VMTEC
power of life

TECHNICAL SPECIFICATION

THREE PHASE POWER-FACTOR CORRECTION CAPACITORS
Self-healing metallized dielectric capacitor, metallic casing,
resin filled, dry. Overpressure disconnector.

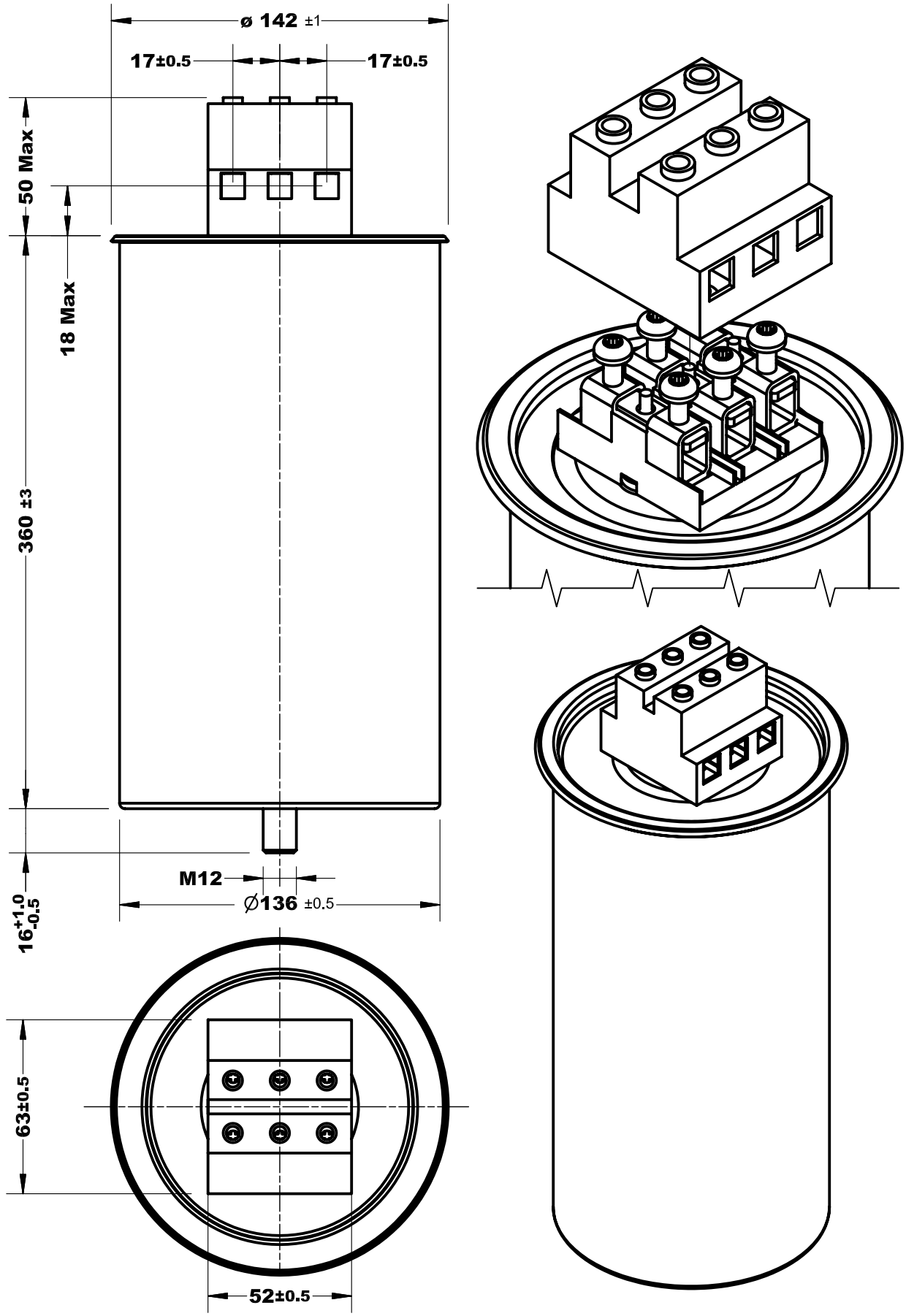
CRT-E-136360-50-415

RATINGS, GENERAL CHARACTERIST.	:
Rated Capacitance Cn	3 x 308 µF (Delta connection)
Capacitance tolerance	+10-5 %
Rated A.C. Voltage Urms	415 V
Rated frequency f	50 Hz
Rated Power Qn	50,0 kvar
Max operating AC voltage Umax	450 V
Peak voltage Us (not repetitive)	1.200 V
Rated r.m.s. current In	69,6 A
Max operating current Imax	90,4 A
Maximum peak current i	6.900 A
Temperat.coeff.of capacitance	- 260 ppm / °C

TEST DATA	:
AC Test between terminals, 10s	890 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 = - 55 °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 136.0 H 360.0 mm
Fixing:	Stud M12 x 16 mm
Maximum torque (fixing):	10 Nm
Case material:	Aluminium
Terminals:	Terminals board connection
Maximum torque:	6 Nm
Approx weight:	5.500 g
Creepage distance:	19 mm
Clearance:	19 mm
Reference:	IEC EN 60831 - 1 IEC EN 60831 - 2

VMTEC
power of life

TECHNICAL SPECIFICATION



CRT - E - 136360 - 50 - 415