c	0,16	11,9	147,0	217
08230440	4 x 4,00	12 / 4c	0,16	13,0	210,2	289
08230460	4 x 6,00	10 / 4c	0,21	15,9	300,5	420
08230470	4 x 10,0	8 / 4c	0,21	18,5	489,9	627
08230480	4 x 16,0	6 / 4c	0,21	22,4	751,3	965
08230490	4 x 25,0	4 / 4c	0,21	25,5	1118,2	1363
08230495	4 x 35,0	2 / 4c	0,21	29,5	1533,4	1848
08230496	4 x 50,0	1 / 4c	0,31	34,5	2148,7	2553

Other dimensions and colours are possible on request.



#### Note

- ✓ 최장 수명보장
- ✓ TPE / PUR 피복
- ✓ -40°C ~ +90°C 적용
- ✓ EMC 기능강화
- ✓ 내유성 강화

#### Note

- ✓ Halogen-Free
- ✓ Very high flexibility