

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- the user is obliged to properly secure the cable to the appliance in a way that prevents its forced withdrawn

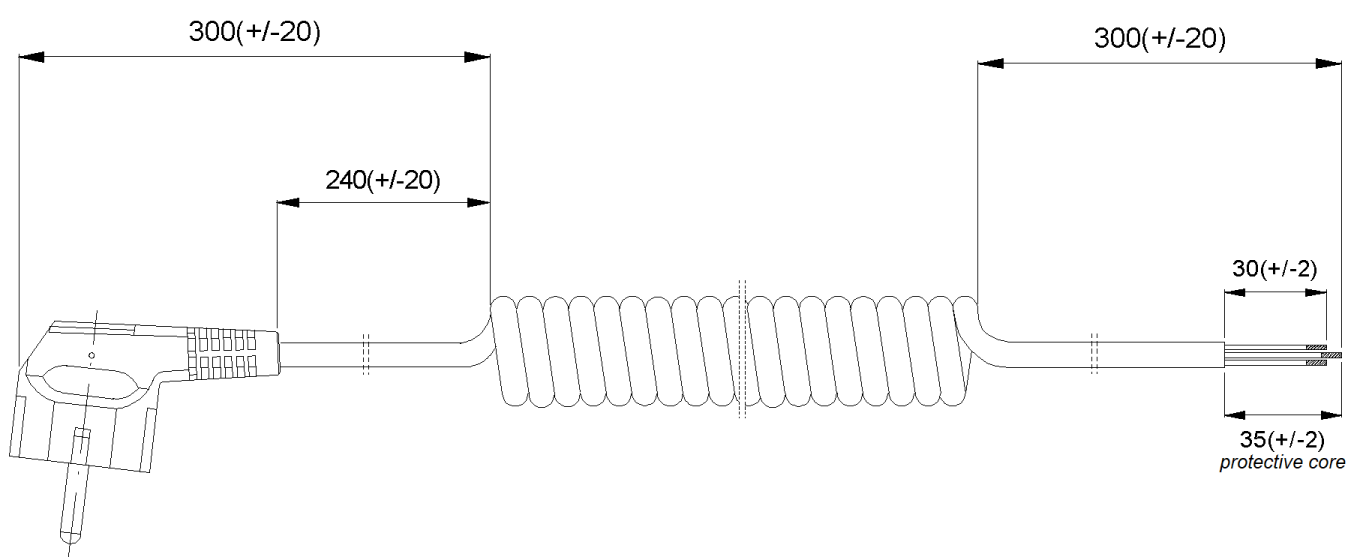
The correct installation of the plug socket should be checked before connecting the appliance

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 x cross-section [n x mm ²]	Cable diameter (+/-0,1)mm	Outer diameter of the spiral (+/-2)mm	Length of spiral part, unextended [mm]	Suggested max. extension length of the spiral part [mm]	Straight ends length (+/-20mm)	Current max. [A]	Colour
WTT00021B	3x0,75	6,5	24	100(+/-20)	200	300 / 300	16	white
WTT00022B	3x0,75	6,5	24	200(+/-20)	400	300 / 300	16	white
WTT00023B	3x0,75	6,5	24	300(+/-20)	600	300 / 300	16	white
WTT00024B	3x0,75	6,5	24	500(+/-20)	1000	300 / 300	16	white
WTT00025B	3x0,75	6,5	24	800(+/-20)	1600	300 / 300	10	white
WTT00026B	3x1	7,2	25	100(+/-20)	200	300 / 300	16	white
WTT00027B	3x1	7,2	25	200(+/-20)	400	300 / 300	16	white
WTT00028B	3x1	7,2	25	300(+/-20)	600	300 / 300	16	white
WTT00029B	3x1	7,2	25	500(+/-20)	1000	300 / 300	16	white
WTT00030B	3x1	7,2	25	800(+/-20)	1600	300 / 300	16	white
WTT00031B	3x1	7,2	25	1000(+/-30)	2000	300 / 300	10	white
WTT00032B	3x1,5	8,2	27	100(+/-20)	200	300 / 300	16	white
WTT00033B	3x1,5	8,2	27	200(+/-20)	400	300 / 300	16	white
WTT00034B	3x1,5	8,2	27	300(+/-20)	600	300 / 300	16	white
WTT00035B	3x1,5	8,2	27	500(+/-20)	1000	300 / 300	16	white
WTT00036B	3x1,5	8,2	27	800(+/-20)	1600	300 / 300	16	white
WTT00037B	3x1,5	8,2	27	1000(+/-30)	2000	300 / 300	16	white
WTT00038B	3x1,5	8,2	27	1500(+/-50)	3000	300 / 300	10	white

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