

EK430 2.0 outdoor cabinet used as a meter connection column

Langmatz outdoor cabinets are known for their high-quality materials, durability, and expansion flexibility. The optimised practical architecture of the EK430 impresses as a meter connection column. Thanks to its durable construction and module design, it is ideal for the future-proof expansion of the charging infrastructure. Its sophisticated design ensures its ease of installation and maintenance, as well as assembly and customisation in line with the distribution system operators' guidelines on request. For some time, the EK430 has proved its outstanding properties in its use as a power terminal interface pillar or fibre distribution cabinet.

Construction

in accordance with VDE-AR-N 4100 for direct measurement with 1 – 2 m

▲ Inlet area

- Service connection box (SKB) 3-phase in accordance with DIN 43627
- Mains-side terminal compartment (300 x 300 mm) on insulated bus bar system
- Assembly and individual design in accordance with the distribution system operators' guidelines on request

▲ Meter area

- Meter field with room for additional applications (300 x 450 mm) in accordance with DIN VDE 0603-2-1 for meters with 3-point mounting or BKE-I
- Assembly and individual design in accordance with the distribution system operators' guidelines on request

▲ Outlet area

- System-side connection compartment 2 x 25 x 200 mm or 2 x 125 x 300 mm
- Assembly and individual design in accordance with the distribution system operators' guidelines on request



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Technical data

Designation	EK430 2.0 – Meter connection column
Dimensions	454 x 273 x 1443 mm (W x L x H)
Dimensions including pedestal	454 x 273 x 2003 (+ height adjustment) mm (W x L x H)
Total weight	approx. 39 kg
Material	Polycarbonate (PC)
Protection rating	IP 44 (IP 54 on request)
Impact strength	IK 10