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T.S. N°: 2K7739 REV.A  
Date: 25.10.2018  
Signature MC  
Approval: DT DQ  
Sheet 1 of 2

## TECHNICAL SPECIFICATION

### THREE PHASE POWER-FACTOR CORRECTION CAPACITORS

Self-healing metallized dielectric capacitor, metallic casing,  
resin filled, dry. Overpressure disconnecter.

# CRT-E-100208-9-230

#### RATINGS, GENERAL CHARACTERIST.

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Rated Capacitance Cn 3 x 150 $\mu$ F (Delta connection)  
Capacitance tolerance +10-5 %  
Rated A.C. Voltage Urms 230 V  
Rated frequency f 60 Hz  
Rated Power Qn 9,0 kvar  
Max operating AC voltage Umax 250 V  
Peak voltage Us (not repetitive) 650 V  
Rated r.m.s. current In 22,6 A  
Max operating current Imax 29,4 A  
Maximum peak current i 2.300 A  
Temperat.coeff.of capacitance - 260 ppm / °C  
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#### TEST DATA

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AC Test between terminals, 10s 490 V  
AC Test between terminals and case, 10s 3.000 V  
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#### ENVIROMENTAL CHARACTERISTICS

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Climatic Category: T min = - 25 °C T max = + 55 °C  
Storage temperature: Ts min = - 40 °C Ts max = + 85 °C  
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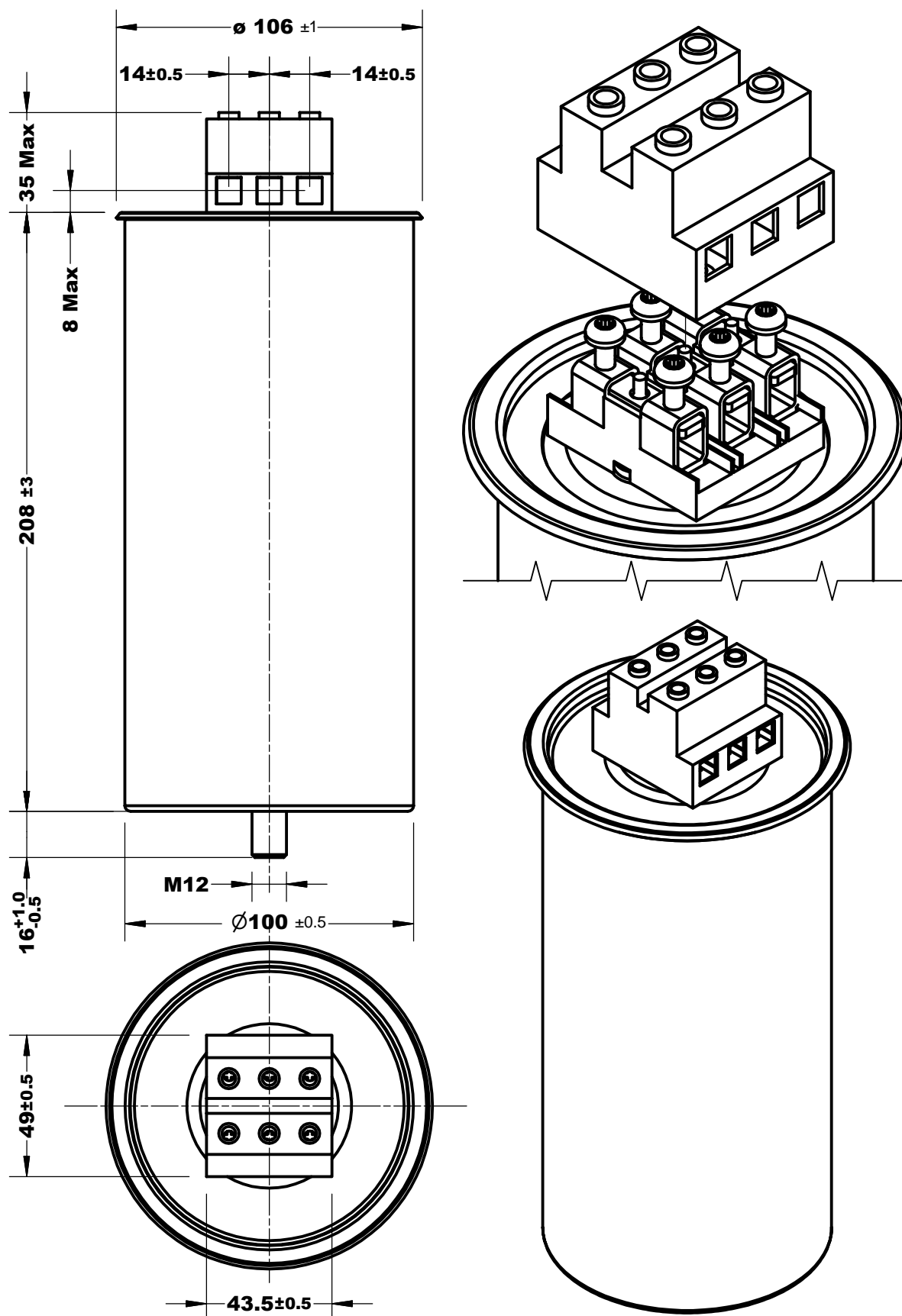
#### RELIABILITY at MAX HOT SPOT

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max expected number failures  
per 10exp9 components hours -  
Expected life (Ln) 500 fit  
100.000 h at 55°C hot spot  
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#### MECHANICAL CHARACTERISTICS

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Case dimensions: D 100.0 H 208.0 mm  
Fixing: Stud M12 x 16 mm  
Maximum torque (fixing): 10 Nm  
Case material: Aluminium, black painted  
Terminals: Terminals board connection  
Maximum torque: 3 Nm  
Approx weight: 2.000 g  
Creepage distance: 19 mm  
Clearance: 19 mm  
Reference: IEC EN 60831 - 1 IEC EN 60831 - 2  
UL approved - file number E99479  
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**CRT - E - 100208 - 9 - 230**