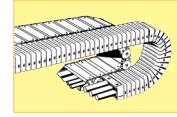


# Servo Cables



suitable for  
cable tracks and  
and good EMC

## SL 801 C PE/PVC 각페어드 Motor 연결선 포일섀드 / 구리망 섀드 / 0.6-1 kV

BROCK KES D-VIERSEN SL 801 C CE RoHS



RoHS

Marking for SL 801 C 08010407 SAB BRÖCKSKES D-VIERSEN SL 801 C  
4 x 0,75 mm<sup>2</sup> + 2 x (2 x 0,34 mm<sup>2</sup>) CE

### Construction (케이블구성)

<b>Conductor</b> (도체)	bare copper strands acc. to DIN VDE 0295class 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 (except 0,34 mm <sup>2</sup> coloured) and a green-yellow earth wire supply cores: U1, V2, W3 and a green-yellow earth wire control cores: BR1 and BR2
<b>from item no.</b> 08011415	
<b>Stranding</b> (도체연선)	control cores 0,34 mm <sup>2</sup> - 2,5 mm <sup>2</sup> twisted to pairs
<b>Screen</b> (섀드형식)	pairs wrapped with Alu-foil, tinned copper braid
<b>Wrapping</b>	pairs with mit PETP foil
<b>Stranding</b> (도체연선)	screened control pairs and supply cores twisted together in layers
<b>Wrapping</b>	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)

### Technical data (기술사항)

<b>Nominal voltage</b> (사용전압)	supply cores U <sub>0</sub> /U 0,6/1kV
<b>Peak operating voltage</b> (최고사용전압)	control cores max. 500V
<b>Testing voltage</b> (시험전압)	supply cores 4000V
<b>Min. bending radius</b> (곡률반경)	
fixed laying	5 x d
flexible application	10 x d
<b>continuously flexible</b>	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-TMPU 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 Gefstovf appendix IV-no. 24

### Outstanding features (특징)

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



요청에 따라서  
하네스 작업 가능

	item no.	dimensions	AWG		largest single wire ø mm	outer-ø mm	copper figure kg/km	cable weight ≈ kg/km
			supply cores	control cores (pairs)				
INDRAMAT	08010407	4 x 0,75 + 2 x (2 x 0,34)	19 / 4c	22 / 2pr	0,16/0,11	10,5 ± 0,5	115,5	160
	08010410	4 x 1,00 + 2 x (2 x 0,75)	18 / 4c	19 / 2pr	0,16	12,0 ± 0,5	154,2	209
	08010415	4 x 1,50 + 2 x (2 x 0,75)	16 / 4c	19 / 2pr	0,16	12,2 ± 0,5	174,3	233
	08010425	4 x 2,50 + 2 x (2 x 1,00)	14 / 4c	18 / 2pr	0,16	15,0 ± 0,8	236,8	312
	08010441	4 x 4,00 + (2 x 1,00) + (2 x 1,50)	12 / 4c	18 / 1pr + 16 / 1pr	0,16	17,8 ± 0,6	349,8	463
	08010461	4 x 6,00 + (2 x 1,00) + (2 x 1,50)	10 / 4c	18 / 1pr + 16 / 1pr	0,21/0,16	18,6 ± 0,8	437,6	580
	08010471	4 x 10,00 + (2 x 1,00) + (2 x 1,50)	8 / 4c	18 / 1pr + 16 / 1pr	0,21/0,16	22,5 ± 1,0	613,5	792
	08010481	4 x 16,00 + 2 x (2 x 1,50)	6 / 4c	16 / 2pr	0,21/0,16	27,6 ± 0,8	880,6	1130
	08010490	4 x 25,00 + 2 x (2 x 1,50)	4 / 4c	16 / 2pr	0,21/0,16	28,0 ± 1,0	1237,0	1507
	08010495	4 x 35,00 + 2 x (2 x 1,50)	2 / 4c	16 / 2pr	0,21/0,16	32,0 ± 1,0	1647,3	2011
SIEMENS	08010496	4 x 50,00 + 2 x (2 x 2,50)	1 / 4c	14 / 2pr	0,21/0,16	38,2 ± 1,0	2324,0	2866
	08011415	4 x 1,50 + (2 x 1,50)	16 / 4c	16 / 1pr	0,16	12,5 ± 0,4	161,8	213
	08011425	4 x 2,50 + (2 x 1,50)	14 / 4c	16 / 1pr	0,16	13,8 ± 0,4	202,1	266
	08011440	4 x 4,00 + (2 x 1,50)	12 / 4c	16 / 1pr	0,16	14,9 ± 0,4	270,4	353
	08011460	4 x 6,00 + (2 x 1,50)	10 / 4c	16 / 1pr	0,21/0,16	16,7 ± 1,1	382,5	490
	08011470	4 x 10,00 + (2 x 1,50)	8 / 4c	16 / 1pr	0,21/0,16	19,2 ± 1,6	549,4	698
	08011480	4 x 16,00 + (2 x 1,50)	6 / 4c	16 / 1pr	0,21/0,16	23,0 ± 1,7	802,2	1008
	08011490	4 x 25,00 + (2 x 1,50)	4 / 4c	16 / 1pr	0,21/0,16	26,9 ± 1,0	1171,1	1448
	08011495	4 x 35,00 + (2 x 1,50)	2 / 4c	16 / 1pr	0,21/0,16	31,0 ± 1,0	1592,3	2012
	08011496	4 x 50,00 + (2 x 1,50)	1 / 4c	16 / 1pr	0,21/0,16	34,8 ± 1,0	2203,3	2695

Other dimensions and colours are possible on request.



Thomas Cable