Mounting instructions

ERKO high current contact blocks Type K, K+s.A., K-D

1 Scope of supply

Types K, K+s.A. and K-D are supplied with a fitted copper groundplate. The groundplate dimensions depend on the dimensions of the wareholder.

2 Provide a level substructure

The copper groundplate transfers current only. Never use it as a supporting element. A level substructure is required, and the whole construction must be fixed to it with screws.

3 Distribute the current supply

Distribute the current supply evenly across the whole contact block and make sure that each fork receives an equal share. Never use the copper groundplate to carry the entire current from one fork to the other. If current can only be supplied from one side, the copper groundplate must be made thicker accordingly.

4 Structure of the wareholder

a) The wareholder must not bend under full load.

b) The cross section must be suitable for the current.

c) Fit a plastic bearing block on the other side of the tub, opposite the contact block, to guide the wareholder.

d) The wareholder dimension must match dimension X of the contact block (tolerance ±0.2 mm). Both contact forks must be milled, flat and clean. Deviations in parallelism between the surfaces must be less than 0.05 mm.

e) With an automatic crane plant, it can be difficult to position the wareholder exactly on the contact block (dimension L). To avoid this, make the wareholder approximately 10-20 % longer than required.