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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-85208-6-230

RATINGS, GENERAL CHARACTERIST.

----- : -----
Rated Capacitance Cn 3 x 100 μ F (Delta connection)
Capacitance tolerance +10-5 %
Rated A.C. Voltage Urms 230 V
Rated frequency f 60 Hz
Rated Power Qn 6,0 kvar
Max operating AC voltage Umax 250 V
Peak voltage Us (not repetitive) 650 V
Rated r.m.s. current In 15,0 A
Max operating current Imax 19,5 A
Maximum peak current i 1.500 A
Temperat.coeff.of capacitance - 260 ppm / °C

TEST DATA

----- : -----
AC Test between terminals, 10s 490 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 500 fit
Expected life (Ln) 100.000 h at 55°C hot spot

MECHANICAL CHARACTERISTICS

----- : -----
Case dimensions: D 85.0 H 208.0 mm
Fixing: Stud M12 x 16 mm
Maximum torque (fixing): 10 Nm
Case material: Aluminium, not painted
Terminals: Terminals board connection
Maximum torque: 3 Nm
Approx weight: 1.600 g
Creepage distance: 19 mm
Clearance: 19 mm
Reference: IEC EN 60831 - 1 IEC EN 60831 - 2
UL approved - file number E99479

TECHNICAL SPECIFICATION

