

Claims

Claim 1

An electrical contactor comprising: an installing portion; a base end portion extending continuously toward the installing portion; a plurality of arm portions extending from the base end portion in a longitudinal direction; a coupling portion coupled to the tip of each of the arm portions; a pedestal portion provided continuously toward the coupling portion; and a contact portion provided at a lower end of the pedestal portion,

wherein each of the plurality of arm portions elastically supports the contact portion in contact with a first contact target, and

~~wherein a curved portion is provided on the coupling portion side or the base end portion side of~~
a closest-to-contact-portion arm portion that is the closest to the contact portion among the plurality of arm portions comprises a straight portion supported by the base end portion and extending linearly in the longitudinal direction, and a curved portion integrally formed with the straight portion and provided between the straight portion and the coupling portion, the curved portion suppressing an amount of movement of the contact portion in contact with the first contact target, and

wherein the pedestal portion comprises a positioning portion for positioning the contact portion in contact with the first contact target, the pedestal portion extending linearly in the longitudinal direction between the contact portion and the closest-contact-portion arm portion, the positioning portion having a surface parallel to the

straight portion of the closest-to-contact-portion arm portion.

~~Claim 2~~

~~The electrical contactor according to claim 1, wherein the closest-to-contact-portion arm portion is provided with a straight portion supported by the base end portion or the coupling portion and extending linearly in the longitudinal direction, and wherein the curved portion is integrally formed with the straight portion and provided toward the coupling portion or the base end portion, the curved portion suppressing an amount of movement of the contact portion.~~

~~Claim 23~~

The electrical contactor according to claim 1 or 2, wherein a curved shape of the curved portion is formed based on a first distance from a reference point in the longitudinal direction at a boundary between the curved portion and the straight portion of the closest-to-contact-portion arm portion and a second distance from the reference point in a direction perpendicular to the longitudinal direction on a plane of a main body of the electrical contactor.

~~Claim 4~~

~~The electrical contactor according to claim 1, wherein the pedestal portion is provided with a positioning portion for the contact portion between the contact portion and the closest-to-contact-portion arm portion, the positioning portion having a surface parallel to the straight portion extending~~

~~linearly.~~

Claim 35

The electrical contactor according to claim 24, wherein the pedestal portion is provided with a position confirmation portion for confirming a position of the contact portion, at a position opposed to the positioning portion.

Claim 46

An electrical connecting apparatus, comprising: a plurality of electrical contactors that come into electrical contact with a first contact target and a second contact target, the electrical connecting apparatus electrically connecting the first contact target and the second contact target via each of the electrical contactors,

wherein each of the plurality of electrical contactors is the electrical contactor according to any one of claims 1 to 35.