

Technical data

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|----------------------------------------------|--------------------|----------------------------|
| Nominal capacitance | C_N | 135 $\mu\text{F} \pm 10\%$ |
| Nominal voltage dc | U_{NDC} | 900 V |
| AC voltage max | U_{MaxAC} | 125 V |
| Energy | W_N | 54,7 Ws |
| Max. current /1 kHz @ Busbar Temp < 50 °C | I_{Max} | 100 A |

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|----------------------------|-----------------------------|----------------------|
| Max. periodic Peak current | $\hat{I}_{\text{Periodic}}$ | 2700 A |
| Max. Pulse rise time | $\Delta U/\Delta t$ | 20 V/ μs |
| Series resistance | R_{ESR} | < 1 m Ω |
| Dissipation factor | $\tan\delta$ | 8,7 $\times 10^{-4}$ |
| Therm. Resistant to Busbar | R_{th} | 3,1 K/W |

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| Self inductance | L_E | 10,5 nH |
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|----------------------------|----------------------------|--------------|
| Min. Operating temperature | ϑ_{min} | -25 °C |
| Max. Operating temperature | ϑ_{max} | +70 °C |
| Storage temperature | ϑ_{Lager} | -40...+85 °C |

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| Climatic category DIN IEC 68/1 | 25/070/21 |
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Test Data

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|--------------------------------|-----------------|-----------------|
| Test voltage between terminals | U_{TT} | 1350 V dc / 10s |
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|------------------------|----------|
| Life expectancy | 100000 h |
| @ hot spot | 60 °C |
| Failure rate | FIT 100 |

General technical data

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|-------------------|------------------------------------------------------------------------------------------|
| Coating | PA 66 plastic case with polyurethane resin sealing Flame retardant UL 94V-0 compliant |
| Dielectric | Polypropylene |
| Terminals | Nickel-plated brass inserts M5 x 7,5 mm |
| Torque M8 | 6 Nm |
| Creepage distance | 29 mm |
| Weight | ~ 0,4 kg |

