

**Klauke®**



# SYSTEM SOLUTIONS FOR DATA CENTERS

# ELECTRICAL CONNECTION SYSTEMS



## Tubular cable lugs, Cu, standard type 6 - 400 mm<sup>2</sup>, R-Series

- For multi-stranded round conductors, e.g. to EN 60228 Cl. 2
- In combination with EKM 60 ID and EK 30 ID suitable for fine-stranded conductor
- For pre-rounded multi-stranded sector shaped conductors



## Tubular cable lugs, acc. to DIN, Cu 6 - 1000 mm<sup>2</sup>

- For round conductors, e.g. acc. to EN 60228 Cl. 1, 2, 5 and 6
- For non-tension copper cables, e.g. to DIN 48201-1
- For pre-rounded multi-stranded sector shaped conductors



## Tubular cable lugs for switchgear connections, standard type 35 - 300 mm<sup>2</sup>

- For multi-stranded round conductors, e.g. to EN 60228 Cl. 2
- In combination with EKM 60 ID and EK 30 ID suitable for fine-stranded conductor
- For connecting in switch cabinets with reduced connecting space



## Tubular cable lugs, Cu 10 - 300 mm<sup>2</sup>, F-Series

- For fine and superfine stranded round conductors, e.g. to EN 60228 Cl. 5 and 6
- Pipe dimension adjusted for fine and superfine stranded conductors
- Simple introduction of spliced conductors due to special widening



## Compression cable lugs, Al/Cu and Aluminium

**Al/Cu: 16 - 400 mm<sup>2</sup>,  
Aluminium: 16 - 500 mm<sup>2</sup>**

- For non-tension connections of Al conductors acc. to EN 60228
- Tube dimension to DIN 46329

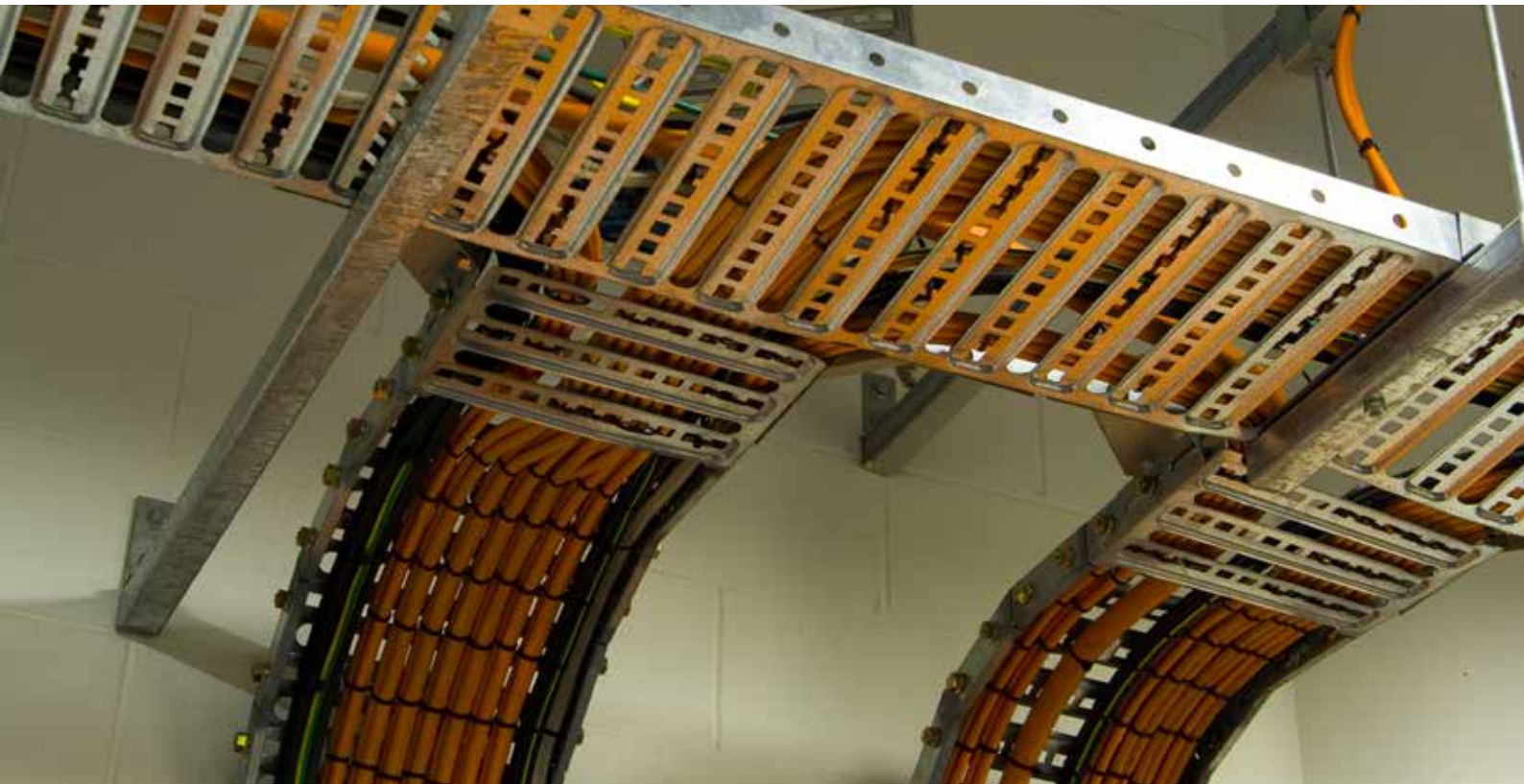


## Compression joints, Al/Cu and Aluminium

**Al/Cu: 10 - 300 mm<sup>2</sup>,  
Aluminium: 16 - 300 mm<sup>2</sup>**

- For non-tension connections of Al conductors acc. to EN 60228
- Tube dimension to DIN 46329





### Insulated wire ferrule according to DIN with Easy-Entry

- For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- Easy-Entry insulation for splice-free cable insertion
- Alternative color coding available



### Insulated crimped cable lugs 0,1 - 6 mm<sup>2</sup>

- For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- According to DIN 46237
- High-quality brazing process in the crimping area



### C-type branch clamps, Cu, multi-purpose clamps

- For non-tension copper cables, e.g. acc. to DIN 48201-1
- Ideal for clamping different conductor cross-sections e.g. acc. to EN 60228 Cl. 1 and 2
- No need to cut the main conductor
- Optimum conducting characteristics in combination with grease



### C-type branch clamps, Cu

- For non-tension copper cables, e.g. to DIN 48201-1
- Ideal for clamping identical conductor cross-sections e.g. to DIN EN 60228 Cl. 1 and 2
- No need to cut the main conductor



### Branch clamps in H-type, Cu

- For non-tension copper cables, e.g. acc. to DIN 48201-1
- Ideal for clamping identical conductor cross-sections e.g. acc. to EN 60228 Cl. 1 and 2
- Lightning protection tested to EN 50164-1
- No need to cut the main conductor



# CRIMPING & CUTTING



## EK WF 120 ML

**Battery powered hydraulic crimping tool 6 - 120 mm<sup>2</sup>**

- Safe crimping with innovative technology
- Innovative square (comb) pressing
- No change of crimping dies required



## EKM 60 ID

**Battery powered hydraulic crimping tool 10 - 240 mm<sup>2</sup>**

- Extra large crimping area due to innovative 2-stage telescopic cylinder
- Indent crimping – no change of crimping dies required



## EKM 60/22

**Battery powered hydraulic crimping tool 6 - 300 mm<sup>2</sup>**

- **Extremely fast:**  
Automatic retract stop (ARS) for positioning control in case of multiple crimps



## EK 120/42

**Battery powered hydraulic crimping tool 16 - 400 mm<sup>2</sup>**

- Up to 60 % fewer crimps thanks to wide crimping in comparison to 6 t tools
- C-head with very wide crimping range to 400 mm<sup>2</sup>



## EK 135 FT

**Battery powered hydraulic crimping tool 10 - 630 mm<sup>2</sup>**

- Very large crimping range to 630 mm<sup>2</sup>
- Very powerful with a crimping force of 13.5 t



## EK 60 VP/FT

**Battery powered hydraulic crimping tool 16 - 300 mm<sup>2</sup>**

- Suitable for crimping tubular cable lugs and connectors to 300 mm<sup>2</sup>
- Quad-point indent crimping with patented centring system, no crimping dies required





## ESM 50

**Battery powered hydraulic cutting tool 50 mm dia. for copper and aluminium cable**

- For cutting copper and aluminium cables (fine-stranded also)
- Saves time with multiple cuts thanks to innovative opening mechanism
- Sehr geringes Gewicht (3kg)



## ES 85 / ES 105

**Battery powered hydraulic cutting tool Ø 85 mm / Ø 105 mm for copper and aluminium cables**

- Saves time with multiple cuts thanks to innovative opening mechanism
- Also suitable for cables with lightweight steel armouring (depending on cable type)



## EK WF 50 ML

**Electromechanical crimping tool 0.5 - 50 mm<sup>2</sup> for cable end-sleeves and twin cable end-sleeves**

- One crimping profile to suit all common conductors
- Fast, easy replacement of crimping dies
- Fewer crimpings thanks to optimal application width



## EK SD 50 ML

**Electromechanical Stripping Tool 6 - 35 mm<sup>2</sup>**

- One tool for all common insulation types
- Replacing inserts is fast and easy
- Fast and effortless stripping and cutting



## EKM 60 UNV

**Battery powered hydraulic universal tool 6 - 300 mm<sup>2</sup>**

- One head for crimping, cutting and punching - one tool for all



## EBS 6 L GKS

**Battery powered hydraulic cable tray cutter 6 mm dia.**

- No follow-up work required thanks to burr-free cutting
- Fast and efficient operations:  
The cut is made in less than 1 second





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