



K17C

HEATING CABLES WITH CONSTANT ANTIFREEZE POWER FOR ROAD RAMPS

- Suitable for laying under access ramps, parking lots, pavements and walkways
- Constant power delivered ~17 W/m
- They require control thermostats to be used



CODE	Cable length	Total power absorbed at 230V	Heated surface with 130W/m	Minimum installation room temperature	Maximum room temperature
K17C29	30.42 m	510 W	3 m ²	5 °C	65 °C
K17C73	74.28 m	1260 W	6 m ²	5 °C	65 °C
K17C82	89.34 m	1530 W	7 m ²	5 °C	65 °C
K17C102	101.98 m	1750 W	9 m ²	5 °C	65 °C
K17C129	124.58 m	2200 W	11 m ²	5 °C	65 °C

HOMOLOGATION AND STANDARDS



OPERATION

- The heating cables consist of a coil-wound resistance on two conductors. The resistance is in contact with the conductors through splicing points at constant intervals; the energy to heat the resistance is drawn at the splicing points;
- The heating cables are supplied in reels of standard length that cannot be cut or stretched;
- They require L03BM1A type control thermostats.

INSTALLATION

- The two ends of the cable must be connected to the phase and to the neutral in a special junction box;
- Along its path, the cable must not overlap and the original length must not be cut;
- It is recommended to use a sturdy flexible sheath to protect the terminals and cold tails and for the branches to be easily inspected after installation;
- The cable will be laid at a depth of 50 mm in a bed of sand and cement with a serpentine path with a 100 mm pitch, therefore it is advisable to form a path by securing the cable with KJSSP spacing bars;
- It is advisable to apply an insulating coating over the heating cable for a correct installation.



ELECTRICAL FEATURES

Power supply	230V-50Hz
Constant power delivered	~17W/m
Total power absorbed at 230V	K17C29 510 W
	K17C73 1260 W
	K17C82 1530 W
	K17C102 1750 W
	K17C129 2200 W

GENERAL FEATURES

Cable composition	<ul style="list-style-type: none"> ■ 2 conductors in solid copper and tinned copper ■ Outer sheath in PVC ■ Aluminium foil shielding ■ Tinned copper sheath 										
The heating cable includes	<ul style="list-style-type: none"> ■ 1 standard length of heating cable ■ 2 cold tails 										
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Heated surface with 170W/m ²	<table border="1"> <tr> <td>K17C29</td> <td>3 m²</td> </tr> <tr> <td>K17C73</td> <td>6 m²</td> </tr> <tr> <td>K17C82</td> <td>7 m²</td> </tr> <tr> <td>K17C102</td> <td>9 m²</td> </tr> <tr> <td>K17C129</td> <td>11 m²</td> </tr> </table>	K17C29	3 m ²	K17C73	6 m ²	K17C82	7 m ²	K17C102	9 m ²	K17C129	11 m ²
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K17C129	11 m ²										
Minimum installation room temperature	5 °C										
Maximum room temperature	65 °C										
Minimum storage room temperature	-20 ÷ -25°C										

ACCESSORIES



KBE3A

JUNCTION BOX IN INSULATING MATERIAL

- Protection rating IP54 with 5 4mm² terminals.
- 7 PG16 threaded holes closed by a breakable diaphragm.
- Maximum temperature withstood is 80°C.



KSUPP-A

SUPPORT FOOT FOR THE KBE3A JUNCTION BOX

- It allows the cable to pass through the protective coating of the pipe and to enter directly into the junction box.
- It consists of a Ø 22 L 80 mm pipe with a welded 15x15x60 mm bracket and two clamps.
- The pipe is in cadmium-plated steel with a Pg16 thread.



KJSSP

SPACING BARS

- They must be placed every 0.5 m to secure the cable and build a rational track
- They are made of 1m long steel and can be joined together to form a lattice.
- The cable will be secured neatly and at intervals of 25 mm or its multiples.



L03BM1A

ON/OFF THERMOSTAT - PROPORTIONAL - P.I.D. AT 1 OUTLET

- DIN rail mounting
- 1 probe NTC10K



L04BM2A

ON/OFF THERMOSTAT

- 2 outputs
- Wall-mounting



L23EM1A

ON/OFF HUMIDISTAT

- DIN rail mounting.



L24EM2

HUMIDISTAT

- Wall-mounting



LS160A

PROBE FOR HUMIDISTAT L23EM1A