

Control and connection cables

CC 500 P

PUR control cable with numbered cores



Marking for CC 500 P 02601215:

SAB BRÖCKSKES · D-VIERSEN · SAB 260 P CC 500 P 12x1,5mm² CE

| Construction: | |
|-------------------------|--|
| Conductor: | bare copper strands acc. to IEC 60228, VDE 0295, class 5 |
| Insulation: | PVC, TI2 acc. to EN 50363-3 + VDE 0207-363-3 |
| Colour code: | black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334, green-yellow earth wire from 3 cores |
| Stranding: | in layers |
| Inner sheath: | from 4,0 mm ² : PVC, TM2 acc. to EN 50363-4-1 + VDE 0207-363-4-1 |
| Sheath material: | PUR, TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2 with rough surface |
| Sheath colour: | grey (RAL 7000) |

| Technical data: | |
|---------------------------------------|---|
| Nominal voltage: | U ₀ /U 300/500 V |
| Testing voltage: | core/core 2000 V |
| Min. bending radius | |
| <i>fixed laying:</i> | 4 x d |
| <i>flexible application:</i> | 6 x d |
| Radiation resistance: | 5 x 10 ⁷ cJ/kg |
| Temperature range | |
| <i>fixed laying:</i> | -40/+70 °C |
| <i>flexible application:</i> | +5/+70 °C |
| Oil resistance: | very good - TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2 |
| Chem. resistance: | good against acids, alkalines, solvents, hydraulic liquids etc. |
| Absence of harmful substances: | acc. to RoHS directive of the European Union, see chapter N „Technical data“ |

| Outstanding features: | |
|------------------------------|----------------------------|
| | ● oil resistant |
| | ● abrasion resistant |
| | ● notch resistant |
| | ● good chemical resistance |

| item no. | no. of cores x cross section n x mm ² | largest single wire ø mm | outer-ø ± 5% mm | copper figure kg/km | cable weight ≈ kg/km |
|----------|--|--------------------------------|-----------------------|---------------------------|----------------------------|
| 02600207 | 2 x 0,75 | 0,21 | 5,7 | 14,4 | 39 |
| 02600307 | 3 x 0,75 | 0,21 | 5,9 | 21,6 | 51 |
| 02600407 | 4 x 0,75 | 0,21 | 6,4 | 28,8 | 62 |
| 02600507 | 5 x 0,75 | 0,21 | 7,0 | 36,0 | 75 |
| 02600707 | 7 x 0,75 | 0,21 | 7,6 | 50,4 | 95 |
| 02601207 | 12 x 0,75 | 0,21 | 10,4 | 86,4 | 158 |
| 02601807 | 18 x 0,75 | 0,21 | 12,1 | 129,6 | 225 |
| 02602007 | 20 x 0,75 | 0,21 | 12,7 | 144,0 | 248 |
| 02602507 | 25 x 0,75 | 0,21 | 14,8 | 180,0 | 312 |
| 02600210 | 2 x 1,00 | 0,21 | 5,9 | 19,2 | 44 |
| 02600310 | 3 x 1,00 | 0,21 | 6,1 | 28,8 | 59 |
| 02600410 | 4 x 1,00 | 0,21 | 6,6 | 38,4 | 72 |
| 02600510 | 5 x 1,00 | 0,21 | 7,3 | 48,0 | 87 |
| 02600710 | 7 x 1,00 | 0,21 | 7,9 | 67,2 | 112 |
| 02601210 | 12 x 1,00 | 0,21 | 10,8 | 115,2 | 185 |
| 02601810 | 18 x 1,00 | 0,21 | 12,6 | 172,8 | 267 |
| 02602010 | 20 x 1,00 | 0,21 | 13,2 | 192,0 | 294 |
| 02602510 | 25 x 1,00 | 0,21 | 15,4 | 240,0 | 369 |
| 02600215 | 2 x 1,50 | 0,26 | 6,5 | 28,8 | 56 |
| 02600315 | 3 x 1,50 | 0,26 | 6,8 | 43,2 | 76 |
| 02600415 | 4 x 1,50 | 0,26 | 7,4 | 57,6 | 94 |
| 02600515 | 5 x 1,50 | 0,26 | 8,1 | 72,0 | 115 |

| item no. | no. of cores x cross section n x mm ² | largest single wire ø mm | outer-ø ± 5% mm | copper figure kg/km | cable weight ≈ kg/km |
|----------|--|--------------------------------|-----------------------|---------------------------|----------------------------|
| 02600715 | 7 x 1,50 | 0,26 | 8,8 | 100,8 | 148 |
| 02601215 | 12 x 1,50 | 0,26 | 12,1 | 172,8 | 245 |
| 02601815 | 18 x 1,50 | 0,26 | 14,5 | 259,2 | 367 |
| 02602015 | 20 x 1,50 | 0,26 | 15,2 | 288,0 | 404 |
| 02602515 | 25 x 1,50 | 0,26 | 17,3 | 360,0 | 497 |
| 02600225 | 2 x 2,50 | 0,26 | 7,7 | 48,0 | 83 |
| 02600325 | 3 x 2,50 | 0,26 | 8,1 | 72,0 | 115 |
| 02600425 | 4 x 2,50 | 0,26 | 8,8 | 96,0 | 144 |
| 02600525 | 5 x 2,50 | 0,26 | 10,1 | 120,0 | 184 |
| 02600725 | 7 x 2,50 | 0,26 | 11,0 | 168,0 | 238 |
| 02601225 | 12 x 2,50 | 0,26 | 14,9 | 288,0 | 391 |
| 02601825 | 18 x 2,50 | 0,26 | 17,9 | 432,0 | 582 |
| 02602025 | 20 x 2,50 | 0,26 | 18,8 | 480,0 | 636 |
| 02602525 | 25 x 2,50 | 0,26 | 21,8 | 600,0 | 800 |
| 02600340 | 3 x 4,00 | 0,31 | 11,7 | 115,2 | 227 |
| 02600440 | 4 x 4,00 | 0,31 | 12,6 | 153,6 | 275 |
| 02600540 | 5 x 4,00 | 0,31 | 13,7 | 192,0 | 330 |
| 02600360 | 3 x 6,00 | 0,31 | 14,0 | 172,8 | 333 |
| 02600460 | 4 x 6,00 | 0,31 | 15,1 | 230,4 | 404 |
| 02600560 | 5 x 6,00 | 0,31 | 16,4 | 288,0 | 482 |
| 02600461 | 4 x 10,0 | 0,41 | 18,9 | 384,0 | 656 |

Other dimensions and colours are possible on request.