EVBAT00100 Modulo batteria per EVD0000000 / *Battery module for EVD0000000 driver*

Fig. 1

Fig. 2

GB *Thank you for your choice. We trust you will be satisfied with your purchase.*

The EVBAT00100 battery module is a Carel electronic device which guarantees the EVD000000 driver power supply in case of sudden power failure allowing the driver to close the controlled electronic valve.

Terminals 5, 6 and 7 (see Fig. 4) must be connected with the correspondent terminals on the driver, taking care of polarities.
Attention: *terminal 6 must be connected only with terminal +24 Vdc of the EV driver module, to no other external power supply.*
Fix the battery in the coolest part of the electrical panel (on the buttom).

Nota: *an optional battery module box frame is available, cod. Carel EVBATBOX00 (see Fig. 3).*

Optional box dimensions

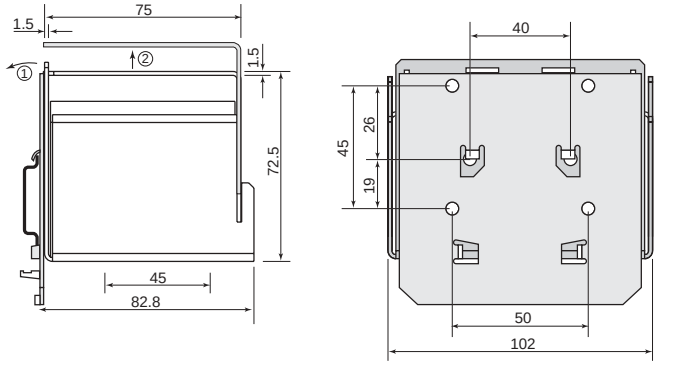

Fig. 3

Connection diagram

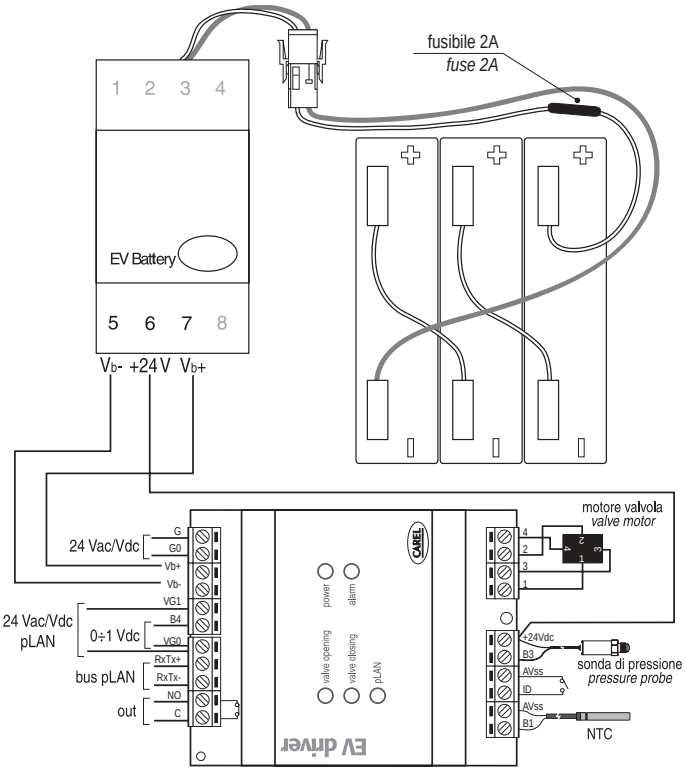

Fig. 4

TECHNICAL SPECIFICATIONS
Lead rechargeable battery made of 3 elements of 6V, 1.2A/h each, serially connected, supplied already charged ready for use.
The battery is to be connected to the EVBAT module through the cable L=2m, supplied with fuse.

Power supply for recharging:	*EV driver module, 19 mA/h recharging current, controlled by microprocessor*
battery recharging time:	*min. 48 hours*
Number of subsequent EX7 or EX8 valve closing operations during floating working:	*min. 10*
lead size:	*min. 0,5mm², max 2,5mm²*
operating conditions:	*0T50 ˚C, : < 90% r.H. non condensing*
storage conditions:	*-20T70 ˚C, < 90% r.H. non condensing*
front panel - Index of protection:	*IP40*
PTI of insulating materials:	*250V*
classification according to protection against electric shock:	*o be integrated in Class I and/or II devices*
period of electric stress across insulating parts:	*long period*
environmental pollution:	*normal warning; it contains lead type batteries*
category of resistance to heat and fire:	*category D*
immunity against voltage surges:	*category 1*
temperature limits of the surfaces:	*as per operating conditions*
mounting:	*on DIN rail*
disposal of the product:	*the module is made of metal parts and plastic parts. To dispose the device refer to the environmental protection laws in force in your country. The lead batteries must be disposed of delivering them to the collection centers.*

Battery removal/replacement (see Fig. 3):
1 slightly press the DIN rail side;
2 lift the cover.

CAREL S.p.A.
Via dell'Industria, 11 - 35020 Brugine - Padova (Italy)
Tel. (+39) 0499716611 – Fax (+39) 0499716600
http://www.carel.com – e-mail: carel@carel.com

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