

ABSTRACT OF THE DISCLOSURE

An electromagnetic relay, comprising: a
electromagnet consisting of an iron core and a solenoid
5 wound thereon; a yoke extending in parallel with the
electromagnet and attached to one end of the iron core;
an armature pivotally attached to a part of the yoke
adjacent to another end of the iron core at its base
end; a fixed contact unit provided adjacent to the
10 electromagnet; an pivotally supported moveable contact
carrier; an extension arm extending from the armature
and having a free end adapted to abut an actuation
point of the moveable contact carrier located between
its pivoted point and a moveable contact piece carried
15 thereby; the moveable contact piece being adapted to
cooperate with a fixed contact member provided in the
fixed contact unit. The lever ratio achieve by the
moveable contact carrier permits the magnetic gap
between the armature and the iron core to be reduced,
20 and the actuation stroke of the contact mechanism to be
increase, in a relative sense, so that the magnetic
efficiency can be increased and the reliability of the
contact mechanism can be ensured.

This Sheet Has Been Replaced

