

Low voltage distribution panels – AREBUS Model

Introduction

ARELSA, founded in 1979, specializes in the design and manufacture of customized low voltage cabinets for civil works, industry and services.

Engineering and assembling

We are responsible for the engineering and assembling of the cabinets, following our customers' requirements.

Staff

Our staff is highly experienced, with over 30% of technical or engineering degree holders.

Quality control

All our processes, including production, comply with the ISO 9001:2008 Norm as certified by AENOR and EQNET since 1996.

CE mark and warrant

All cabinets carry the CE mark and have a two-year warrant.

Facilities

Our state-of-the-art workshops are conveniently located 20 km north of Barcelona.



Low voltage distribution panels – AREBUS Model

Technical data

AREBUS **Low voltage distribution panels**
Up to 5.000 A/100 KA in DC.

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|------------------------------------|---|---|
| Electrical data | Service volatge Max. current | 3x400/230 V 5000 A |
| Busbar | Copper strip | |
| Test certification | Test lab Protocol Working voltage range DC current Peak withstand current Impluse voltage Industrial frequency voltage | LABELIN Nº 960125-MB-EB-01 3x 400/230 V 100 KA, 1 second 220 KA 7,5 KV 2,5 KV |
| Norms and quality | CE mark Quality certificates | UNE-EN 60439-1 UNE-EN ISO 9001/2008 AENOR ER-0420/1996 |
| Structural characteristics | It is formed by normalized modules that form ensembles. Each module is subdivided in independent compartments to house electrical appliances, busbars and output cables. | Self-porting ensembles Subdivided |
| Mechanical characteristics | Main frame Degrees of protection Surface Default color Models | Stainless steel plate, 2.5 mm thick. IP20 up to IP54 Plate is stripped, phosphated and imprinted with stoved enamel. RAL 7032 AREBUS 2 and AREBUS 3 |
| Dimensions | Total height Module height Module width Module depth | 2100 mm 2000+100 mm 300, 700 and 1000 mm 1000, 1300 and 1500 mm |
| Standard Working Conditions | Installation Ambient temperature Relative humidity Max. altitude | Internal for service -5 °C to 40 °C Max. 50% at 40 °C ≤ 2000 m. |