ABSTRACT OF THE INVENTION

PROTECTING METHOD FOR AN AIR CONDITIONER IN A BUS

A protecting method for an air conditioner in a bus uses a voltage checking circuit, a calculating and treating circuit and a control circuit connected in series. The voltage checking circuit is also connected with a battery in a bus, sending a signal of the output voltage value of the power of the battery to the calculating and treating circuit. Then the calculating and treating circuit calculates and treats the signal, sending a treated signal to the control circuit if the output voltage value is found to be a preset lower voltage value than the normal voltage value 24V. Then the control circuit may cut off immediately the power to the engine of a bus and the electromagnetic clutch of the air conditioner so that the electromagnetic coil of the electromagnetic clutch may not be burnt by hot heat caused by the friction of the transmitting disc and the pressing plate of the clutch.

FIG.1

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