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PLUGS FOR HIGH STRENGTHS OF CURRENT

Everyone knows just how indispensable electric plugs are nowadays. But previously with this system it had never been possible to go much above a nominal strength of 10 A. Owing to the increased power of so many machines, it had become vitally necessary to design a system capable of handling higher strengths. The problem has now been solved by a Swiss firm, with its Multi-Contact system.

The socket consists of a sleeve cut on a brass bar. This sleeve comprises a series of contact wires forming a slightly convex cylindrical envelope. The elasticity of

the wires guarantees excellent contact with the plug on a multitude of lines distributed over the whole surface of the contact pin.

The smallest model, with a contact pin measuring 2.3 mm. in diameter, is designed for connecting currents up to 25 A. The models with contact pins 35 mm. in diameter can handle up to 1,000 A., while certain models with pins 100 mm. in diameter are designed for currents up to 4,000 A.

The increased temperature corresponding to the above-mentioned strengths of current does not go above 45°C for standard type plugs. Certain models, however, are designed to withstand temperatures up to 200°C.

[O.S.E.C.]

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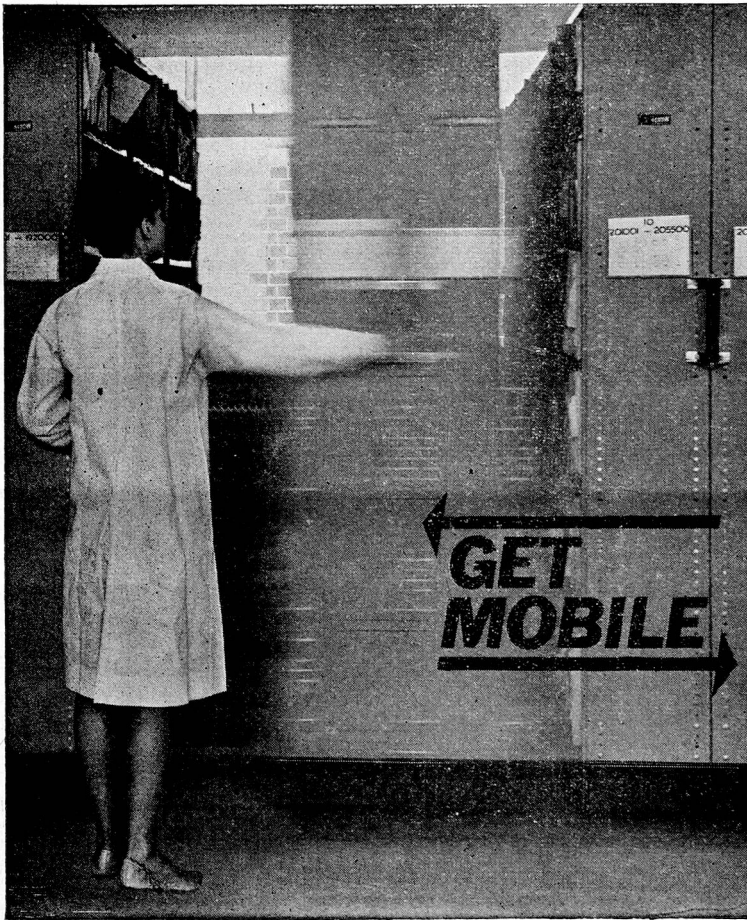
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