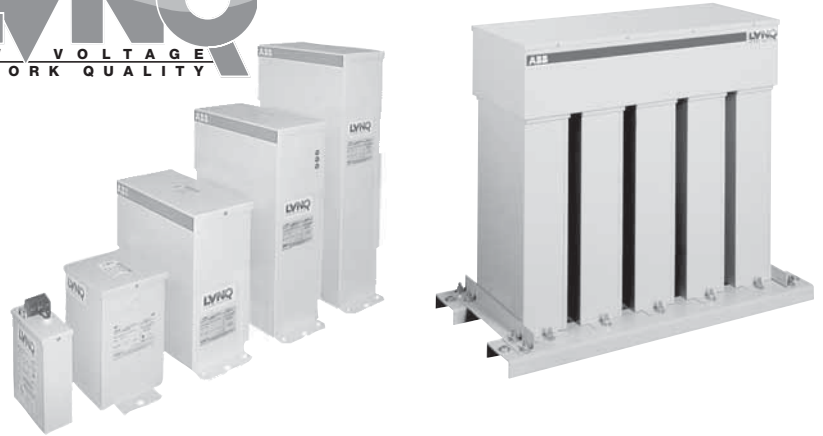




LYNO
LOW VOLTAGE
NETWORK QUALITY



Individual & fixed bank Capacitors

Description

- **High reliability**
Well proven features of ABB dry type power factor correction capacitor technology are incorporated into individual and fixed bank designs.
- **Very low losses**
Capacitor total losses are less than 0.5 watts per kvar.
- **Discharge mechanism**
Carbon filament or wire-wound resistors sized to automatically discharge the capacitor to less than 50 volts in under one minute.
- **Tolerance on capacitance**
0%, +15%
- **Overcurrent tolerance**
135% of rated current, continuously
- **Overvoltage tolerance**
110% of rated voltage, continuously
- **Standard ambient temperature range**
-40°C to +40°C (-40°F to +104°F)
- **Internal cables and insulation**
All internal conductors utilize stranded, tin plated copper wire. Insulation is fire-retardant, rated 105°C (220°F).
- **Complete environmental acceptability**
ABB capacitors have a dry type dielectric with no free liquid and do not pose any risk of leakage or pollution of the environment. Therefore, employee safety training and maintenance of Material Safety Data Sheets are not required with these capacitors.
- **Unique sequential protection system**
Patented system ensures that each individual capacitor element is selectively and reliably disconnected from the circuit at the end of its life.

continued next page

General information

Catalog numbering explanation

Fuse protection

- ABB capacitors are provided with patented IPE (Internally Protected Elements) which is an integral and important part of the Sequential Protection System. Additional fuses are NOT required for protection of ABB capacitor elements, but external overcurrent protection may be needed for the installation in order to meet the National Electric Code requirements concerning protection of the conductors feeding the capacitors.

Long life

Low losses and the self-healing properties of ABB capacitor elements help to guarantee the long operating life of individual and fixed capacitor banks from ABB.

Safety

Vermiculite, a nonflammable and nontoxic material, safely absorbs any energy produced within the capacitor enclosure.

Approvals

- UL, CE and CSA approved
 - UL File #E135667
 - CSA File #LR88616
- Complies with applicable requirements of IEC, NEC®, NEMA CP-1, ANSI and IEEE std. 18.

Factory modifications

- Mounting brackets
- Terminal connected fuses & blown fuse indication
- State indication

NOTE: National Electric Code® and NEC® are registered trademarks of the National Fire Protection Association, Inc., Quincy, MA 02269

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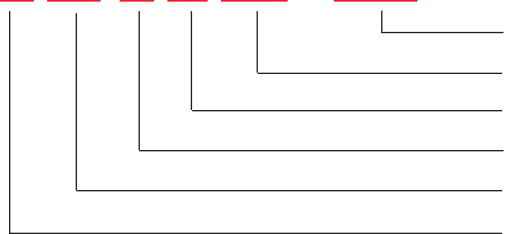


ABB Capacitor catalog numbering system

Factory modifications

kvar rating

Enclosure type – *G=NEMA 1, R=NEMA 3R, D=NEMA 12*

Enclosure size – *4=43, 5=53, 6=63, 8=83, 9=93*

Voltage – *20=208V, 24=240V, 48=480V, 60=600V*

Capacitor type – *C=Individual, F=Fixed bank, P=Pump jack*