



## Flexible control cables - YSLY 0,6/1 kV

● flame-retardant IEC 60332-1 (equivalent to DIN VDE 0472-804 test method B)



### Technical attributes

|  |   |
|--|---|
| Standards                                  | adapted to DIN VDE 0281   |
| Conductor material                         | Cu, bare  |
| Conductor type                             | flexible  |
| Conductor standard                         | IEC 60228   |
| Conductor category                         | 5   |
| Core insulation                            | PVC   |
| Core colours                               | DIN VDE 0293 black, number-coded, with/without GN/YE-protection conductor |
| Outer sheath                               | PVC-compound type: TM2  |
| Outer sheath colour                        | black   |
| Temperature range min., mobile operation   | -5 °C   |
| Temperature range max., mobile operation   | +80 °C  |
| Temperature range min., fixed installation | -40 °C  |
| Temperature range max., fixed installation | +80 °C  |
| Nominal voltage U <sub>0</sub> /U          | 0,6/1 kV  |
| Test voltage                               | 4000 V  |
| Insulation resistance                      | 13,3 MΩ x km  |
| Minimum bending radius mobile operation    | 7,5 x cable-Ø   |
| Minimum bending radius, fixed installation | 4 x cable-Ø   |
| RoHS-compliant                             | yes   |

### Description

For use on measuring, testing and control purposes to flow and conveyor belts, machine tools, production lines, in iron and steel works and in air conditioning. The cables are suitable for medium stress for flexible use with free movement without tensile stress or forced movements in dry, damp and wet environments. Outdoors (fixed installation).

### Note

- flame-retardant IEC 60332-1 (equivalent to DIN VDE 0472-804 test method B)
- UV-resistant

### Product table

| product number | product name                | Weight ca. [kg] | Cu-weight [per_km] | Outer-Ø ca. [mm] | Outer sheath colour |
|----------------|-----------------------------|-----------------|--------------------|------------------|---------------------|
| 00107023       | YSLY-JZ 4 x 0,5 bk 0,6/1 kV | 98,00           | 19,00              | 7,60             | black               |
| 00107024       | YSLY-JZ 5 x 0,5 bk 0,6/1 kV | 117,00          | 24,00              | 8,20             | black               |
| 00107078       | YSLY-OZ 5 x 0,5 bk 0,6/1 kV | 117,00          | 24,00              | 8,20             | black               |
| 00107025       | YSLY-JZ 12 x 0,5 bk 0,6/1kV | 200,00          | 58,00              | 12,20            | black               |
| 00107055       | YSLY-JZ 25 x 0,5 bk 0,6/1kV | 335,00          | 120,00             | 17,20            | black               |
| 00107056       | YSLY-JZ 32 x 0,5 bk 0,6/1kV | 355,00          | 154,00             | 18,90            | black               |
| 00107057       | YSLY-JZ 34 x 0,5 bk 0,6/1kV | 520,00          | 163,00             | 19,80            | black               |



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|----------------|------------------------------|-----------------|--------------------|------------------|---------------------|
| 00107030       | YSLY-OZ 2 x 0,75 bk 0,6/1kV  | 66,00           | 14,40              | 6,80             | black               |
| 00107017       | YSLY-JZ 3 x 0,75 bk 0,6/1kV  | 108,00          | 21,60              | 6,80             | black               |
| 00107029       | YSLY-OZ 3 x 0,75 bk 0,6/1kV  | 108,00          | 21,60              | 6,80             | black               |
| 00107039       | YSLY-JZ 4 x 0,75 bk 0,6/1kV  | 126,00          | 29,00              | 8,00             | black               |
| 00107079       | YSLY-OZ 4 x 0,75 bk0,6/1kV   | 126,00          | 29,00              | 8,00             | black               |
| 00107033       | YSLY-JZ 5 x 0,75 bk 0,6/1kV  | 140,00          | 36,00              | 8,80             | black               |
| 00107038       | YSLY-JZ 7 x 0,75 bk 0,6/1kV  | 190,00          | 50,00              | 10,70            | black               |
| 00107040       | YSLY-JZ 12 x 0,75 bk 0,6/1kV | 257,00          | 86,00              | 13,10            | black               |
| 00107032       | YSLY-JZ 18 x 0,75 bk 0,6/1kV | 362,00          | 130,00             | 15,60            | black               |
| 00107058       | YSLY-JZ 25 x 0,75 bk 0,6/1kV | 486,00          | 180,00             | 18,90            | black               |
| 00107059       | YSLY-JZ 32 x 0,75 bk 0,6/1kV | 595,00          | 230,00             | 20,50            | black               |
| 00107060       | YSLY-JZ 34 x 0,75 bk 0,6/1kV | 638,00          | 245,00             | 21,50            | black               |
| 00107021       | YSLY-OZ 2 x 1 bk 0,6/1kV     | 80,00           | 19,20              | 7,40             | black               |
| 00107020       | YSLY-JZ 3 x 1 bk 0,6/1kV     | 90,00           | 29,00              | 8,00             | black               |
| 00107065       | YSLY-OZ 3 x 1 bk 0,6/1kV     | 90,00           | 29,00              | 8,00             | black               |
| 00107022       | YSLY-JZ 4 x 1 bk 0,6/1kV     | 100,00          | 38,40              | 8,80             | black               |
| 00107094       | YSLY-OZ 4 x 1 bk 0,6/1kV     | 100,00          | 38,40              | 8,80             | black               |
| 00107015       | YSLY-JZ 5 x 1 bk 0,6/1kV     | 130,00          | 48,00              | 9,80             | black               |
| 00107018       | YSLY-JZ 7 x 1 bk 0,6/1kV     | 170,00          | 67,00              | 11,70            | black               |
| 00107051       | YSLY-JZ 8 x 1 bk 0,6/1kV     | 230,00          | 77,00              | 12,80            | black               |
| 00107066       | YSLY-JZ 10 x 1 bk 0,6/1kV    | 270,00          | 96,00              | 14,10            | black               |
| 00107014       | YSLY-JZ 12 x 1 bk 0,6/1kV    | 290,00          | 115,00             | 14,50            | black               |
| 00107050       | YSLY-JZ 14 x 1 bk 0,6/1kV    | 320,00          | 134,00             | 15,50            | black               |
| 00107045       | YSLY-JZ 18 x 1 bk 0,6/1kV    | 405,00          | 173,00             | 17,30            | black               |
| 00107049       | YSLY-JZ 25 x 1 bk 0,6/1kV    | 570,00          | 240,00             | 21,10            | black               |
| 00107061       | YSLY-JZ 34 x 1 bk 0,6/1kV    | 750,00          | 326,00             | 24,00            | black               |
| 00107028       | YSLY-OZ 2 x 1,5 bk 0,6/1kV   | 95,00           | 29,00              | 8,40             | black               |
| 00107016       | YSLY-JZ 3 x 1,5 bk 0,6/1kV   | 110,00          | 43,00              | 9,10             | black               |
| 00107001       | YSLY-JZ 4 x 1,5 bk 0,6/1kV   | 141,00          | 58,00              | 9,90             | black               |



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|----------------|-----------------------------|-----------------|--------------------|------------------|---------------------|
| 00107002       | YSLY-JZ 5 x 1,5 bk 0,6/1kV  | 170,00          | 72,00              | 11,00            | black               |
| 00107003       | YSLY-JZ 7 x 1,5 bk 0,6/1kV  | 225,00          | 101,00             | 13,30            | black               |
| 00107067       | YSLY-JZ 10 x 1,5 bk 0,6/1kV | 300,00          | 144,00             | 15,90            | black               |
| 00107026       | YSLY-JZ 12 x 1,5 bk 0,6/1kV | 370,00          | 173,00             | 16,60            | black               |
| 00107005       | YSLY-JZ 14 x 1,5 bk 0,6/1kV | 400,00          | 202,00             | 17,40            | black               |
| 00107047       | YSLY-JZ 18 x 1,5 bk 0,6/1kV | 520,00          | 259,00             | 19,70            | black               |
| 00107027       | YSLY-JZ 25 x 1,5 bk 0,6/1kV | 730,00          | 360,00             | 23,90            | black               |
| 00107031       | YSLY-JZ 32 x 1,5 bk 0,6/1kV | 880,00          | 461,00             | 26,00            | black               |
| 00107037       | YSLY-JZ 34 x 1,5 bk 0,6/1kV | 950,00          | 490,00             | 27,20            | black               |
| 00107044       | YSLY-JZ 42 x 1,5 bk 0,6/1kV | 1120,00         | 605,00             | 29,50            | black               |
| 00107073       | YSLY-JZ 50 x 1,5 bk 0,6/1kV | 1450,00         | 720,00             | 29,80            | black               |
| 00107068       | YSLY-OZ 2 x 2,5 bk 0,6/1kV  | 112,00          | 48,00              | 8,30             | black               |
| 00107046       | YSLY-JZ 3 x 2,5 bk 0,6/1kV  | 175,00          | 72,00              | 9,90             | black               |
| 00107006       | YSLY-JZ 4 x 2,5 bk 0,6/1kV  | 203,00          | 96,00              | 11,10            | black               |
| 00107042       | YSLY-JZ 5 x 2,5 bk 0,6/1kV  | 251,00          | 120,00             | 12,40            | black               |
| 00107007       | YSLY-JZ 7 x 2,5 bk 0,6/1kV  | 330,00          | 168,00             | 15,00            | black               |
| 00107043       | YSLY-JZ 12 x 2,5 bk 0,6/1kV | 553,00          | 288,00             | 18,40            | black               |
| 00107048       | YSLY-JZ 18 x 2,5 bk 0,6/1kV | 795,00          | 432,00             | 22,00            | black               |
| 00107062       | YSLY-JZ 25 x 2,5 bk 0,6/1kV | 1110,00         | 600,00             | 26,90            | black               |
| 00107063       | YSLY-JZ 34 x 2,5 bk 0,6/1kV | 1450,00         | 816,00             | 30,40            | black               |
| 00107013       | YSLY-OZ 2 x 4 bk 0,6/1kV    | 180,00          | 77,00              | 11,40            | black               |
| 00107077       | YSLY-JZ 3 x 4 bk 0,6/1kV    | 230,00          | 115,00             | 12,30            | black               |
| 00107008       | YSLY-JZ 4 x 4 bk 0,6/1kV    | 310,00          | 154,00             | 13,80            | black               |
| 00107041       | YSLY-JZ 5 x 4 bk 0,6/1kV    | 410,00          | 192,00             | 15,30            | black               |
| 00107009       | YSLY-JZ 7 x 4 bk 0,6/1kV    | 540,00          | 269,00             | 16,80            | black               |
| 00107070       | YSLY-JZ 1 x 6 bk 0,6/1kV    | 118,00          | 58,00              | 7,80             | black               |
| 00107010       | YSLY-JZ 4 x 6 bk 0,6/1kV    | 430,00          | 230,00             | 15,60            | black               |
| 00107034       | YSLY-JZ 5 x 6 bk 0,6/1kV    | 650,00          | 288,00             | 17,30            | black               |
| 00107075       | YSLY-JZ 5 x 10 bk 0,6/1kV   | 960,00          | 480,00             | 20,50            | black               |
| 00107011       | YSLY-JZ 4 x 10 bk 0,6/1kV   | 790,00          | 384,00             | 18,60            | black               |
| 00107071       | YSLY-JZ 1 x 16 bk 0,6/1kV   | 250,00          | 154,00             | 10,00            | black               |
| 00107012       | YSLY-JZ 4 x 16 bk 0,6/1kV   | 1100,00         | 614,00             | 21,50            | black               |
| 00107019       | YSLY-JZ 5 x 16 bk 0,6/1kV   | 1600,00         | 768,00             | 24,10            | black               |



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|----------------|----------------------------|-----------------|--------------------|------------------|---------------------|
| 00107069       | YSLY-JZ 4 x 25 bk 0,6/1kV  | 1600,00         | 960,00             | 26,90            | black               |
| 00107074       | YSLY-JZ 5 x 25 bk 0,6/1kV  | 2050,00         | 1200,00            | 30,30            | black               |
| 00107036       | YSLY-JZ 4 x 35 bk 0,6/1kV  | 2400,00         | 1344,00            | 29,40            | black               |
| 00107064       | YSLY-JZ 4 x 50 bk 0,6/1kV  | 2930,00         | 1920,00            | 35,80            | black               |
| 00107035       | YSLY-JZ 4 x 70 bk 0,6/1kV  | 4400,00         | 2688,00            | 41,00            | black               |
| 00107076       | YSLY-JZ 4 x 95 bk 0,6/1kV  | 6010,00         | 3648,00            | 48,00            | black               |
| 00107080       | YSLY-JZ 4 x 150 bk 0,6/1kV | 8640,00         | 5760,00            | 61,30            | black               |

