

High-current contact systems

Contact blocks and contact heads for electroplating, anodising and PCB production lines.

250-10,000 A

Contact block family range
The current rating is confirmed for each design. This range does not apply to every type or to contact heads.

Contact block designs

Designs from the current product overview. The base plate and connections are adapted to the installation.

Type	Design	Base plate
E	Single	Without
K	Single	With
D	Double	Without
K-D	Double	With
D-R	Round double	Without
K-D-R	Round double	With

Type K is the single contact block with base plate. Historical documents also use K-E.

Contact blocks: self-clamping operation

Inserting the carrier rail applies its mechanical load to the contact wedges and establishes contact. Lifting the rail releases the connection. No separate actuator is required for this clamping operation.

KK and FK contact heads

Type KK with wedge clamping. Type FK with a spring-loaded clamping plate.

No general current rating for contact heads is published here. Tell us the required current and rail width so we can confirm the appropriate design.

Select for your installation

Required current, carrier rail and connections determine the selection. The design table does not replace project-specific sizing.

Information for contact blocks and contact heads

1. Required current

The current you need and details of the production line.

2. Carrier rail

Shape, width or diameter X, and a dimensioned drawing or photograph.

3. Installation and connection

Available space, existing fastening and electrical connections. For contact blocks: base plate and rectifier connection. For contact heads: rack attachment.

4. Product and quantity

Product group, preferred type, quantity and photographs of existing parts for a replacement.

Contact blocks: dimension X in the existing sketches

Sketch	Dimension X
K	Width between the contact faces
K-D	Width between the two contact wedges
K-D-R	Diameter of the round carrier rail

Drawing version 08/2019. These illustrations are for reference and do not replace an approved installation drawing.

Confirm before ordering and installation

Confirm for each type: current rating, permitted rail dimensions, installation dimensions, fastening and electrical connections. The existing sketches are reference illustrations, not approved installation drawings.

Current information and contact

Historical data sheets remain available for reference. Company details, type names and current ratings in them may differ from today's range. This guide does not provide binding ratings or dimensions for an individual type.

Erhardt ERKO GmbH

Siemensstraße 15, 74722 Buchen, Germany

info@erhardt-erko.de | +49 6281 5201-0

Product information, video, sketches and shared enquiry:

<https://www.erhardt-erko.de/en/high-current-contact-systems/>