

# SL 813 C

PVC/PUR 모터 연결 차폐 케이블



Marking for SL 813 C 08130415:

SAB BRÖCKSKES · D-VIERSEN · 08130415 4 x 1,5 mm² SL 813 C 0,6/1 kV **DESINA** CE

## Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 6
<b>Insulation:</b>	PVC, TI2 acc. to DIN VDE 0281 part 1 + HD 21.1
<b>Colour code:</b>	black cores with consecutive numbers acc. to EN 50334 and a green-yellow earth wire
<b>Stranding:</b>	in layers
<b>Inner sheath:</b>	PVC, TM2 acc. to DIN VDE 0281 part 1 + HD 21.1
<b>Screen:</b>	tinned copper braiding
<b>Wrapping:</b>	non-woven tape
<b>Sheath material:</b>	PUR, TPU acc. to DIN VDE 0282 part 10 + HD 22.10 with mat surface
<b>Sheath colour:</b>	orange (RAL 2003)

## Outstanding features:

- very good EMC characteristics
- flexible
- rugged sheath
- oil resistant
- EAC approval
- DESINA® colours (see page C/4)

## Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 0.6/1 kV
<b>Testing voltage U:</b>	4000 V core/screen 2000 V
<b>Min. bending radius</b>	
fixed laying:	5 x d
flexible application:	10 x d
continuously flexible:	12 x d
<b>Radiation resistance:</b>	5 x 10 <sup>7</sup> cJ/kg
<b>Temperature range</b>	
fixed laying:	-40/+70 °C
flexible application:	+5/+70 °C
<b>Oil resistance:</b>	very good - PUR TPU acc. to DIN VDE 0282 part 10 + HD 22.10
<b>Chem. resistance:</b>	good against acids, alkalines, solvents, hydraulic liquids etc.
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page N/17

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
08130415	4 x 1,50	16 / 4c	0,16	12,4	113,8	228
08130425	4 x 2,50	14 / 4c	0,16	15,4	165,9	345
08130440	4 x 4,00	12 / 4c	0,16	17,0	257,3	449
08130460	4 x 6,00	10 / 4c	0,21	19,2	346,3	594
08130470	4 x 10,00	8 / 4c	0,21	23,0	524,5	877
08130480	4 x 16,00	6 / 4c	0,21	26,4	777,0	1242
08130490	4 x 25,00	4 / 4c	0,21	30,7	1156,8	1763
08130495	4 x 35,00	2 / 4c	0,21	34,0	1574,3	2258
08130496	4 x 50,00	1 / 4c	0,31	39,3	2177,9	3076
08130515	5 x 1,50	16 / 5c	0,16	13,7	139,4	286
08130525	5 x 2,50	14 / 5c	0,16	16,7	222,8	420
08130540	5 x 4,00	12 / 5c	0,16	18,7	306,5	575
08130560	5 x 6,00	10 / 5c	0,21	20,8	422,1	733
08130570	5 x 10,00	8 / 5c	0,21	25,3	638,2	1097
08130580	5 x 16,00	6 / 5c	0,21	28,7	955,6	1524
08130590	5 x 25,00	4 / 5c	0,21	33,4	1427,1	2172
08130595	5 x 35,00	2 / 5c	0,21	37,4	1927,5	2748

Other dimensions and colours are possible on request.



for DNC motors  
on frequency  
converters