

T101 BTMS RAIL FOR BEMU



R290
NATURAL REFRIGERANT
Our most natural air

PRODUCT FEATURES

DESIGN

- > Hermetic plug & play unit for roof mounting.
- > Ultra light weight and reduced dimensions.
- > Temperature sensors included in the units.

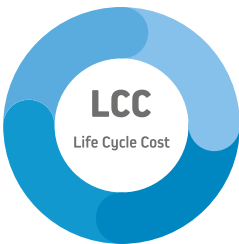
THERMAL MANAGEMENT

The BTMS (Battery Thermal Management System) maintains the battery temperature within the optimal operating range, ensuring its efficiency and increasing its lifetime.

Hispacold has a wide range of plug and play BTMS equipment adapted to work in the most adverse conditions, that respond to the different battery requirements in different applications. In addition, Hispacold has an intelligent regulation system specially adapted to the specific control strategies of each type of BMS (Battery Management System).

MAINTENANCE

- > Advanced microprocessor controller:
 - Electronic unit inside the HVAC.
 - Web server based maintenance software integrated in the electronic unit.
- > RS485 and open CAN available as standard.
- > Standard Ethernet port (support DHCP or fixed IP).
- > System variables monitoring and errors log.
- > Interactive troubleshooting.
- > Easy and accesible maintenance from above.



**Optimized
life-cycle costs**

TECHNICAL DATA

Maximum cooling capacity	10 kW
Maximum outside temperature	55°C
Nominal cooling capacity	8 kW
Coolant outlet	20°C
Outside temperature	35°C
Coolant flow	70 l/m
Power consumption	400 VAC
Cooling	4.72 kW
Heating	4.00 kW
Circulation	2.72 kW
Weight (max.) without coolant-carrying components	256 kg
Voltage (compressor/fans/heater)	380 VAC
Dimensions (L x W x H)	1450 x 1212 x 565 mm
Refrigerant R290 Filling charge	1.10 kg

STANDARDS

- > Vibrations Certificate according to CEI/ICE 61373:1999 Standard.
- > EMC according to UNE-EN 50121-3-2 Standard and Declaration of Conformity according to 2004/108/EC Directive.
- > Performance according to EN 50155 Standard for electronic device.
- > RAMS based on EN 50126.
- > Fire and smoke standards: EN 45545, NF F 16101 - NF F 16102, UNI-CEI 11170.
- > IRIS Certificate: ISO/TS 22163.