

# RM1000 series Rack-mounted MV Auto Capacitor Banks



**gentec**

*The reactive power solution*



## **INSTALLATION WORK MINIMIZED**

When it comes to high voltage capacitors, Gentec is the name to remember. Whatever your exact needs, Gentec can supply the right product.

The Gentec Capacitors range is both flexible and comprehensive, with a large number of options available:

- Open fixed or automatic construction
- High or low power
- Fixed power

We build the capacitor to match your precise requirements, and we can also produce special designs for use in places where space is restricted or climatic conditions are difficult.

Gentec / Nokian Capacitors also manufacture its own unbalance relays.

Gentec RM1000 capacitor bank are designed for maximum possible ease of installation, and allowance is also made for the special requirements imposed by Distribution Station. The capacitor units are mounted in the frame and ready wired up before despatch from the factory. At the installation site it is only necessary to fix the frames in position and complete the connections.

### **TECHNICAL DATA - RM1000 series**

● Rated Voltage / Phase	7.5 to 35 kVolts / 3 phases
● Rated Frequency	50Hz or 60Hz
● Rated Power	2000 to 12000 kVAR / unit
● Power Factor Controller	12 steps NC12 controller
● Insulation level	60, 75, 95, 125 kV BIL
● Continuous overvoltage	110 %
● Continuous overcurrent	135 %
● Mounting type	Outdoor rack
● Construction Standard	UL, CSA, IEC

## ➤ Technical Data RM1000

Standard Features and Options :	5 kV	15 kV	25 kV
Aluminium rack	▪	▪	▪
Galvanised rack	○	○	○
Elevation structure	○	○	○
Internally fuse capacitors units	▪	▪	▪
Oil switches 1 pole c/w junction box and cables	▪	▪	▪
Vacuum switches 1 pole c/w junction box and cables	○	○	○
Damping reactor	▪	▪	▪
Control unit center :	▪	▪	▪
Power Factor controller	○	○	○
Var Controller	○	○	○
Zero voltage switching devices	○	○	○
Current Sensor	○	○	○
Voltage Sensor	○	○	○
Arrester Station class	○	○	○
Load break switches	○	○	○
Ground switches	○	○	○

▪ Standard ○ - Optional

## ➤ Outline Arrangement

