Carel Drivers for Electronic Expansion Valves

Stepper Motor

Short Historical introduction

- Since 1999 Carel has been selling EVD0000000, combining Carel hardware and Alco algorithm.

- Since September 2002 up to January 2003, Carel and Alco can sell EVD0000000 together.

- Since February 2003, only Alco can sell EVD00000, with different polycarbonate. Carel can't do this anymore

- Since September 2002, Carel has been selling our Driver with our own algorithm!

CAREL

EVD0000200: pLAN

- **Extended Valve compatibility**
- **Flexibility: Carel algorithm source code**
- **Know-how shared between OEMs and Carel**
- **Macroblock updated**
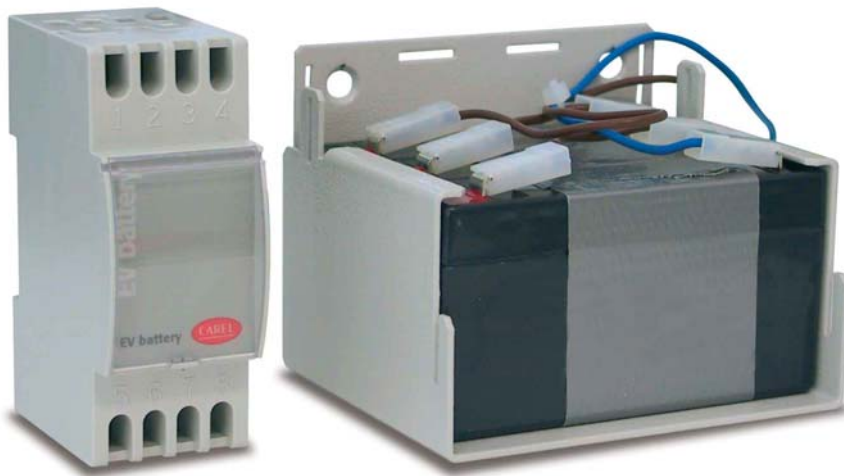- **Easy integration on EasyTool**

EVD0000300: RS485

- **All features of EVD0000200 but equipped with RS485 interface card instead pLAN**

- **Stand Alone features**

- **PlantVisor compatibility**

Accessories: Battery

New Battery Module:

- New long life battery pack (lead)
- New module for battery
- New Box that fulfils vibration test

Valve compatibilityc

CAREL Series E²V
from 1 kW to 40kW

ALCO EX5, EX6, EX7, EX8
from 5kW to 900kW

SPORLAN SEI 0.5-11, SEH 25-250
from 2 kW to 850kW

DANFOSS ETS50-100 or other (manual settings)

CAREL

Price and availability

Carel code	Price List	Availability
EVD0000200	157,50 €	September 2002
EVD0000300	157,50 €	February 2003

Chiller Software for pCO platforms:

- **31/01/2003: Modular Chiller for reciprocating compressors on pCO^C, pCO^1, pOC^2**

- **31/01/2003: Modular Chiller for screw compressors on pCO^C, pCO^1, pOC^2**

- **20/06/2003: Advanced Modular Chiller on pCO^1, pOC^2**

CAREL