

DISPLAY MODULE FOR TOOLLESS COUPLING WITH PROGRAMMABLE CONTROLLER

ABSTRACT

[0038] An automation controller that includes a central processing unit configured to communicate via an input/output module with automation devices of a process controlled by the automation controller. The automation controller also includes a retention feature configured to toollessly couple with a detachable display and memory module. Further, the automation controller includes a controller connector configured to communicatively couple with a display connector of the detachable display and memory module such that the automation controller and the detachable display and memory module are communicatively coupled, wherein the central processing unit is configured to transmit data for presentation on a display of the detachable display and memory module and configured to receive data from a memory and/or a data entry feature of the detachable display and memory module when the detachable display and memory module is communicatively coupled to the automation controller.

Fig. 2