

Commissioning and first operation experience of the CMS RPC Detector Control System at LHC

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The CMS Resistive Plate Chambers (RPC) system consists of 912 double-gap chambers. The challenging constraints on the design and operation of this system imposed the development of a complex Detector Control System to assure the operational stability and reliability of a so large and complex detector and trigger system. The final layout and functionality of the CMS RPC DCS as well as the operational experience during the detector's commissioning and first phase of LHC operation are presented here.

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