

DEVIsnow™ 300T

230 V & 400 V



DEVI 
by Danfoss

Make it easy,
make it DEVI



DEVIsnow™ is an extremely high-quality, 360° fully screened twin conductor heating mat with a tough outer sheath (UV stable). Its round profile and robust construction

ensures a fast, simple and safe installation on the ground.

Heating mat must be used together with an appropriate thermostat to secure against overheating and reduce energy consumption.

DEVIsnow™ heating mats should not be in direct contact with bitumen roofs.

The cold lead has solid conductors ensuring fast installation with a clearly visible connection.

To ensure a long life-time, all cables

are minutely inspected including tests for Ohmic resistance, high voltage and material controls to ensure the quality. This means that we are proud to supply our extended DEVIwarranty™.

Note. DEVIsnow™ heating mat is not approved for installation on roof because the fixing tape is not UV-stable.

*An EPD is a document used to communicate transparently, the quantified environmental impacts of a product over its life cycle stages.

Benefits:

- Fast and easy to install
- Multiple outdoor applications
- Safe and robust
- Long life-time
- Maximum protection
- UV stable

Standard compliance:

- IEC60800:2009

Compliance symbols:



Type	Value
Nominal voltage	230 and 400 V~
Construction	Round, twin conductor with 360° screening, one cold lead
Output	300 W/m ²
Max. permissible use temperature, powered	60 °C
Max. permissible use temperature, unpowered	90 °C
Cable thickness	7 mm
Deformation strength	1500 N
Pulling strength	450 N
Conductor insulation	FEP
Outer sheath	PVC
Screen	100% coverage; alu-foil; 0,5 mm ² tinned copper drain wire
Cold lead	10 m or 30 m DTCL, 3G (1,5 or 2,5)mm ²
Min. installation temperature	-5 °C
Bending Ø, min.	5 cm
IP Class	IPX7

Types: set DEVIsnow™ 300T - 230 V with cold lead 10 m



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Item no.	Heated area	Dimensions (W x L)	Output @ 230V~	Resistance *	Cold lead	EAN no.
83902030	1,0 m ²	0,5 x 2,0 m	290 W	183,7 Ω	3 x 1,5 mm ²	5703466187258
83902031	2,0 m ²	0,5 x 4,0 m	615 W	86,2 Ω	3 x 1,5 mm ²	5703466187265
83902032	4,0 m ²	0,5 x 8,0 m	1225 W	43,0 Ω	3 x 1,5 mm ²	5703466187272
83902033	4,9 m ²	0,5 x 9,8 m	1440 W	38,0 Ω	3 x 1,5 mm ²	5703466187289
83902034	6,1 m ²	0,5 x 12,2 m	1850 W	28,0 Ω	3 x 1,5 mm ²	5703466187296
83902035	7,0 m ²	0,5 x 14,0 m	2020 W	26,0 Ω	3 x 1,5 mm ²	5703466187302
83902036	8,0 m ²	0,5 x 16,0 m	2530 W	21,0 Ω	3 x 1,5 mm ²	5703466187319
83902037	11,0 m ²	0,5 x 22,0 m	3240 W	16,0 Ω	3 x 2,5 mm ²	5703466187326
83902038	12,0 m ²	0,5 x 24,0 m	3770 W	14,0 Ω	3 x 2,5 mm ²	5703466187333
83902039	1,4 m ²	0,75 x 1,8 m	410 W	129,2 Ω	3 x 1,5 mm ²	5703466187340
83902040	2,0 m ²	0,75 x 2,6 m	640 W	83,0 Ω	3 x 1,5 mm ²	5703466187357
83902041	4,1 m ²	0,75 x 5,4 m	1225 W	43,2 Ω	3 x 1,5 mm ²	5703466187364
83902042	5,0 m ²	0,75 x 6,5 m	1440 W	36,7 Ω	3 x 1,5 mm ²	5703466187371
83902043	6,9 m ²	0,75 x 9,2 m	2080 W	25 Ω	3 x 1,5 mm ²	5703466187388
83902044	8,0 m ²	0,75 x 10,6 m	2285 W	23 Ω	3 x 1,5 mm ²	5703466187395

Types: set DEVisnow™ 300T - 230 V with cold lead 10 m

Item no.	Heated area	Dimensions (W x L)	Output @ 230V~	Resistance *	Cold lead	EAN no.
83902045	11 m ²	0,75 x 14,6 m	3300 W	16,0 Ω	3 x 2,5 mm ²	5703466187401
83902046	12,0 m ²	0,75 x 16,0 m	3770 W	14,0 Ω	3 x 2,5 mm ²	5703466187418
83902047	3,0 m ²	1,00 x 2,7 m	800W	66,1 Ω	3 x 1,5 mm ²	5703466187425
83902048	6,2 m ²	1,00 x 6,2 m	1910 W	28,0 Ω	3 x 1,5 mm ²	5703466187432
83902049	12,0 m ²	1,00 x 12,0 m	3770 W	14,0 Ω	3 x 2,5 mm ²	5703466187449

*The ohmic resistance must be within -5 to +10 % of the value labeled

Types: DEVisnow™ 300T - 400 V with cold lead 10 m

Item no.	Heated area	Dimensions (W x L)	Output @ 400V~	Resistance *	Cold lead	EAN no.
83902020	1,70 m ²	0,5 x 3,4 m	525 W	306,2 Ω	3 x 1,5 mm ²	5703466157657
83902023	3,50 m ²	0,5 x 7,0 m	1080 W	147,9 Ω	3 x 1,5 mm ²	5703466157664
83902026	5,90 m ²	0,5 x 11,8 m	1775 W	90,1 Ω	3 x 1,5 mm ²	5703466157671
83902029	7,90 m ²	0,5 x 15,8 m	2315 W	69,1 Ω	3 x 1,5 mm ²	5703466157688
83902050	2,40 m ²	0,75 x 3,2 m	700 W	228,4 Ω	3 x 1,5 mm ²	5703466157695
83902053	3,60 m ²	0,75 x 4,8 m	1050 W	152,1 Ω	3 x 1,5 mm ²	5703466157701
83902056	6,00 m ²	0,75 x 8,0 m	1745 W	91,7 Ω	3 x 1,5 mm ²	5703466157718
83902059	8,25 m ²	0,75 x 11,0 m	2630 W	60,9 Ω	3 x 1,5 mm ²	5703466157725
83902062	9,75 m ²	0,75 x 13,0 m	2890 W	55,5 Ω	3 x 1,5 mm ²	5703466157732
83902065	12,00 m ²	0,75 x 16,0 m	3620 W	44,2 Ω	3 x 1,5 mm ²	5703466157749
83902068	14,55 m ²	0,75 x 19,4 m	4260 W	37,6 Ω	3 x 1,5 mm ²	5703466157756
83902071	19,05 m ²	0,75 x 25,4 m	5740 W	27,9 Ω	3 x 2,5 mm ²	5703466157763
83902073	21,15 m ²	0,75 x 28,2 m	6560 W	24,4 Ω	3 x 2,5 mm ²	5703466161432
83902080	6,0 m ²	1,00 x 6,0 m	1745 W	91,7 Ω	3 x 1,5 mm ²	5703466157770
83902083	12,0 m ²	1,00 x 12,0 m	3625 W	44,2 Ω	3 x 1,5 mm ²	5703466157787
83902086	14,8 m ²	1,00 x 14,6 m	4260 W	37,6 Ω	3 x 1,5 mm ²	5703466157794
83902089	19,0 m ²	1,00 x 19,0 m	5750 W	27,8 Ω	3 x 2,5 mm ²	5703466157800

*The ohmic resistance must be within -5 to +10 % of the value labeled

Types: DEVisnow™ 300T - 400 V with cold lead 30 m

Item no.	Heated area	Dimensions (W x L)	Output @ 400V~	Resistance *	Cold lead	EAN no.
140F0618	1,70 m ²	0,5 x 3,4 m	520 W	306,2 Ω	3 x 1,5 mm ²	5703466229224
140F0619	3,50 m ²	0,5 x 7,0 m	1080 W	147,9 Ω	3 x 1,5 mm ²	5703466229231
140F0620	5,90 m ²	0,5 x 11,8 m	1775 W	90,1 Ω	3 x 1,5 mm ²	5703466229248
140F0621	7,90 m ²	0,5 x 15,8 m	2315 W	69,1 Ω	3 x 1,5 mm ²	5703466229255
140F0622	2,40 m ²	0,75 x 3,2 m	700 W	228,4 Ω	3 x 1,5 mm ²	5703466229262
140F0623	3,60 m ²	0,75 x 4,8 m	1050 W	152,1 Ω	3 x 1,5 mm ²	5703466229279
140F0624	6,00 m ²	0,75 x 8,0 m	1745 W	91,7 Ω	3 x 1,5 mm ²	5703466229286
140F0625	8,25 m ²	0,75 x 11,0 m	2630 W	60,9 Ω	3 x 1,5 mm ²	5703466229293
140F0626	9,75 m ²	0,75 x 13,0 m	2890 W	55,5 Ω	3 x 1,5 mm ²	5703466229309
140F0627	12,00 m ²	0,75 x 16,0 m	3625 W	44,2 Ω	3 x 1,5 mm ²	5703466229316
140F0628	14,55 m ²	0,75 x 19,4 m	4260 W	37,6 Ω	3 x 1,5 mm ²	5703466229323
140F0629	19,05 m ²	0,75 x 25,4 m	5750 W	27,9 Ω	3 x 2,5 mm ²	5703466229330
140F0630	21,15 m ²	0,75 x 28,2 m	6570 W	24,4 Ω	3 x 2,5 mm ²	5703466229347
140F0631	6,0 m ²	1,00 x 6,0 m	1745 W	91,7 Ω	3 x 1,5 mm ²	5703466229354
140F0632	12,0 m ²	1,00 x 12,0 m	3625 W	44,2 Ω	3 x 1,5 mm ²	5703466229361
140F0633	14,8 m ²	1,00 x 14,6 m	4260 W	37,6 Ω	3 x 1,5 mm ²	5703466229378
140F0634	19,0 m ²	1,00 x 19,0 m	5750 W	27,8 Ω	3 x 2,5 mm ²	5703466229385

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