

WELCOME 

WHO WE ARE	●	Kraus Introduction
WHAT WE DO	●	Kraus Products
HOW WE DO	●	Technology, Quality, Service
WHERE WE ARE	●	Kraus Global Distribution



1955
Establishment



Kraus®
Elektrotechnik



1985
Kraus Kunststofftechnik



Kraus®
Kunststofftechnik



1993
Acquisition of EKR



EKR



2007
Kraus China



Kraus®
Electrical China



Today
Kraus Group

Kraus®
Group



● Slip Ring Assemblies



● Railway Technology



● Contacts



● Current Leads & Components



● Plastic Components



● Voltage Convertors



Ship
Crane



Wind
Turbine



Construction
Crane



Automation



Defence

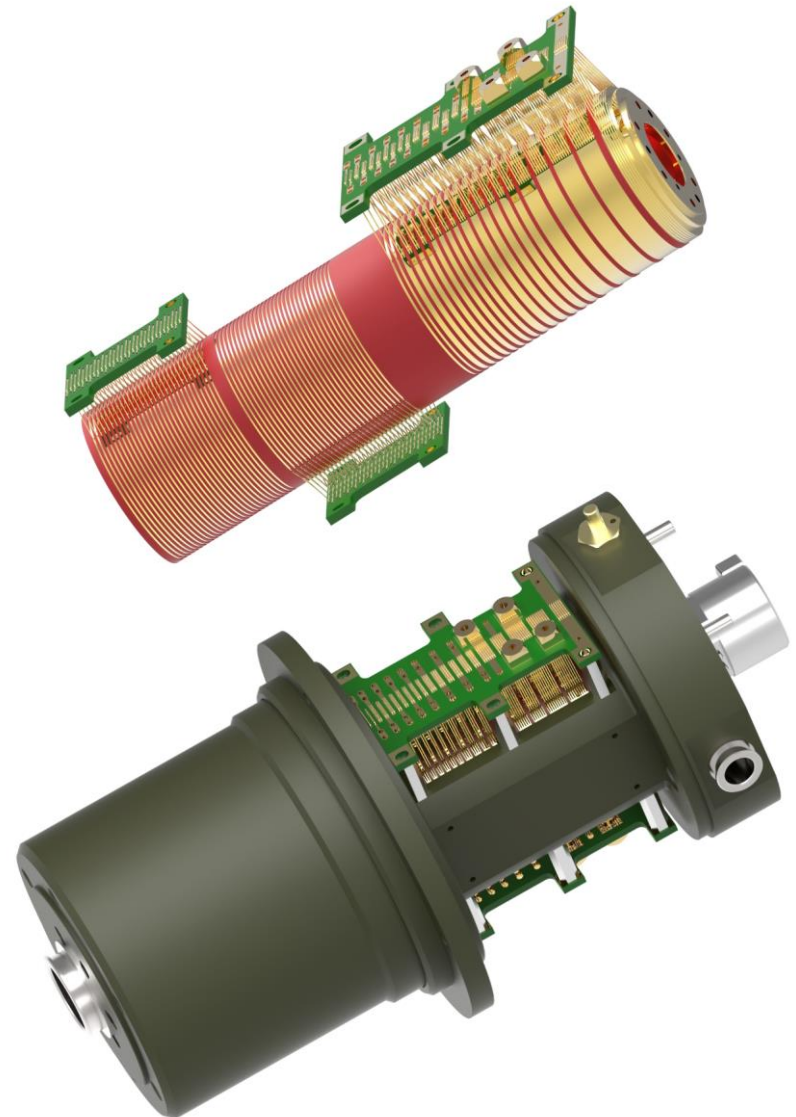


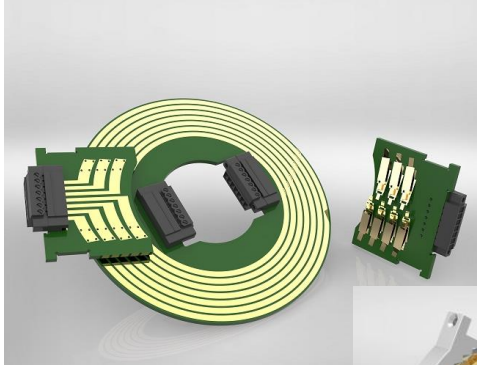
- Telephone connections, data transfer, control voltages
- Bus communication
- Ethernet
- Video signals
- Up to IP67, protection against dust, moisture, sea water
- Fiber-optical rotation couplers
- Contact-free transmission systems for data and service
- Explosion-protected slip ring units
Zone 1/ Zone 2 dust & gas
- Rotation speeds up to 2300 rpm
- Currents from mA levels to 5000A
- Voltages from mV levels to 16KV



Casted slipring modules with gold wire contact technology

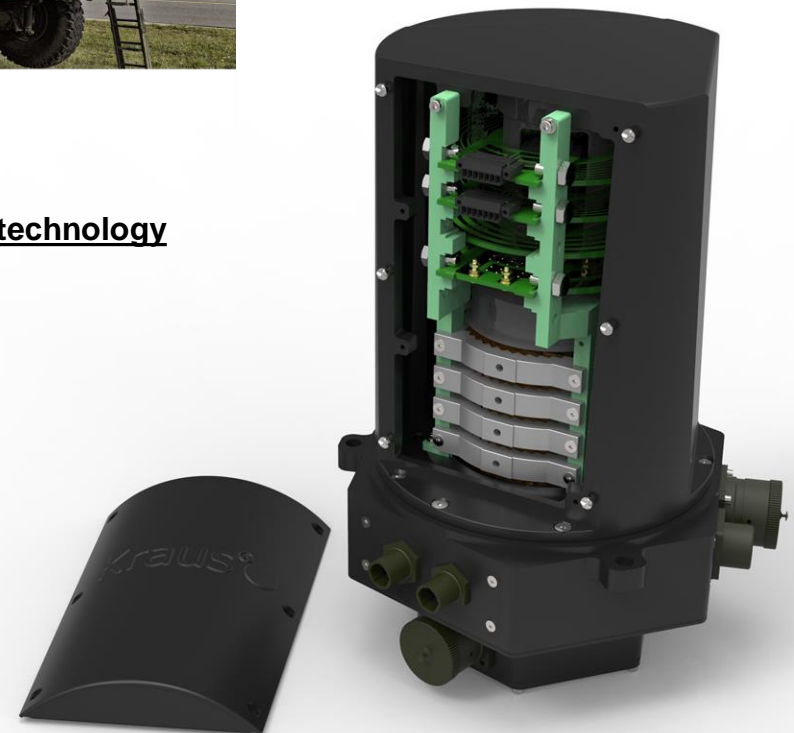
- Customized design
- Low contact noise (5 to 30 mOhm)
- Different kind of signal and power transfer
- Up to 100A
- CAN, Profi Bus, RS422
- Ethernet and Gigabit Ethernet
- Digital transfer up to 1,5Mbit/s
- Coaxial high frequency transfer 50 Ohm and 75 Ohm, low VSWR and Insertion loss
- IP level up to IP 67
- Encoder/Resolver Signals
- High EMC protection





Pancake and radial slipring modules with multi gold wire contact technology

- Plug And Play design
- High and low current DC or AC channel up to 100 A
- Low contact noise (5 to 30 mOhm)
- CAN, Profi Bus, RS422
- Ethernet 100 MBit
- Coaxial high frequency transfer 50 Ohm and 75 Ohm, low VSWR and Insertion loss
- IP level up to IP 67
- Maintenance free





Pancake and slipping modules with customized multi gold wire contact technology

- Customized high density design
- Low contact noise (5 to 30 mOhm)
- Different kind of signal and power transfer
- Up to 10A
- CAN, Profi Bus, RS422
- Ethernet 100 MBit Gigabit Ethernet

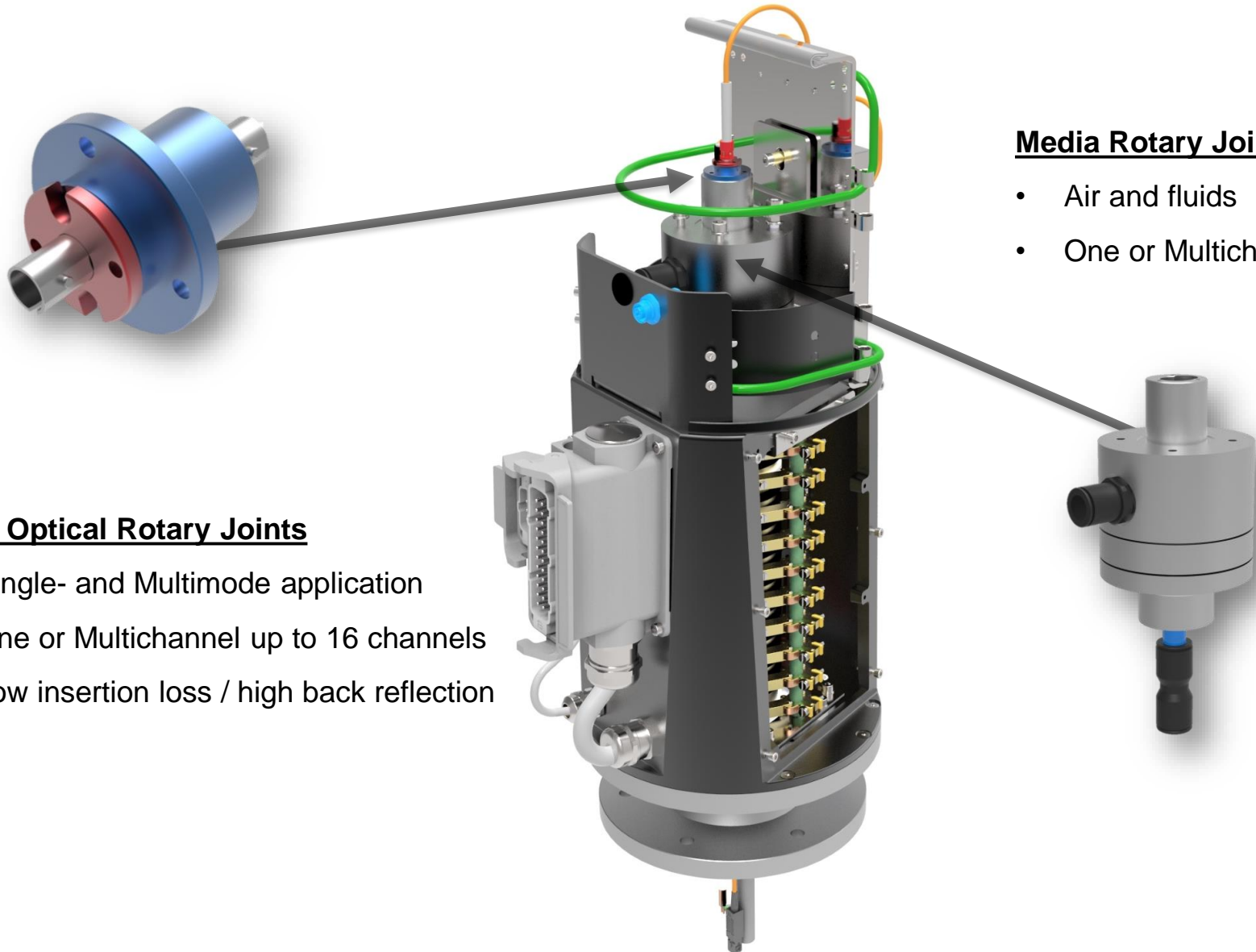
- Coaxial high frequency transfer 50 Ohm and 75 Ohm, low VSWR and Insertion loss
- Maintenance free

Media Rotary Joints

- Air and fluids
- One or Multichannel

Fiber Optical Rotary Joints

- Single- and Multimode application
- One or Multichannel up to 16 channels
- Low insertion loss / high back reflection





- Rolling stock & track side
- Disconnecter switch 750/1500/3000V/up to 4000A
- Earthing switch
- Manual & Automatic drive
- Key multiplier
- Secondary interlock
- Voltage detectors
- Complete equipped cabinets steel/polyester
- Interlock system

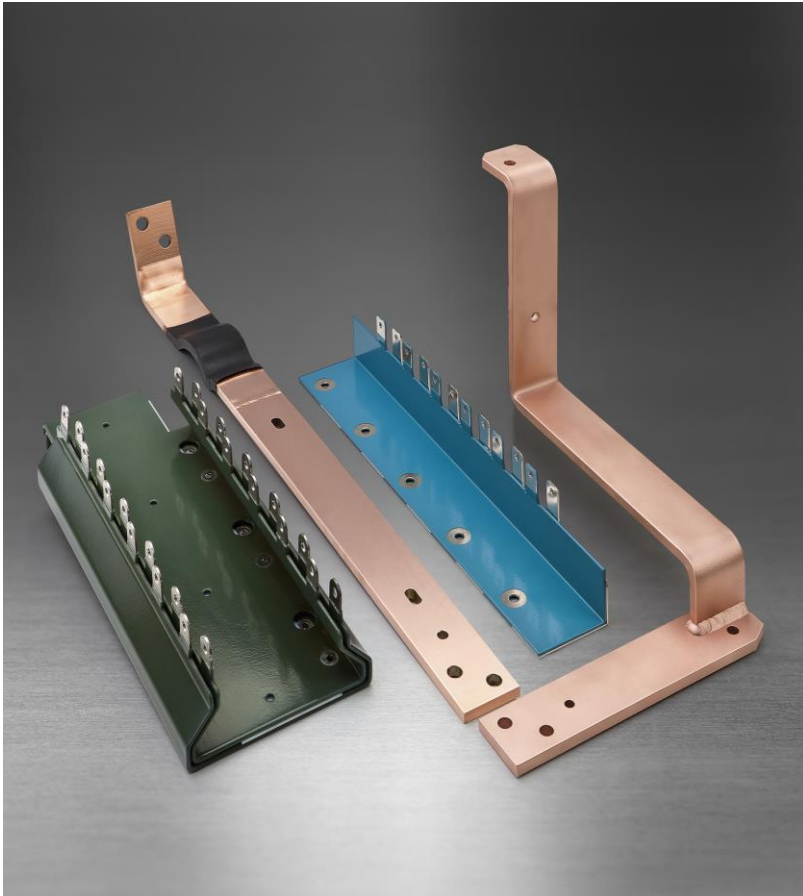




Product listing:

- Laminated foils and straps
- Flat braids
- Round braids
- Water cooled cables
- Bus bars
- Brush holders

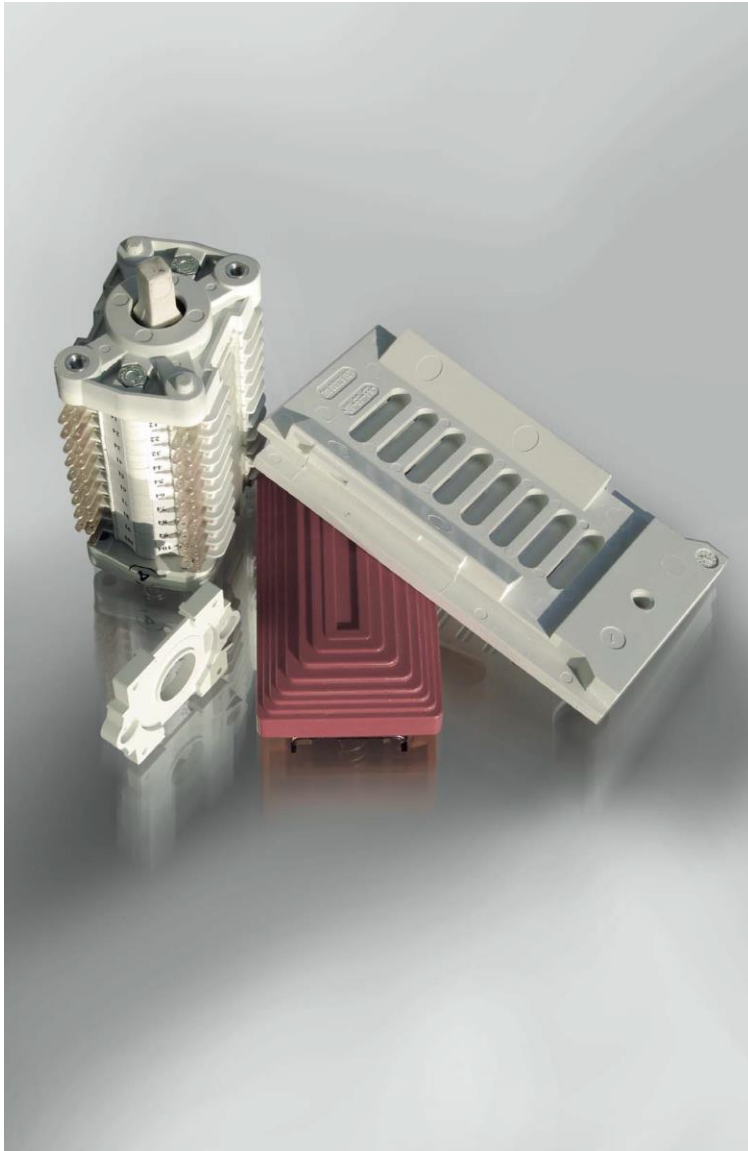
TÜV-certified to **DIN EN ISO9001**



We are specialized in the manufacturing of welded (protective gas – pressure welded) high current components and bus bars made of copper and aluminium. Product range:

- Laminated foils and straps
- Flat braids-Round braids
- Water cooled cables-insulated bus bars packages
- Brush holders

Kraus Elektrotechnik is certified according to **EN15085**



Manufacturing process:

- Duroplast pressing
- Duroplast injection moulding
- Thermoplastic moulding
- Sub assemblies
- Tampon pad
- Tool and equipment construction
- Insulation casting of electrical component parts

As a successful company, we take special responsibility for **quality** and **service**. We are certified to **DIN EN ISO 9001** and **DIN EN ISO14001**.



With our design teams we are continuously developing our product range to offer you the most up to date solution for your requirements. With our rapid and reliable service we can provide you with assistance in realizing your needs with our **global sales offices**.

TECHNOLOGY

Patented Technology

Customised Design

QUALITY

100% Quality Control

Integrated Management

SERVICE

Technical Consultance

After-Sales-Service





**DIN EN ISO –
CERTIFICATES**

- DIN EN ISO 9001
- DIN EN ISO 14001
- DIN EN ISO 15085-2

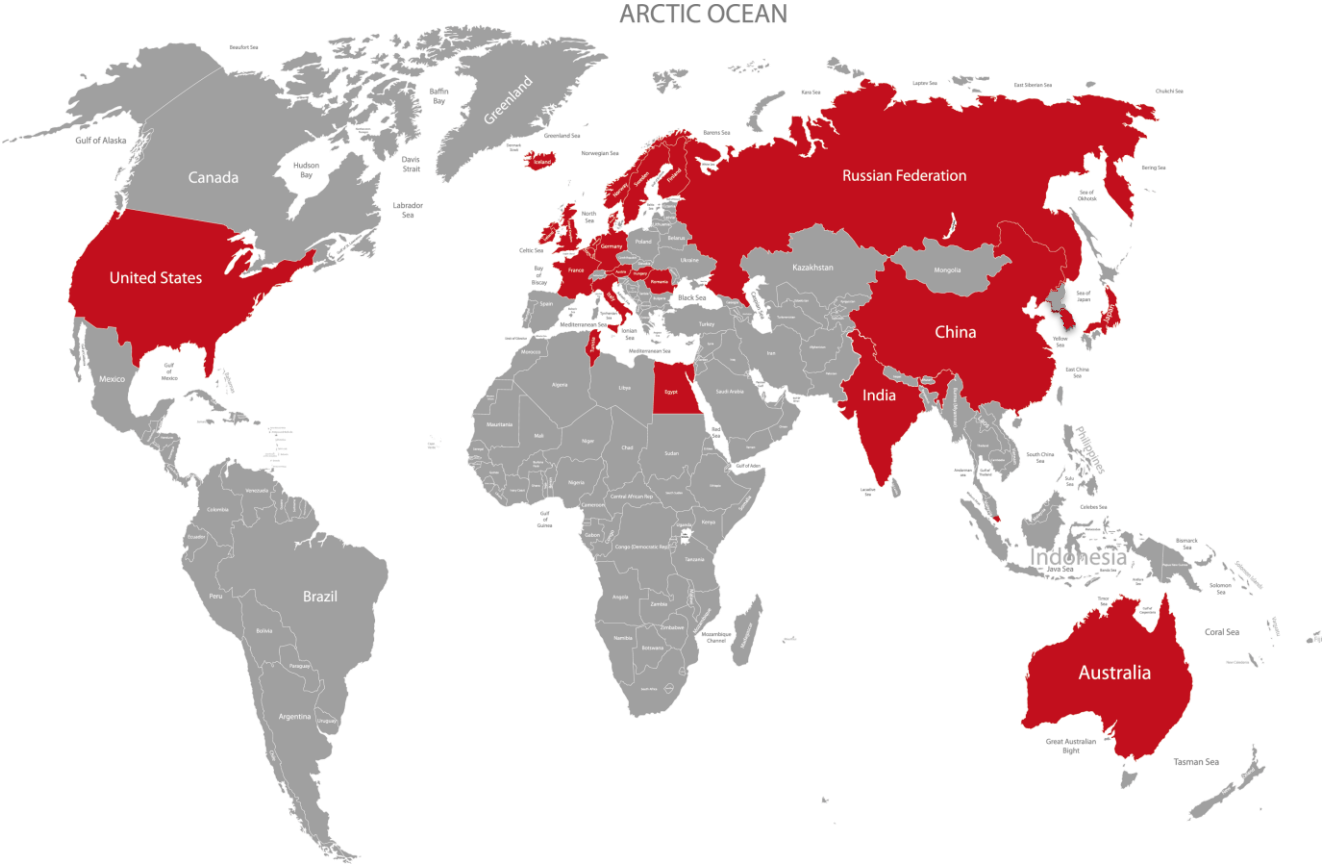
**EXPLOSION-PROOF-
CERTIFICATES**

- EPS 13 ATEX Q 615
- EPS 12 ATEX 1 437 X
- TPS 05 ATEX 1 154 X
- EPS 11 ATEX 1 371 X
- TPS 07 ATEX 1 283 X

**ENVIRONMENTAL
MANAGEMENT**

- B.A.U.M. 1
- B.A.U.M. 2
- UMWELTPARK BAVARIA
- DIN EN ISO 14001





Kraus distribution channel covers **4** Continents and **27** Countries.

With the headquarter in Germany we have **3** Affiliates in France, China and Japan.

Thanks to our Know-How, high quality and global service worldwide renowned companies such as **ABB, Alstom, Liebherr, Deutsche Bahn, Bombardier, Siemens** and **leading Defence OEMs** rely on **KRAUS** technology.

Kraus® 
Elektrotechnik



EKR



Kraus® 
Electrical China



Kraus® 
Kunststofftechnik



KRAUS
Aindlinger Str. 13
86167 Augsburg
Germany

Tel. + 49 821/79609-0

Fax. + 49 821/79609-26

Email: zentrale@kraus.de

Website: www.kraus.de