

ABSTRACT

INSULATOR FOR ARMATURE, MOTOR

A jumper line is disposed without using a printed circuit board and without
 5 increasing an axial dimension of an armature. An insulator (3) for an armature has holes
 (H1 to H12) and guide portions (32A, 32B, 32C, 32F). The holes (H1 to H12) are
 penetrated by pins (Puas, Puae, Pwas, Pwae, Pvbs, Pvbe, Pubs, Pube, Pwbs, Pwbe, Pvas,
 Pvae). The pins (Puas, Puae, Pwas, Pwae, Pvbs, Pvbe, Pubs, Pube, Pwbs, Pwbe, Pvas,
 Pvae) are connected to one ends of corresponding coils (Lu1, Lu2, Lw1, Lw2, Lv3, Lv4,
 10 Lu3, Lu4, Lw3, Lw4, Lv1, Lv2), respectively. The guide portions (32A, 32B, 32C, 32F)
 respectively guide the jumper lines (Pn, Pxu, Pxv, Pwx) in a circumferential direction
 with respect to an axis (J0).

[FIG. 1]