



Marking for S 200 07741215:

SAB BRÖCKSKES · D-VIERSEN · S 200 12 x 1.5 mm² CE



Construction:

Conductor:	bare copper strands acc. to IEC 60228, VDE 0295, class 6
Insulation:	TPE
Color code:	black conductors with consecutive numbers acc. to EN 50334 + VDE 0293-334, green/yellow ground from 3 conductors
Stranding:	specially adjusted layering with non-woven tape over each layer
Wrapping:	non-woven tape
Jacket material:	PUR, TPU acc. to EN 50363-3 + VDE 0207-363-3-10-2 with matte surface
Jacket color:	gray (RAL 7000)

Outstanding features:

- free from paint wetting impairment substances (PWIS-free)
- flexible at low temperatures
- halogen-free
- travel > 10 m is possible
- high abrasion resistance
- minimal bending radius
- small outer diameter

Technical data:

Nominal voltage:	Uo/U 300/500 V
Testing voltage:	conductor/conductor: 2000 V
Min. bending radius: <i>continuously flexing:</i>	7.5 x O.D.
Radiation resistance:	1 x 10 ⁷ cJ/kg
Temperature range: <i>static:</i> <i>flexing:</i>	-50/+90°C -40/+90°C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Oil resistance:	very good - TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Chemical resistance:	good against acids, alkalines, solvents, hydraulic liquids etc.
Continuous flexibility:	very good
Weather resistance:	very good
Approvals:	CE, EAC, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

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item no.	no. of conductors incl. ground	nominal outer-ø inch mm	cable weight ≈ lbs/mft
► 20 AWG (≈ 28/34) ▪ 0.50 mm ²			
07740205	2	0.193 4.9	19
07740305	3	0.201 5.1	23
07740405	4	0.217 5.5	28
07740505	5	0.236 6.0	34
07740705	7	0.272 6.9	46
07741205	12	0.327 8.3	67
07741805	18	0.390 9.9	96
07742505	25	0.469 11.9	132
07743605	36	0.539 13.7	189
07745005	50	0.634 16.1	256
07746505	65	0.717 18.2	321
► 19 AWG (≈ 42/34) ▪ 0.75 mm ²			
07740207	2	0.213 5.4	24
07740307	3	0.224 5.7	30
07740407	4	0.240 6.1	36
07740507	5	0.264 6.7	45
07740707	7	0.311 7.9	62
07741207	12	0.378 9.6	92
07741807	18	0.445 11.3	136
07742507	25	0.547 13.9	187
07743607	36	0.606 15.4	258
07745007	50	0.724 18.4	355
07746507	65	0.819 20.8	462

item no.	no. of conductors incl. ground	nominal outer-ø inch mm	cable weight ≈ lbs/mft
► 18 AWG (≈ 56/34) ▪ 1.00 mm ²			
07740210	2	0.228 5.8	30
07740310	3	0.240 6.1	36
07740410	4	0.260 6.6	45
07740510	5	0.283 7.2	55
07740710	7	0.339 8.6	78
07741210	12	0.409 10.4	116
07741810	18	0.484 12.3	172
07742510	25	0.594 15.1	237
07743610	36	0.669 17.0	333
07745010	50	0.799 20.3	458
07746510	65	0.902 22.9	595
► 16 AWG (≈ 84/34) ▪ 1.50 mm ²			
07740115	1	0.157 4.0	17
07740215	2	0.252 6.4	38
07740315	3	0.264 6.7	47
07740415	4	0.287 7.3	60
07740515	5	0.315 8.0	74
07740715	7	0.378 9.6	107
07741215	12	0.465 11.8	163
07741815	18	0.559 14.2	243
07742515	25	0.673 17.1	329
07743615	36	0.760 19.3	464
07745015	50	0.906 23.0	638
07746515	65	1.024 26.0	833

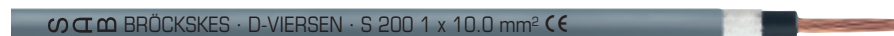
item no.	no. of conductors incl. ground	nominal outer-ø inch mm	cable weight ≈ lbs/mft
► 14 AWG (≈ 140/34) ▪ 2.50 mm ²			
07740125	1	0.185 4.7	26
07740225	2	0.307 7.8	57
07740325	3	0.327 8.3	74
07740425	4	0.362 9.2	95
07740525	5	0.402 10.2	118
07740725	7	0.480 12.2	172
07741225	12	0.606 15.4	268
07741825	18	0.713 18.1	395
07742525	25	0.870 22.1	539
07743625	36	0.976 24.8	758
► 12 AWG (≈ 224/34) ▪ 4.00 mm ²			
07740140	1	0.213 5.4	38
07740240	2	0.366 9.3	87
07740340	3	0.386 9.8	116
07740440	4	0.425 10.8	146
07740540	5	0.476 12.1	180
07740740	7	0.575 14.6	265

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Continuous Flex

S 200

Continuous flex halogen-free polyurethane control cable with extreme temperature range



Marking for S 200 07740161:

SAB BRÖCKSKES · D-VIERSEN · S 200 1 x 10.0 mm² CE



Marking for S 200 07741215:

SAB BRÖCKSKES · D-VIERSEN · S 200 12 x 1.5 mm² CE

item no.	no. of conductors incl. ground	nominal outer-ø inch mm	cable weight ≈lbs/mft
► 10 AWG (≈ 186/32) ▪ 6.00 mm²			
07740160	1	0.240 6.1	51
07740260	2	0.425 10.8	118
07740360	3	0.461 11.7	165
07740460	4	0.504 12.8	212
07740560	5	0.571 14.5	261
07740760	7	0.681 17.3	339
► 8 AWG (≈ 320/32) ▪ 10.00 mm²			
07740161	1	0.280 7.1	81
07740361	3	0.555 14.1	265
07740461	4	0.622 15.8	341
07740561	5	0.677 17.2	410
► 6 AWG (≈ 504/32) ▪ 16.00 mm²			
07740162	1	0.327 8.3	119
07740362	3	0.669 17.0	401
07740462	4	0.748 19.0	525
07740562	5	0.835 21.2	659

item no.	no. of conductors incl. ground	nominal outer-ø inch mm	cable weight ≈lbs/mft
► 4 AWG (≈ 760/32) ▪ 25.00 mm²			
07740163	1	0.390 9.9	177
07740363	3	0.811 20.6	570
07740463	4	0.898 22.8	776
07740563	5	1.000 25.4	913
► 2 AWG (≈ 1083/32) ▪ 35.00 mm²			
07740164	1	0.453 11.5	247
07740464	4	1.039 26.4	1030
07740564	5	1.173 29.8	1273
► 1 AWG (≈ 703/28) ▪ 50.00 mm²			
07740165	1	0.551 14.0	361
07740465	4	1.252 31.8	1523
► 2/0 AWG (≈ 988/28) ▪ 70.00 mm²			
07740166	1	0.657 16.7	507
► 3/0 AWG (≈ 1340/28) ▪ 95.00 mm²			
07740167	1	0.807 20.5	691

item no.	no. of conductors incl. ground	nominal outer-ø inch mm	cable weight ≈lbs/mft
► 4/0 AWG (≈ 1680/28) ▪ 120.00 mm²			
07740168	1	0.846 21.5	847
► 250 MCM (≈ 2122/28) ▪ 150.00 mm²			
07740169	1	0.969 24.6	1087
► 350 MCM (≈ 1472/28) ▪ 185.00 mm²			
07740170	1	1.051 26.7	1305
► 450 MCM (≈ 1910/28) ▪ 240.00 mm²			
07740171	1	1.185 30.1	1668

Other dimensions and colors are available on request



Possible on request:

- single conductor with green/yellow insulation and black outer jacket or 0.6/1 kV