

## Spiral energy cables FS-05VQ-F, PUR sheathed



### Technical data:

|                             |                |
|-----------------------------|----------------|
| Rated voltage $U_0/U$       | 300/500 [V]    |
| Test voltage                | 2000 [V]       |
| Operating temperature range | +5 to +70 [°C] |

### Cable construction:

Conductors: stranded thin copper wires, class 5 acc. to IEC 60228

Insulation: PVC T12 class acc. to EN 50363-3

Colours of cores:

2-core cables: blue, brown

3-core cables: yellow-green, blue, brown

Outer sheath: polyurethane type TMPU (PUR ether) acc. to EN 50363-10-2

### Additional qualities:

Good extensibility of the spiral part (tensile ratio 1:3,5)

Good resistance to oils, microbes and hydrolysis

Flame propagation resistance acc. to EN 60332-1-2

### Application:

For domestic and office use

For ordinary duty applications

In household appliances

Possibly for use in damp premises

Short-term outdoor use

### Normative references:

ZN-15/SIM/15 based on EN 50525-2-12

| Catalogue number | No. of cores x cross-section [n x mm <sup>2</sup> ] | Cable diameter | Outer diameter of the spiral | Length of spiral part, unextended [mm] | Suggested max. extension length of the spiral part [mm] | Straight ends length | Colour |
|------------------|---|----------------|------------------------------|--|---|----------------------|--------|
|                  |   | (+/-0,1)mm     | (+/-2)mm                     |  |   | (+20mm / +20mm)      |        |
| SPT00001B        | 2x0,75  | 6,6            | 24                           | 100(+/-20)                             | 350   | 300 / 300            | white  |
| SPT00002B        | 2x0,75  | 6,6            | 24                           | 200(+/-20)                             | 700   | 300 / 300            | white  |
| SPT00003B        | 2x0,75  | 6,6            | 24                           | 300(+/-20)                             | 1050  | 300 / 300            | white  |
| SPT00004B        | 2x0,75  | 6,6            | 24                           | 500(+/-20)                             | 1750  | 300 / 300            | white  |
| SPT00005B        | 2x0,75  | 6,6            | 24                           | 800(+/-20)                             | 2800  | 300 / 300            | white  |
| SPT00006B        | 2x0,75  | 6,6            | 24                           | 1000(+/-30)                            | 3500  | 300 / 300            | white  |
| SPT00007B        | 2x0,75  | 6,6            | 24                           | 1500(+/-50)                            | 5250  | 300 / 300            | white  |
| SPT00008B        | 2x1   | 7,0            | 25                           | 100(+/-20)                             | 350   | 300 / 300            | white  |
| SPT00009B        | 2x1   | 7,0            | 25                           | 200(+/-20)                             | 700   | 300 / 300            | white  |
| SPT00010B        | 2x1   | 7,0            | 25                           | 300(+/-20)                             | 1050  | 300 / 300            | white  |
| SPT00011B        | 2x1   | 7,0            | 25                           | 500(+/-20)                             | 1750  | 300 / 300            | white  |
| SPT00012B        | 2x1   | 7,0            | 25                           | 800(+/-20)                             | 2800  | 300 / 300            | white  |
| SPT00013B        | 2x1   | 7,0            | 25                           | 1000(+/-30)                            | 3500  | 300 / 300            | white  |
| SPT00014B        | 2x1   | 7,0            | 25                           | 1500(+/-50)                            | 5250  | 300 / 300            | white  |
| SPT00015B        | 2x1,5   | 8,0            | 27                           | 100(+/-20)                             | 350   | 300 / 300            | white  |
| SPT00016B        | 2x1,5   | 8,0            | 27                           | 200(+/-20)                             | 700   | 300 / 300            | white  |
| SPT00017B        | 2x1,5   | 8,0            | 27                           | 300(+/-20)                             | 1050  | 300 / 300            | white  |
| SPT00018B        | 2x1,5   | 8,0            | 27                           | 500(+/-20)                             | 1750  | 300 / 300            | white  |
| SPT00019B        | 2x1,5   | 8,0            | 27                           | 800(+/-20)                             | 2800  | 300 / 300            | white  |
| SPT00020B        | 2x1,5   | 8,0            | 27                           | 1000(+/-30)                            | 3500  | 300 / 300            | white  |
| SPT00021B        | 2x1,5   | 8,0            | 27                           | 1500(+/-50)                            | 5250  | 300 / 300            | white  |
| SPT00022B        | 3x0,75  | 7,15           | 25                           | 100(+/-20)                             | 350   | 300 / 300            | white  |
| SPT00023B        | 3x0,75  | 7,15           | 25                           | 200(+/-20)                             | 700   | 300 / 300            | white  |
| SPT00024B        | 3x0,75  | 7,15           | 25                           | 300(+/-20)                             | 1050  | 300 / 300            | white  |
| SPT00025B        | 3x0,75  | 7,15           | 25                           | 500(+/-20)                             | 1750  | 300 / 300            | white  |
| SPT00026B        | 3x0,75  | 7,15           | 25                           | 800(+/-20)                             | 2800  | 300 / 300            | white  |
| SPT00027B        | 3x0,75  | 7,15           | 25                           | 1000(+/-30)                            | 3500  | 300 / 300            | white  |
| SPT00028B        | 3x0,75  | 7,15           | 25                           | 1500(+/-50)                            | 5250  | 300 / 300            | white  |
| SPT00029B        | 3x1   | 7,5            | 26                           | 100(+/-20)                             | 350   | 300 / 300            | white  |
| SPT00030B        | 3x1   | 7,5            | 26                           | 200(+/-20)                             | 700   | 300 / 300            | white  |
| SPT00031B        | 3x1   | 7,5            | 26                           | 300(+/-20)                             | 1050  | 300 / 300            | white  |
| SPT00032B        | 3x1   | 7,5            | 26                           | 500(+/-20)                             | 1750  | 300 / 300            | white  |
| SPT00033B        | 3x1   | 7,5            | 26                           | 800(+/-20)                             | 2800  | 300 / 300            | white  |
| SPT00034B        | 3x1   | 7,5            | 26                           | 1000(+/-30)                            | 3500  | 300 / 300            | white  |
| SPT00035B        | 3x1   | 7,5            | 26                           | 1500(+/-50)                            | 5250  | 300 / 300            | white  |
| SPT00036B        | 3x1,5   | 8,2            | 27                           | 100(+/-20)                             | 350   | 300 / 300            | white  |
| SPT00037B        | 3x1,5   | 8,2            | 27                           | 200(+/-20)                             | 700   | 300 / 300            | white  |
| SPT00038B        | 3x1,5   | 8,2            | 27                           | 300(+/-20)                             | 1050  | 300 / 300            | white  |
| SPT00039B        | 3x1,5   | 8,2            | 27                           | 500(+/-20)                             | 1750  | 300 / 300            | white  |
| SPT00040B        | 3x1,5   | 8,2            | 27                           | 800(+/-20)                             | 2800  | 300 / 300            | white  |
| SPT00041B        | 3x1,5   | 8,2            | 27                           | 1000(+/-30)                            | 3500  | 300 / 300            | white  |
| SPT00042B        | 3x1,5   | 8,2            | 27                           | 1500(+/-50)                            | 5250  | 300 / 300            | white  |

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