



KRYOTHERM

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Specification of thermoelectric cooling assembly 400LT-M

Thermoelectric assembly 400LT-M is a solid state unit aimed for cooling or temperature stabilization purposes for general application.

| № | Parameter | Unit | Value |
|----|--|-------------|---|
| 1 | Supply voltage (direct current) | V | 24 |
| 2 | Current consumption, not more than | A | 67 |
| 3 | Mode of operation | - | continuous |
| 4 | Liquid of the hot circuit | - | water, aqueous solution ethanol, ethylene glycol and other liquids *) |
| 5 | Liquid of the cold circuit | - | water, aqueous solution ethanol, ethylene glycol and other liquids *) |
| 6 | Fluid consumption of hot circuit nominal (minimum) | liters/hour | 500 (50) |
| 7 | Fluid consumption of cold circuit nominal (minimum) | liters/hour | 400 (50) |
| 8 | Cooling capacity (at nominal consumption, liquid enter temperatures at the hot circuit 25 °C, at cold circuit 25 °C. | Watt | Not less than 650 |
| 9 | Overall dimension: | - | - |
| | - length, without connection branch (with connection branch) | mm | 247 (270) |
| | - width | mm | 204 |
| | - depth | mm | 79 |
| 10 | Diameter of external connection branches of both circuits | mm | 12 |
| 11 | Weight | kg | 5 |
| 12 | Working temperature range | °C | - 10 ÷ +70 |
| 13 | Thermal and electrical parameters tolerance | % | ± 10 |
| 14 | Dimension tolerance | mm | ± 0,5 |

* Used liquid would not contain components able to create stratum or corrosion inside at the radiators rids (manufactured by aluminum alloy). Also, it should not boil or froze in all operating working temperature range of the assembly.

Drawing and Mounting cut-out

