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WIRELESS SOLUTION FOR MONITORING, DIAGNOSTIC AND CONTROL OF CIRCUIT BREAKERS

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Abstract. The paper proposes a wireless solution, based on GSM (Global System for Mobile Communication) networks for the monitoring, diagnostic and control of the medium voltage (MV) circuit breakers. This architecture has the advantage that can be used and for the monitoring of the some cinematic parameters for the operating mechanism like as: closing speed, opening speed, closing time, opening time, the energy accumulated in the operating mechanism and others.

Keywords: GSM communication, monitoring, diagnostic, circuit breaker.