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(54) **ELECTRIC CONNECTION ASSEMBLY, CONTROL CABINET AND ROBOT SYSTEM**

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(57) **ABSTRACT**

An electric connection assembly for a control cabinet, the electric connection assembly including a base body having an opening structure; an electric connector for connection to a plurality of external electric cables, the connector being connected to the base body and aligned with the opening structure; and a support structure including a rail for supporting a plurality of electric connection terminals, the support structure being connected to the base body opposite to the connector. A control cabinet for an industrial robot including an electric connection assembly is also provided. A robot system including an industrial robot, a control cabinet and a plurality of external electric cables connected to the industrial robot and to the connector is also provided.