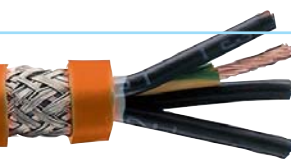




## SL 834 C Low capacity PUR motor connection cable with overall copper screen 0,6/1 kV

AWM Style 20235 80°C CSA AWM I/II A/B 80°C 1000V FT1 FT2 CE



Marking for SL 834 C 08340415: SAB BBRÖCKSKES · D-VIERSEN · 08340415 4G1,5 mm<sup>2</sup>

SL 834 C 16 AWG/4c 1000V 08341604 **DESINA** AWM Style 20235 80°C CSA AWM I/II A/B 80°C 1000V FT1 FT2 CE

### Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 6
<b>Insulation:</b>	special Polymer
<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>Wrapping:</b>	non-woven tape
<b>Screen:</b>	tinned copper braiding
<b>Sheath material:</b>	PUR
<b>Sheath colour:</b>	orange (RAL 2003)

### Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 0.6/1 kV	
<b>Voltage UL/CSA:</b>	1000 V	
<b>Testing voltage:</b>	core/core	4000 V
	core/screen	2000 V
<b>Min. bending radius</b>		
<i>fixed laying:</i>	5 x d	
<i>flexible application:</i>	10 x d	
<i>continuously flexible:</i>	12 x d	
<b>Temperature range</b>	<b>DIN VDE</b>	<b>UL/CSA:</b> up to +80 °C
<i>fixed laying:</i>	-50/+70 °C	
<i>flexible application:</i>	-40/+70 °C	
<b>Fire performance:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2, UL FT1, CSA FT1 + FT2	
<b>Oil resistance:</b>	very good - TMPU acc. to DIN EN 50363-10-2	
<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	

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### Outstanding features:

- UL recognized, CSA approval
- low capacity construction
- very good EMC characteristics
- halogen-free
- very high flexibility
- suitable for cable tracks
- very good oil resistance
- very long service life
- adhesion-free installation
- labs uncritical  
(labs = enamel moisturing interfering substances)
- flexible at low temperatures
- EAC approval
- DESINA® colours (see page C/4)



for DNC motors  
on frequency  
converters

**DESINA**

item no.	no. of cores x cross section n x mm <sup>2</sup>	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
08340415	4 x 1,50	0,16	9,0	83,5	126
08340425	4 x 2,50	0,16	10,8	142,5	195
08340440	4 x 4,00	0,16	12,4	206,5	270
08340460	4 x 6,00	0,21	15,4	298,1	398
08340470	4 x 10,0	0,21	17,6	494,7	604
08340480	4 x 16,0	0,21	22,7	749,7	953
08340490	4 x 25,0	0,21	25,6	1119,8	1303
08340495	4 x 35,0	0,21	28,9	1532,9	1750
08340496	4 x 50,0	0,31	34,5	2144,5	2486

Other dimensions and colours are possible on request.