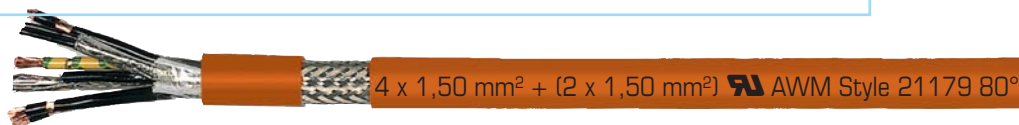




## SL 863 C Low capacity combined PVC motor connection cable with overall copper screen 0,6/1 kV



Marking for SL 863 C 08631415:  
SAB BRÖCKSKES · D-VIERSEN · 08631415 4 x 1,50 mm² + (2 x 1,50 mm²) AWM Style 21179 80°C 1000V CE

### Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
<b>Insulation:</b>	special Polymer
<b>Colour code:</b>	black cores with consecutive numbers acc. to EN 50334 and a green-yellow earth wire supply cores: U1, V2, W3 and a green-yellow earth wire control cores: BR1 and BR2
<b>Stranding:</b>	control cores twisted to pair
<b>Screen:</b>	tinned copper braid
<b>Wrapping:</b>	PETP foil
<b>Stranding:</b>	screened control pair and supply cores twisted together in layer
<b>Wrapping:</b>	PETP foil
<b>Screen:</b>	tinned copper braid
<b>Sheath material:</b>	PVC
<b>Sheath colour:</b>	orange (RAL 2003)

### Outstanding features:

- UL recognized
- very good EMC characteristics
- very good stripping
- low capacity construction
- very good oil resistance
- EAC approval

### Technical data:

<b>Nominal voltage:</b>	supply cores U <sub>0</sub> /U 0.6/1 kV	
<b>Voltage UL:</b>	supply cores 1000 V	
<b>Peak operating voltage:</b>	control cores max. 350 V	
<b>Voltage UL:</b>	control cores 1000 V	
<b>Testing voltage:</b>	supply cores	core/core 4000 V core/screen 4000 V
	control cores	core/core 2000 V core/screen 2000 V
<b>Min. bending radius</b>		
<i>fixed laying:</i>	5 x d	
<i>flexible application:</i>	10 x d	
<b>Temperature range</b>	<b>DIN VDE</b>	<b>UL:</b> up to +80°C
<i>fixed laying:</i>	-30/+70 °C	
<i>flexible application:</i>	+0/+70 °C	
<b>Fire performance:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2, UL FT1	
<b>Oil resistance:</b>	very good - TM5 acc. to DIN VDE 0281 part 1 + HD 21.1	
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page N/17	

item no.	dimensions	AWG		largest single wire ø mm	outer-ø approx. mm	copper figure kg/km	cable weight ≈ kg/km
		supply cores	control cores (pairs)				
08631415	4 x 1,50 + (2 x 1,50)	16 / 4c	16 / 1pr	0,26/0,26	10,4	133,4	178
08631425	4 x 2,50 + (2 x 1,50)	14 / 4c	16 / 1pr	0,26/0,26	12,2	196,7	256
08631440	4 x 4,00 + (2 x 1,50)	12 / 4c	16 / 1pr	0,31/0,26	13,7	260,0	324
08631460	4 x 6,00 + (2 x 1,50)	10 / 4c	16 / 1pr	0,31/0,26	16,2	374,9	472
08631470	4 x 10,00 + (2 x 1,50)	8 / 4c	16 / 1pr	0,41/0,26	18,9	542,3	672
08631480	4 x 16,00 + (2 x 1,50)	6 / 4c	16 / 1pr	0,41/0,26	23,3	802,2	975
08631490	4 x 25,00 + (2 x 1,50)	4 / 4c	16 / 1pr	0,41/0,26	26,7	1178,5	1363
08631495	4 x 35,00 + (2 x 1,50)	2 / 4c	16 / 1pr	0,41/0,26	29,8	1586,4	1789

Other dimensions and colours are possible on request.

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