

ELEKTRA VCD HEATING CABLE

Series resistant double conductor cable

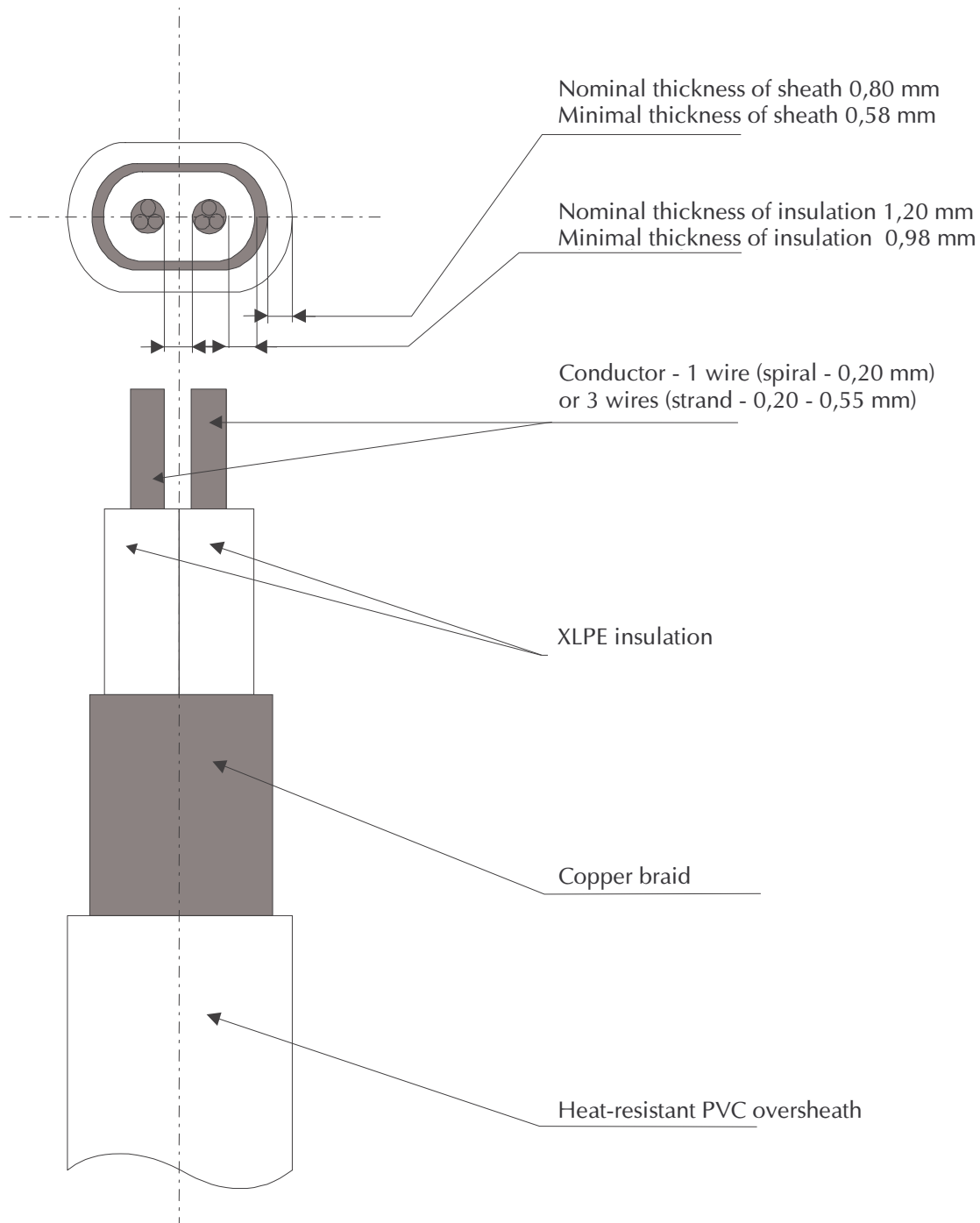
Introduction

The VCD heating cable is designed for all purpose use, applications for underfloor heating. The XLPE insulation and PVC outer sheath are extremely resistant to concrete, water and soil.

Technical specification

Construction:	Heating conductor (spiral in VCSD type and strand in VCD type): - XLPE insulation - Copper braid - PVC outer sheath Cold tails (H05VV-F 3x1,5 or 3x2,5 mm ²)
Conductor form:	Flat
Dimension:	from 5,2 mm x 7,2 mm to 6,4 mm x 8,8 mm
Resistance range:	100 Ω/m to 0,10 Ω/m
Nominal power rating:	Standard: 10 W/m, 17 W/m and 25 W/m
Max. operating temperature:	80 °C
Peak withstand temperature:	105 °C
Nominal voltage:	300/500 V AC
Test (dielectric) voltage:	2500 V AC
Standard (heating cable):	IEC Publication 800
Standard (heating set):	EN 60335-1

Construction



Technical data

10 W/m 230V

Type	Type of cable	Resistance	Length	Output
		Ω/m	m	W
VCD 10/70	VCSD-2	100,0	7	70
VCD 10/90	VCSD-3	64,0	9	90
VCD 10/110	VCSD-4	44,8	11	110
VCD 10/130	VCD-0	29,6	13	130
VCD 10/170	VCD-1	19,04	17	170
VCD 10/200	VCD-2	13,22	20	200
VCD 10/230	VCD-3	9,70	23	230
VCD 10/260	VCD-4	7,42	26	260
VCD 10/310	VCD-5	5,26	31	310
VCD 10/360	VCD-6	3,92	36	360
VCD 10/410	VCD-7	3,04	41	410
VCD 10/460	VCD-8	2,48	46	460
VCD 10/550	VCD-9	1,65	55	550
VCD 10/710	VCD-10	1,08	71	710
VCD 10/900	VCD-11	0,652	90	900
VCD 10/1100	VCD-11A	0,434	110	1100
VCD 10/1220	VCD-12	0,358	122	1220
VCD 10/1470	VCD-13	0,252	147	1470
VCD 10/1560	VCD-14	0,216	156	1560
VCD 10/1730	VCD-15	0,176	173	1730
VCD 10/1900	VCD-16	0,146	190	1900
VCD 10/2070	VCD-17	0,124	207	2070
VCD 10/2250	VCD-18	0,105	225	2250

Values may vary by up to 5%.

Technical data

17 W/m 230V

Type	Type of cable	Resistance Ω/m	Length m	Output W
VCD 17/100	VCSD-2	100,0	6	100
VCD 17/135	VCSD-4	44,8	8	135
VCD 17/170	VCD-0	29,6	10	170
VCD 17/220	VCD-1	19,04	13	220
VCD 17/255	VCD-2	13,22	15	255
VCD 17/285	VCD-3	9,70	17	285
VCD 17/340	VCD-4	7,42	20	340
VCD 17/390	VCD-5	5,26	23	390
VCD 17/460	VCD-6	3,92	27	460
VCD 17/530	VCD-7	3,04	31	530
VCD 17/595	VCD-8	2,48	35	595
VCD 17/710	VCD-9	1,65	42	710
VCD 17/915	VCD-10	1,08	54	915
VCD 17/1170	VCD-11	0,652	69	1170
VCD 17/1425	VCD-11A	0,434	84	1425
VCD 17/1595	VCD-12	0,358	94	1595
VCD 17/1920	VCD-13	0,252	113	1920
VCD 17/2040	VCD-14	0,216	120	2040
VCD 17/2260	VCD-15	0,176	133	2260
VCD 17/2480	VCD-16	0,146	146	2480
VCD 17/2720	VCD-17	0,124	160	2720
VCD 17/2920	VCD-18	0,105	172	2920

Values may vary by up to 5%.

Technical data

25 W/m 230V

Type	Type of cable	Resistance Ω/m	Length m	Output W
VCD 25/100	VCSD-2	100,0	4	100
VCD 25/175	VCSD-4	44,8	7	175
VCD 25/250	VCD-1	19,04	10	250
VCD 25/300	VCD-2	13,22	12	300
VCD 25/350	VCD-3	9,70	14	350
VCD 25/400	VCD-4	7,42	16	400
VCD 25/475	VCD-5	5,26	19	475
VCD 25/550	VCD-6	3,92	22	550
VCD 25/650	VCD-7	3,04	26	650
VCD 25/700	VCD-8	2,48	28	700
VCD 25/875	VCD-9	1,65	35	875
VCD 25/1100	VCD-10	1,08	44	1100
VCD 25/1425	VCD-11	0,652	57	1425
VCD 25/1750	VCD-11A	0,434	70	1750
VCD 25/1925	VCD-12	0,358	77	1925
VCD 25/2250	VCD-13	0,252	90	2250
VCD 25/2450	VCD-14	0,216	98	2450
VCD 25/2750	VCD-15	0,176	110	2750
VCD 25/3000	VCD-16	0,146	120	3000
VCD 25/3250	VCD-17	0,124	130	3250
VCD 25/3550	VCD-18	0,105	142	3550

Values may vary by up to 5%.

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