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T.S. N°: 2K7370 REV.B
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-116208-30-480

RATINGS, GENERAL CHARACTERIST.

Rated Capacitance Cn 3 x 115,5 μ F (Delta connection)
Capacitance tolerance +10-5 %
Rated A.C. Voltage Urms 480 V
Rated frequency f 60 Hz
Rated Power Qn 30,0 kvar
Max operating AC voltage Umax 530 V
Peak voltage Us (not repetitive) 1.400 V
Rated r.m.s. current In 36,1 A
Max operating current Imax 47,0 A
Maximum peak current i 3.600 A
Temperat.coeff.of capacitance - 260 ppm / °C

TEST DATA

AC Test between terminals, 10s 1.030 V
AC Test between terminals and case, 10s 3.000 V

ENVIROMENTAL CHARACTERISTICS

Climatic Category: T min = - 25 °C T max = + 55 °C
Storage temperature: Ts min = - 40 °C Ts max = + 85 °C

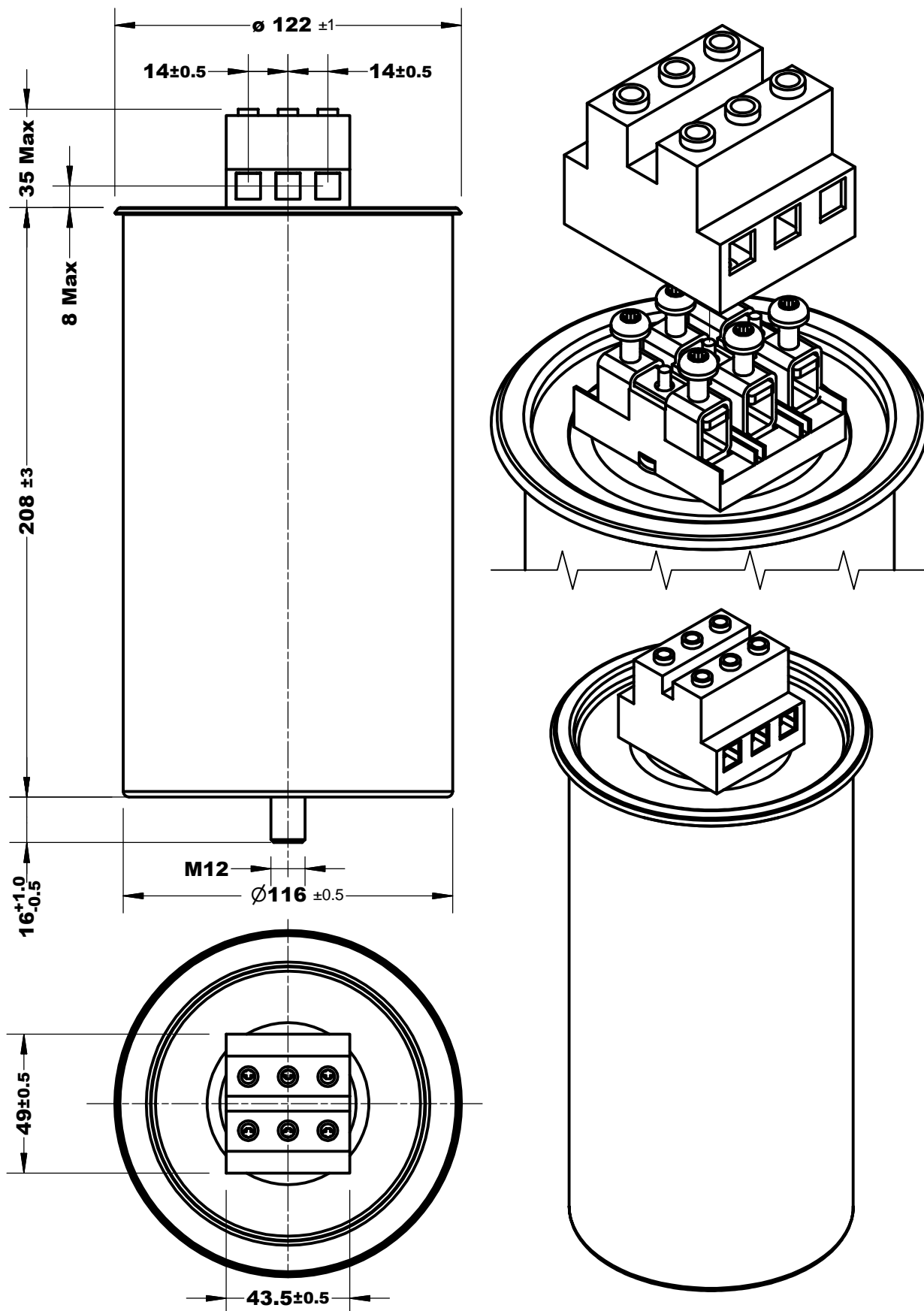
RELIABILITY at MAX HOT SPOT

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

MECHANICAL CHARACTERISTICS

Case dimensions: D 116.0 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: 2.600 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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