

## 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 TPU (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	Lenght of spiral part, unextended [mm]	Suggested max. extension lenght of the spiral part [mm]	Straight ends lenght	Colour
		(+/-0,1)mm	(+/-2)mm			(+20mm / +20mm)	
SPT00001C	2x0,75	6,6	24	100(+/-20)	350	300 / 300	black
SPT00002C	2x0,75	6,6	24	200(+/-20)	700	300 / 300	black
SPT00003C	2x0,75	6,6	24	300(+/-20)	1050	300 / 300	black
SPT00004C	2x0,75	6,6	24	500(+/-20)	1750	300 / 300	black
SPT00005C	2x0,75	6,6	24	800(+/-20)	2800	300 / 300	black
SPT00006C	2x0,75	6,6	24	1000(+/-30)	3500	300 / 300	black
SPT00007C	2x0,75	6,6	24	1500(+/-50)	5250	300 / 300	black
SPT00008C	2x1	7,0	25	100(+/-20)	350	300 / 300	black
SPT00009C	2x1	7,0	25	200(+/-20)	700	300 / 300	black
SPT00010C	2x1	7,0	25	300(+/-20)	1050	300 / 300	black
SPT00011C	2x1	7,0	25	500(+/-20)	1750	300 / 300	black
SPT00012C	2x1	7,0	25	800(+/-20)	2800	300 / 300	black
SPT00013C	2x1	7,0	25	1000(+/-30)	3500	300 / 300	black
SPT00014C	2x1	7,0	25	1500(+/-50)	5250	300 / 300	black
SPT00015C	2x1,5	8,0	27	100(+/-20)	350	300 / 300	black
SPT00016C	2x1,5	8,0	27	200(+/-20)	700	300 / 300	black
SPT00017C	2x1,5	8,0	27	300(+/-20)	1050	300 / 300	black
SPT00018C	2x1,5	8,0	27	500(+/-20)	1750	300 / 300	black
SPT00019C	2x1,5	8,0	27	800(+/-20)	2800	300 / 300	black
SPT00020C	2x1,5	8,0	27	1000(+/-30)	3500	300 / 300	black
SPT00021C	2x1,5	8,0	27	1500(+/-50)	5250	300 / 300	black
SPT00022C	3x0,75	7,15	25	100(+/-20)	350	300 / 300	black
SPT00023C	3x0,75	7,15	25	200(+/-20)	700	300 / 300	black
SPT00024C	3x0,75	7,15	25	300(+/-20)	1050	300 / 300	black
SPT00025C	3x0,75	7,15	25	500(+/-20)	1750	300 / 300	black
SPT00026C	3x0,75	7,15	25	800(+/-20)	2800	300 / 300	black
SPT00027C	3x0,75	7,15	25	1000(+/-30)	3500	300 / 300	black
SPT00028C	3x0,75	7,15	25	1500(+/-50)	5250	300 / 300	black
SPT00029C	3x1	7,5	26	100(+/-20)	350	300 / 300	black
SPT00030C	3x1	7,5	26	200(+/-20)	700	300 / 300	black
SPT00031C	3x1	7,5	26	300(+/-20)	1050	300 / 300	black
SPT00032C	3x1	7,5	26	500(+/-20)	1750	300 / 300	black
SPT00033C	3x1	7,5	26	800(+/-20)	2800	300 / 300	black
SPT00034C	3x1	7,5	26	1000(+/-30)	3500	300 / 300	black
SPT00035C	3x1	7,5	26	1500(+/-50)	5250	300 / 300	black
SPT00036C	3x1,5	8,2	27	100(+/-20)	350	300 / 300	black
SPT00037C	3x1,5	8,2	27	200(+/-20)	700	300 / 300	black
SPT00038C	3x1,5	8,2	27	300(+/-20)	1050	300 / 300	black
SPT00039C	3x1,5	8,2	27	500(+/-20)	1750	300 / 300	black
SPT00040C	3x1,5	8,2	27	800(+/-20)	2800	300 / 300	black
SPT00041C	3x1,5	8,2	27	1000(+/-30)	3500	300 / 300	black
SPT00042C	3x1,5	8,2	27	1500(+/-50)	5250	300 / 300	black