Aluminum Electrolytic Capacitors

Capacitors with screw terminals – Selection chart

Date: February 2021

Capacitors with screw terminals

Selection chart

Low-voltage series

85 °C

B41456 / B41458
16 … 100 V
85 °C / > 12000 h

105 °C
Very compact

B41560 / B41580
25 … 100 V
105 °C / > 3000 h

High-voltage series

85 °C

B43701 / B43721
350 … 450 V
85 °C / > 5000 h

B43712 / B43732
350 … 450 V
85 °C / > 10000 h

105 °C

B43742 / B43762
350 … 500 V
105 °C / > 5000 h

High voltage

B43700 / B43720
550 ... 600 V
85 °C / > 8000 h

Very long useful life

B43713 / B43733
200 … 500 V
85 °C / > 15000 h

Very high ripple current

B43743 / B43763
350 … 500 V
105 °C / > 6000 h

Very compact

B43703 / B43723
350 … 500 V
85 °C / > 12000 h

Ultra compact

B43707 / B43727
400 … 450 V
85 °C / > 12000 h

High ripple current

B43704 / B43724
350 … 550 V
85 °C / > 12000 h

Outstanding ripple current

B43705 / B43725
350 … 450 V
85 °C / > 12000 h

Outstanding ripple current

B43706 / B43726
400 ... 500V
85°C / > 12000h

Important notes

The following applies to all products named in this publication:

1. Some parts of this publication contain **statements about the suitability of our products for certain areas of application**. These statements are based on our knowledge of typical requirements that are often placed on our products in the areas of application concerned. We nevertheless expressly point out **that such statements cannot be regarded as binding statements about the suitability of our products for a particular customer application.** As a rule, we are either unfamiliar with individual customer applications or less familiar with them than the customers themselves. For these reasons, it is always ultimately incumbent on the customer to check and decide whether a product with the properties described in the product specification is suitable for use in a particular customer application.
2. We also point out that **in individual cases, a malfunction of electronic components or failure before the end of their usual service life cannot be completely ruled out in the current state of the art, even if they are operated as specified.** In customer applications requiring a very high level of operational safety and especially in customer applications in which the malfunction or failure of an electronic component could endanger human life or health (e.g. in accident prevention or life-saving systems), it must therefore be ensured by means of suitable design of the customer application or other action taken by the customer (e.g. installation of protective circuitry or redundancy) that no injury or damage is sustained by third parties in the event of malfunction or failure of an electronic component.
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Important notes

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