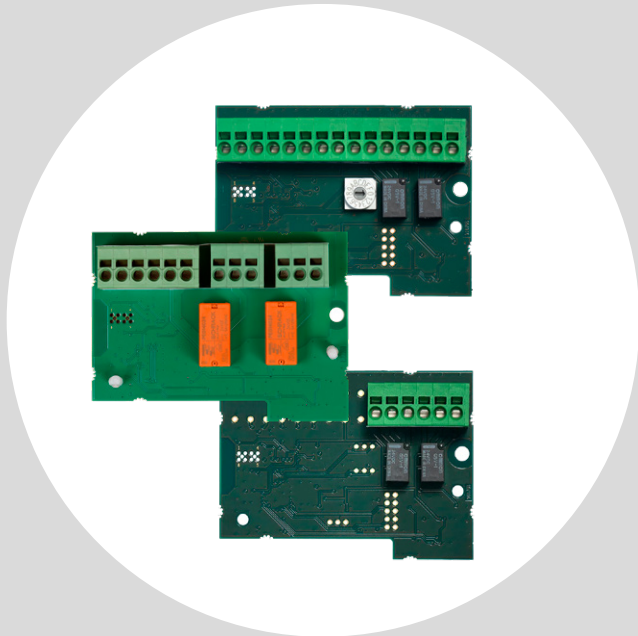


# OJ Drives®



## OJ-DV Extension Card

- I/O expander
- Configurable I/Os to match your specific needs
- Extends the functionality of standard OJ DV drives
- Developed for ventilation applications

### Extension Card

The OJ Drives® option modules are add-on modules for mounting inside the OJ Drives® range. The OJ Drives® extension modules allow a number of A/D inputs and outputs together with potential-free relays to be added to the OJ Drives®.

The extension card range contains three different modules.

### Pre-installed or as Spare Part

Depending on volume, your commercial agreement and what suits you best, we offer two options: Your DVs can be equipped with the desired extension card at our factory, ready to use. Or you can order extension cards as spare parts for subsequent installation at your factory or in the field.

### Setting Functions

The function of the different inputs and outputs can be configured through the User Configuration File (UDF).

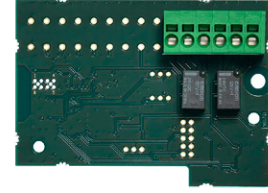
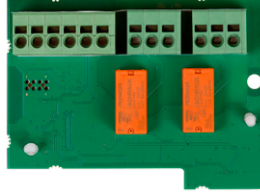
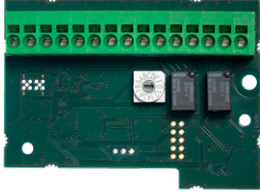
Use the OJ DV PC Tool or the OJ DV handheld terminal to set and change the function of the different I/O and relays.

### Potential-free Relays

As standard, OJ DV products do not have a built-in potential-free relay.

Even so, with the addition of an extension card, OJ DV modules are ideal for applications which specifically require potential-free operating and alarm signals to other devices in the application or system.

The OJ DV extension card with relay comes in two versions: a 2 x 24V AC / 30VDC and a 2x 250VAC version.



| OJ-DV-MODULE-IO-A1   | OJ-DA-MODU-2R250-IO  | OJ-DV-MODULE-2R24-A1   |
|--|--|--|
| The I/O modules is equipped with the following In-/Outputs:                    |  |  |
| 2 x relay output; max. 24V AC / 30V DC<br>1A (Single Pole Double Throw (SPDT)) | 2 x relay output; max. 250V AC<br>1A (Single Pole Double Throw (SPDT)) | 2 x relay output; max. 24V AC / 30V DC<br>1A (Single Pole Double Throw (SPDT)) |
| 2 x digital input (Configurable)   | 1 x digital input (configurable)                                       |  |
| 1 x 4–20mA analogue input  | 1 x 4–20mA input   |  |
| 1 x 0–10V analogue output  | 1 x 0–10V analogue output  |  |
| 1 x +24V DC out  | 1 x +24V DC out  |  |
| 1 x +10V DC out  |  |  |
| 1 x Thermistor input (motor temperature sensor)                                |  |  |