

## Spiral power cables

### Uni-Schuko CEE 7/7 plug on FS-05VV-F cable with PVC sheath



#### Technical specification of the plug:

Uni-Schuko CEE 7/7 angled plug (type E/F), non-rewirable, with a double protective contact system  
Operating voltage: 250V  
Ingress protection class: IP 20  
Plug housing material: PVC  
Rated current: according to the table, depending on the cable length  
Standard and requirements: based on PN-IEC 60884-1

#### Technical specification of the cable:

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

#### Cable construction:

Copper conductors, stranded, class 5 acc. to IEC 60228  
Insulation of cores: PVC TI2 class acc. to EN 50363-3  
Colours of cores: yellow-green, blue, brown  
Outer sheath: PVC TM2 class acc. to EN 50363-4

### Additional qualities:

Flame propagation resistance acc. to EN 60332-1-2  
Extensibility of the spiral part (tensile ratio) 1:2

### Application:

For domestic and office use  
In household appliances  
For fixed and portable devices requiring normal operating conditions

### Safety of use:

Due to the elastic effect of the spiral part, which may cause undesirable stresses in the connected components, the following limitations must be observed:

- the distance of the cable connection point in the appliance from the plug socket should not exceed **the length of the connection in free state + 1x the length of the spiral part**
- the connected appliance should be positioned so that the power cable is approximately parallel to the front surface of the plug socket
- the user is obliged to properly secure the cable to the appliance in a way that prevents its forced withdrawn

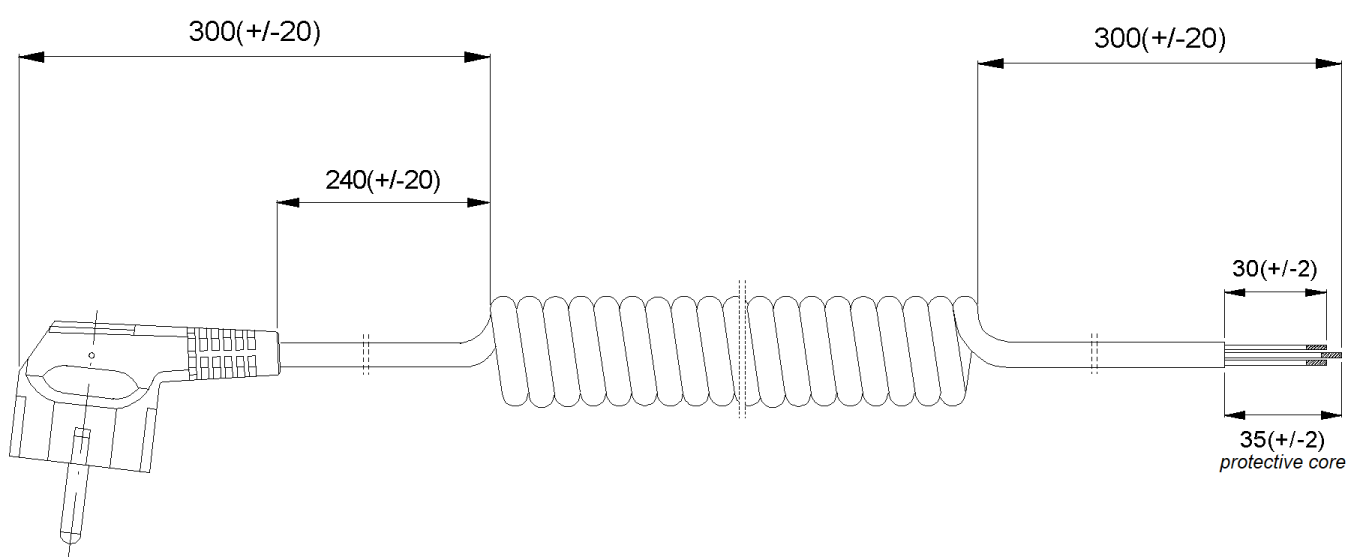
The correct installation of the plug socket should be checked before connecting the appliance

### Positions of the ends of the spiral:

Axially

### Termination of the other end of spiral:

The end of the cable is prepared for connecting to the appliance - the cores are terminated with KZ-type crimp connectors (~6,3mm), the yellow-green (protective) core is extended



Length of the spiral part: according to the table

Other types of cable endings: available upon request

| Catalogue number | No. of cores<br>x cross-section<br>[n x mm <sup>2</sup> ] | Cable<br>diameter<br><br>(+/-0,1)mm | Outer<br>diameter<br>of the spiral<br><br>(+/-2)mm | Length<br>of spiral part,<br>unextended<br>[mm] | Suggested max.<br>extension length of<br>the spiral part<br>[mm] | Straight ends<br>length<br><br>(+/-20mm) | Current<br>max.<br>[A] | Colour |
|------------------|-----------------------------------------------------------|-------------------------------------|----------------------------------------------------|-------------------------------------------------|------------------------------------------------------------------|------------------------------------------|------------------------|--------|
| WTT00021C        | 3x0,75                                                    | 6,5                                 | 24                                                 | 100(+/-20)                                      | 200                                                              | 300 / 300                                | 16                     | black  |
| WTT00022C        | 3x0,75                                                    | 6,5                                 | 24                                                 | 200(+/-20)                                      | 400                                                              | 300 / 300                                | 16                     | black  |
| WTT00023C        | 3x0,75                                                    | 6,5                                 | 24                                                 | 300(+/-20)                                      | 600                                                              | 300 / 300                                | 16                     | black  |
| WTT00024C        | 3x0,75                                                    | 6,5                                 | 24                                                 | 500(+/-20)                                      | 1000                                                             | 300 / 300                                | 16                     | black  |
| WTT00025C        | 3x0,75                                                    | 6,5                                 | 24                                                 | 800(+/-20)                                      | 1600                                                             | 300 / 300                                | 10                     | black  |
| WTT00026C        | 3x1                                                       | 7,2                                 | 25                                                 | 100(+/-20)                                      | 200                                                              | 300 / 300                                | 16                     | black  |
| WTT00027C        | 3x1                                                       | 7,2                                 | 25                                                 | 200(+/-20)                                      | 400                                                              | 300 / 300                                | 16                     | black  |
| WTT00028C        | 3x1                                                       | 7,2                                 | 25                                                 | 300(+/-20)                                      | 600                                                              | 300 / 300                                | 16                     | black  |
| WTT00029C        | 3x1                                                       | 7,2                                 | 25                                                 | 500(+/-20)                                      | 1000                                                             | 300 / 300                                | 16                     | black  |
| WTT00030C        | 3x1                                                       | 7,2                                 | 25                                                 | 800(+/-20)                                      | 1600                                                             | 300 / 300                                | 16                     | black  |
| WTT00031C        | 3x1                                                       | 7,2                                 | 25                                                 | 1000(+/-30)                                     | 2000                                                             | 300 / 300                                | 10                     | black  |
| WTT00032C        | 3x1,5                                                     | 8,2                                 | 27                                                 | 100(+/-20)                                      | 200                                                              | 300 / 300                                | 16                     | black  |
| WTT00033C        | 3x1,5                                                     | 8,2                                 | 27                                                 | 200(+/-20)                                      | 400                                                              | 300 / 300                                | 16                     | black  |
| WTT00034C        | 3x1,5                                                     | 8,2                                 | 27                                                 | 300(+/-20)                                      | 600                                                              | 300 / 300                                | 16                     | black  |
| WTT00035C        | 3x1,5                                                     | 8,2                                 | 27                                                 | 500(+/-20)                                      | 1000                                                             | 300 / 300                                | 16                     | black  |
| WTT00036C        | 3x1,5                                                     | 8,2                                 | 27                                                 | 800(+/-20)                                      | 1600                                                             | 300 / 300                                | 16                     | black  |
| WTT00037C        | 3x1,5                                                     | 8,2                                 | 27                                                 | 1000(+/-30)                                     | 2000                                                             | 300 / 300                                | 16                     | black  |
| WTT00038C        | 3x1,5                                                     | 8,2                                 | 27                                                 | 1500(+/-50)                                     | 3000                                                             | 300 / 300                                | 10                     | black  |

*Other lengths of the spiral part and/or straight ends: to be agreed*