

Spiral power cables

Uni-Schuko CEE 7/7 plug on FS-05VQ-F cable with PUR insulation



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

Additional qualities:

Good resistance of the cable to oils, microbes and hydrolysis
Flame propagation resistance acc. to EN 60332-1-2
Extensibility of the spiral part (tensile ratio) 1:2,5

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 + 1.5x 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- the user is obliged to properly secure the cable to the appliance in a way that prevents its forced withdrawn

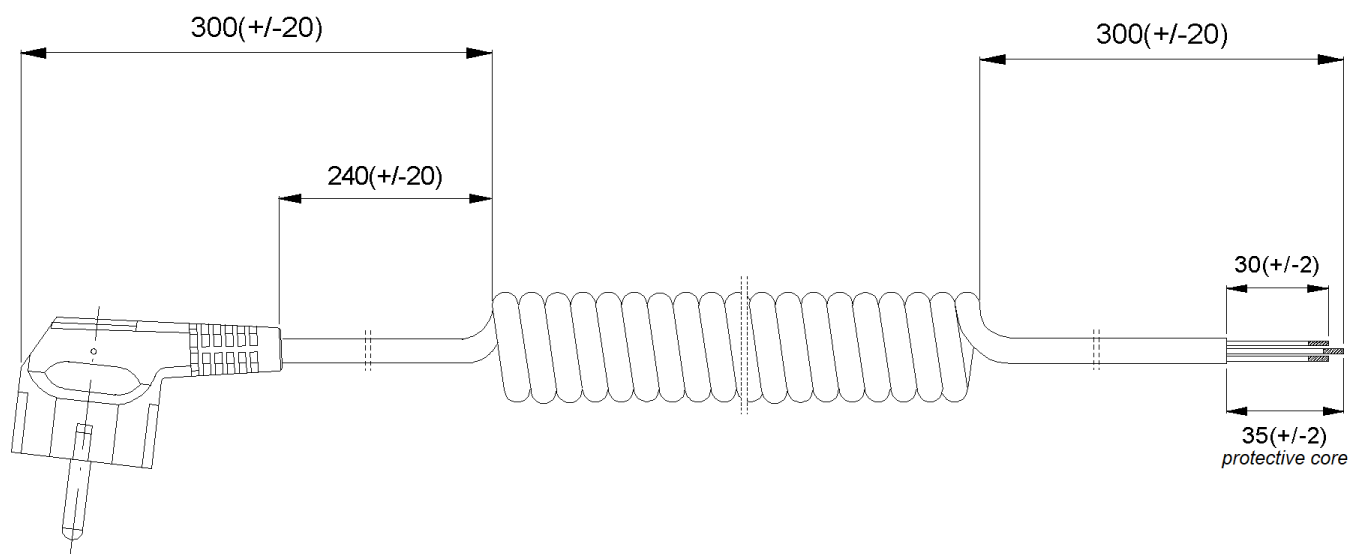
The correct installation of the plug socket should be checked before connecting the appliance

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
WTT00001C	3x0,75	7,15	25	100(+/-20)	250	300 / 300	16	black
WTT00002C	3x0,75	7,15	25	200(+/-20)	500	300 / 300	16	black
WTT00003C	3x0,75	7,15	25	300(+/-20)	750	300 / 300	16	black
WTT00004C	3x0,75	7,15	25	500(+/-20)	1250	300 / 300	16	black
WTT00005C	3x0,75	7,15	25	800(+/-20)	2000	300 / 300	10	black
WTT00006C	3x1	7,5	26	100(+/-20)	250	300 / 300	16	black
WTT00007C	3x1	7,5	26	200(+/-20)	500	300 / 300	16	black
WTT00008C	3x1	7,5	26	300(+/-20)	750	300 / 300	16	black
WTT00009C	3x1	7,5	26	500(+/-20)	1250	300 / 300	16	black
WTT00010C	3x1	7,5	26	800(+/-20)	2000	300 / 300	16	black
WTT00011C	3x1	7,5	26	1000(+/-30)	2500	300 / 300	10	black
WTT00012C	3x1,5	8,2	27	100(+/-20)	250	300 / 300	16	black
WTT00013C	3x1,5	8,2	27	200(+/-20)	500	300 / 300	16	black
WTT00014C	3x1,5	8,2	27	300(+/-20)	750	300 / 300	16	black
WTT00015C	3x1,5	8,2	27	500(+/-20)	1250	300 / 300	16	black
WTT00016C	3x1,5	8,2	27	800(+/-20)	2000	300 / 300	16	black
WTT00017C	3x1,5	8,2	27	1000(+/-30)	2500	300 / 300	16	black
WTT00018C	3x1,5	8,2	27	1500(+/-50)	3750	300 / 300	10	black

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