

A device for monitoring resource of air high-voltage switches comprises sensors of current, pressure and switching, as well as resource and mechanical counters, unit of analog-digital conversion measuring and calculating current amplitude at output of current sensor, unit for determination of switching time. At the moment of current flow through switch the values of that current and values of compressed air pressure are stored and recalculated on the basis of switching out rated operational current. In the resource counters the switch operation resource at the moment of switching is accounted pole by pole.