

KC-300L

Passengers' Air Conditioning & Heating Control

FTPDKC-300LI_121004



KC-300L Control Panel

SPECIFICATIONS

External dimensions:

134 x 58,50 mm. Depth: 91 mm.

Dimensions of the mounting window:

127 x 51 mm

Voltage supply:

Fed trough KC-N300

Short circuit protection

Towards ground and towards + supply

Display type / Colour:

LCD / White, Green, Blue, Red

Keypad type

Illuminated polycarbonate keypad

Connectors:

1

Type of connectors:

AMP Power Timer 9 pins

Operating Temperature:

-20°C to 85°C

Storage Temperature:

-40°C to 85°C

KC-N300 Node Control

SPECIFICATIONS

External dimensions:

204 x 147 mm. Height: 38 mm.

Voltage supply:

16 – 32 Vdc.

Short circuit protection

Towards ground and towards + supply

4 Temperature probes

PTC1000 1 KOhm at 25°C

Communication with Vehicle's Chassis

CAN BUS 2.0B

Connectors:

4

Type of connectors:

AMP Power Timer 21 pins, 12 pins, 9 pins, 6 pins

Operating Temperature:

-40°C to 85°C

Storage Temperature:

-40°C to 85°C

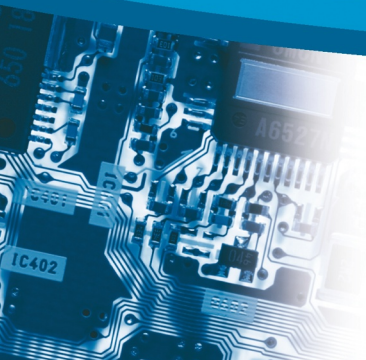
Normative

ISO 7637, ISO 16750

FEATURES:

(Using an additional CAN BUS NODE KC-N300)

- Microprocessor controller
- Passengers' zone Temperature control
- Outdoor temperature display
- 3 Steps speed of passengers' zone ventilation (using external relays). Max. load: 1 A
- 20 KHz. PWM signal speed of passengers' zone ventilation
- Condenser blowers operation control (using external relays). Max. load: 1 A.
- 20 KHz. PWM signal speed of condenser blowers
- 2 Steps speed platform heater blower. Max. load: 10A
- Illuminated Polycarbonate keypad
- 4 temperature probes:
 - Outdoor temperature probe
 - Passengers' zone temperature probe
 - Evaporator coil probe
 - Ventilation channel probe
- Connector for reprogramming
- Communication CAN BUS (Controller Area Network) between KC-N300 and the vehicle chassis
- Automatic detection of heating valve type
- Compressor clutch operation. Direct driven. Max. load: 8 A.
- Control of compressor's pressure switches
- DRY function for dehumidification
- Fresh air intake / recirculation damper. Max. load: 0,5 A.
- Heating booster pump control. Direct driven. Max. load: 2,5 A.
- Floor heating valve control. Max. load: 1 A.
- Roof heating valve control. Max. load: 1 A.
- Fresh Air intake damper control at closing doors
- AUTO key for automatic operation
- Self-Checking of operating status
- Overload and short circuit Protection



KELD



HEADQUARTERS

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