

Marek Kaniewski, Jan Malicki: Analysis of Existing PPM2 Protocol Data and Information in CAN-BUS Network

In the article there is described the evaluation of PPM2 Protocol used by PKP for supervision of work of power supply objects, especially high-speed circuit breakers. Beyond the use on railway, the protocol is used also on trams and trolleybuses, not only for supervision of high-speed circuit breakers but also for supervision of lighting or heating of crossovers during the winter. There are presented the conclusions of the survey that was sent to current users of PPM2 Protocol, on the basis of which the introduction of new necessary functions of the protocol was suggested.

Keywords: substation, high-speed circuit-breaker, remote control of high-speed circuit-breaker