

## ELECTROMAGNETIC DEVICE

### ABSTRACT

A magnetic short-circuiting plate (16) for reducing a quality of a magnetic flux to be generated from a permanent magnet (9) is mounted between magnetic plates (11, 12) in the case of having an electromagnetic operate for constant excitation and the magnetic short-circuiting plate (16) is removed from the electromagnetic device in the case of having the electromagnetic device operate as an electromagnetic latch.

Fig. 2