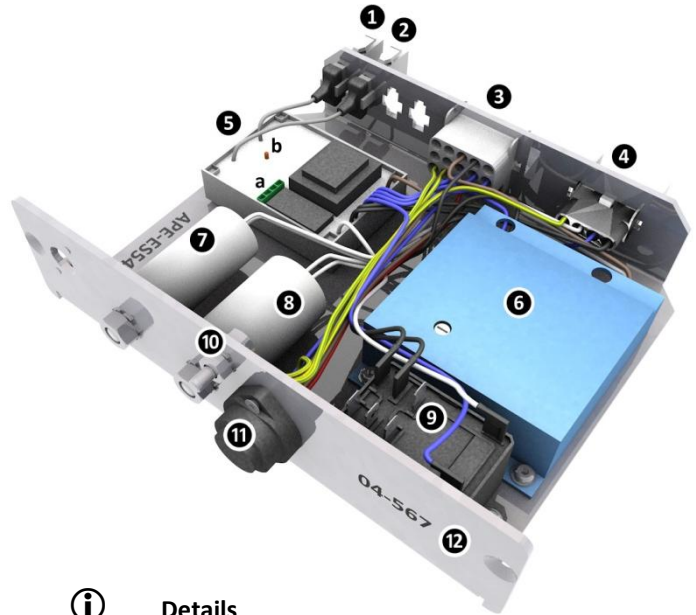


# E-Controller Module

## APE-ES54007

Function and control module  
for climate units of the type  
SBCT5417



**Part number** APE-ES54007  
**Measures B\*T\*H in mm** 219 \* 164,5 \* 55  
**Weight** ~1.000 g

**Current** 230V 50Hz / 60 Hz  
**Switchable current** 16 A  
**Startup current** Up to 50 A, 5 msec  
**Compressor** Up to 1,5 kW  
**Condenser fan** Up to 500 W  
**Heating** 300 W to 1.650 W

**Environment** -35°C to 55°C  
**System of use** GBCT5417

**Specialties** Without thermostat  
Halogen-free wiring  
Heating wired via connector pins 5 and 6  
Load relais 30 A controlled via pin 4



### Details

- |   |   |
|---|---|
| 1. Connector (HG) hot gas sensor  | 7. Operating capacitor for the evaporator fan                 |
| 2. Connector (VT) Evaporator probe  | 8. Operating capacitor for the condenser fan                  |
| 3. 15pin connector with connections to the compressor, condenser fan, heating | 9. Power relay for the compressor                             |
| 4. Connector to the evaporator fan  | 10. Grounding nut   |
| 5. Microcontroller<br>a) Data-Slot 4pin<br>b) LED signal light                | 11. Connector 7-pin (Binder 690) for power and control cables |
| 6. Speed controller for the condenser fan                                     | 12. Serial number of the system (exemplified)                 |



### Description

Control of the units climate functions is provided by the e-controller module



### Function

The e-controller module controls the switching operations of the device and provides all components with power.

The grounding nut, marked (10) in the top right illustration (in reality marked with a grounding symbol sticker) can be used as a grounding point for the entire system.



### Position

On the aft/flanging side of the climate unit, inserted and attached with two screws within the upper slot of the evaporator case

