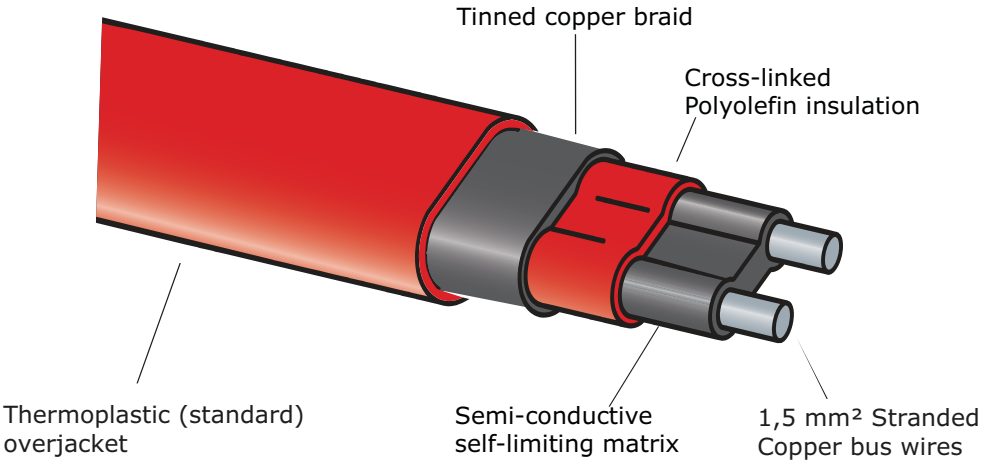
HANDYHEAT®
DANSK VARMEKABEL A/S

Technical Data of HandyTrace Self Regulating Heating Cable

Type DVU 25 / 33



CE

FEATURES

- Withstand temperatures up to 85°C
- Outputs available in 25 - 33 W/m
- Can be cut to length without waste
- Available with braiding and outer jacket
- Full range of controls and accessories
- Available for 230 VAC

FEATURES

HandyTrace type DVU is an industrial grade selfregulating heating tape that can be used for freeze protection or temperature maintenance of pipework and vessels. It is particularly suited to small diameter pipes andinstrument tubing such as impulse or analyser lines.

It can be cut-to-length at site and exact piping lengths can be matched without any complicated design considerations. HandyTrace type DVU is approved for use in nonhazardous and hazardous areas to world wide standards. Its self-regulating characteristics improve safety and reliability. HandyTrace type DVU will not overheat or burnout, even when overlapped upon itself. Its power output is self-regulated in response to the pipe temperature.
The installation of HandyTrace type DVU is quick and simple and requires no special skills or tools. Termination, splicing and power connection components are all provided in convenient kits.

OPTIONS

DVU .. TF	Fluoropolymer over jacket over tinned copper braid provides corrosion protection for braid where chemical solutions or vapours may be present.
DVU .. TP	Polyolefin thermoplastic jacket over tinned copper braid provides corrosion protection for braid where chemical solutions or vapours may be present.

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SPECIFICATION

MAXIMUM TEMPERATURE	65°C
MAXIMUM PERMISSIBLE de-energised (1000 hrs cumulative)	85°C
MINIMUM INSTALLATION TEMPERATURE	-40°C
POWER SUPPLY	208 - 277 VAC
TEMPERATURE CLASSIFICATION	T6 (85°C)
MAXIMUM RESISTANCE OF PROTECTIVE BRAIDING	18.2 Ohm/km

WEIGHTS AND DIMENSIONS

Type Ref	Nominel Dimensions (mm)	Weight kg/100m	Min. Bending radius	Gland Size
DVU .. TF	11,9 x 6,7	11,4	25mm	M16
DVU .. TP	11,9 x 6,7	11,4	25mm	M16

CONSTRUCTION

Heating Element	Semi-conductive self-limiting matrix
Power Conductors	Nickel Plated Copper 1,5mm^2
Conductor Insulation	
Jacket	Croxlinked Polyolefin termoplastic
Braid	Tinned Copper
Over Jacket (optional)	Fluoropolymer or Polyolefin termop.

ORDERING INFORMATION

Example DVU-25-TP

Output 25W/m

Thermoplastic jacket (Standard)

ACCESSORIES

Dansk Varmekabel A/S supply a complete range of accessories including termination/splice kits, end seals, junction boxes and controls. Such items carry separate approvals from the heating tapes. When used in hazardous areas, only use approved components.

MAXIMUM LENGTH (m) vs. CIRCUIT BREAKER SIZE

Start-up temperature (°C)	CB size (A)	Circuit length (m) for	
		DVU-25	DVU-33
10	16	40	32
	25	56	47
	30	58	50
0	16	36	28
	25	53	47
	30	57	47
-10	16		
	25		
	30		
-20	16	27	22
	25	46	36
	30	56	43

In consideration of
- 230V power supply
- Circuit breakers (type "c") with maximum 80% load
- Maximum 10% voltage drop at the bus wires of the heating cable fed from one end

THERMAL RATINGS

Nominal power output at 230V when DVU is installed on insulated metal pipes.

