


**Module eFC-VAG v2**

**Technical description**

### Module description

Module eFC-VAG v2 (hereinafter referred to as the module) is the expander of FanControl-GSM, FanControl-U2. The module is designed for diesel VW Crafter (2017--).

 eFC-VAG v2 operates only in conjunction with FanControl-GSM, FanControl-U2.

### Module connection

The module is used for connection to vehicle CAN-bus by parallel connection.

The connection is performed in the preheater wire harness under the driver's seat (refer to figure 1).

Wire assignment in the car:

- CAN-L - orange with brown stripe.
- CAN-H - orange with violet stripe.



Figure 1. Connection to CAN-bus

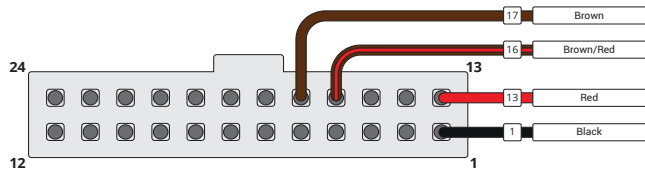


Figure 2. Pin numeration, wire side view

Table 1. Pin assignment of module connector

Nº	Color	Type	Assignment
1	Black	Power source	Ground
2-12	–	–	–
13	Red	Power source	+12 B
14-15	–	–	–
16	Brown/Red	CAN	Data-bus CAN-H
17	Brown	CAN	Data-bus CAN-L
18-24	–	–	–

Table 2. Technical data and operating conditions

Characteristics	Description
Voltage, V	9 ... 15
Maximum current consumption in active mode, mA	200
Maximum current consumption in standby mode, mA	1,5
Temperature, °C	- 40 ... + 85
Maximum relative humidity, %	95

Table 3. Package

Name	Amount, pcs
Main unit	1
Wire harness	1
Technical description	1
Package	1
Equipment passport	1