

ABSTRACT

CONTROL MODULE UNIT FOR SERVICES SYSTEMS FOR A VEHICLE

A cabin service system may include a control module unit, a pair of power rails, the power rails being configured to provide mechanical attachment and electrical power to the control module unit, and a plurality of cabin services, wherein the control module is communicatively coupled to the plurality of cabin services to provide control of the plurality of cabin services. The control module unit may include a plurality of communication ports, and a plurality of relays coupled to at least one communication port of the plurality of communication ports, wherein each communication port of the plurality of communication ports corresponds to at least one cabin service of the plurality of cabin services, and wherein each relay of the plurality of relays provides discrete control of an associated cabin service of the plurality of cabin services.

Fig. 1