
TECHNICAL DATA SHEET

**ELEKTRA VCD25 HEATING CABLE
SNOWTEC HEATING MATS**

Series resistant double conductor cable

Introduction

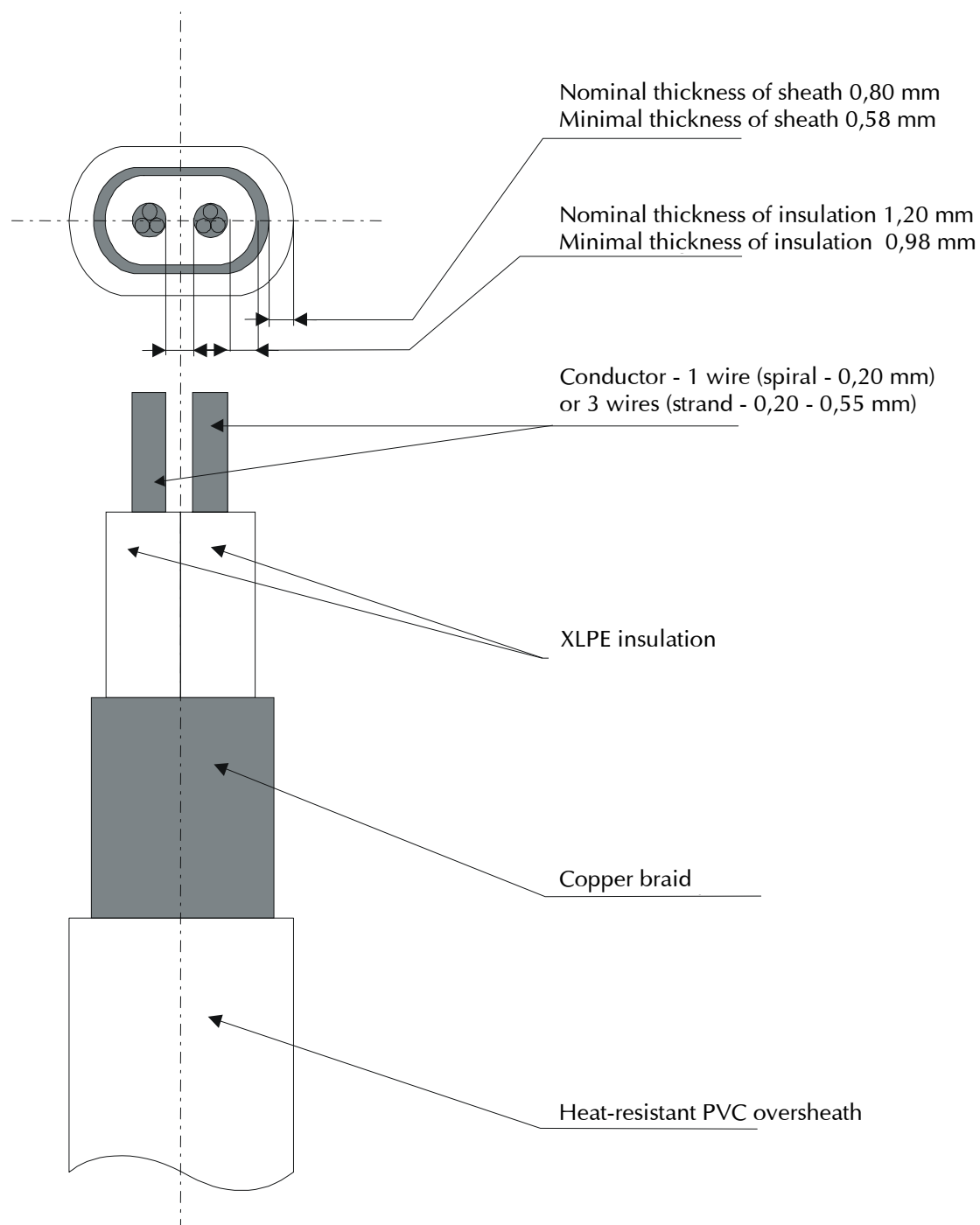
The VCD25 heating cable is designed for outside applications, especially to protect against snow and ice.

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 Tape with fibreglass mesh enhancement Cold tails (H07RN-F)
Conductor form:	Flat
Cable dimension:	from 5,5 x 8,00 mm to 6,5 x 8,50 mm
Resistance range:	5,0 to 0,05 Ω /m
Nominal power rating:	Standard: 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:	IEC Publication 800, EN 60335-1, EN 60335-2-83

Construction



Technical data

300 W/m² 230V

Type	Length	Width	Heating cable type	Core resistance	Output
	m	m		Ω/m	W
300/2	2	0,6	VCD-3	4,85	400
300/3	3	0,6	VCD-5	2,63	520
300/4	4	0,6	VCD-7	1,52	670
300/5	5	0,6	VCD-9	0,826	930
300/7	7	0,6	VCD-10	0,539	1140
300/10	10	0,6	VCD-11A	0,217	1860
300/13	13	0,6	VCD-13	0,126	2560
300/16	16	0,6	VCD-15	0,0881	2890
300/21	21	0,6	VCD-18	0,0525	3730

Values may vary by up to 5%

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