

## GENERAL **DESCRIPTION**

DIRAM's containerized solution offers plug and play harmonic mitigation and reactive power compensation.

These systems are designed for industrial and utility applications, where medium voltage power factor correction and harmonic mitigation is required.

The customer could decide the configuration as fixed or automatic and the number of states. Also protection and control may be customized.

We have proven experience in many industrial process such as cement, mining, food, paper, chemical, wind farms and petroleum.

FALCON MT



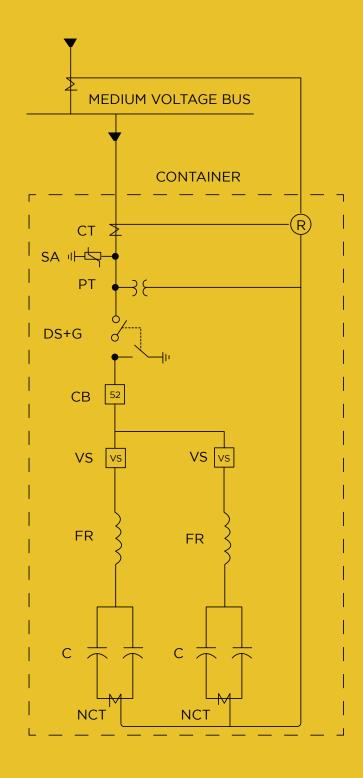


- Operating voltage: 2.4 kV 34.5 kV
- Reactive Power: 0.6-9.6 MVAR (per container)
- Filter Types: Notch, High Pass, Multi-Tuned
- Control Type: Fixed, Single Step, Multi-Step
- Impulse withstand voltage: 60 kV 200 KV
- Enclosure: NEMA1, 3R
- Real time HMI monitoring system



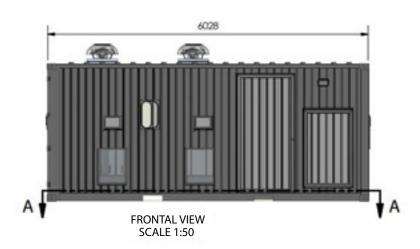
### MAIN COMPONENTS

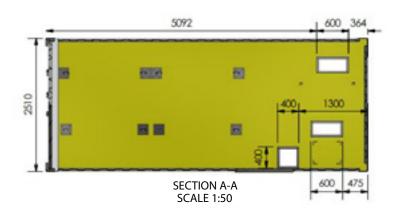
ITEM	DESCRIPTION
СТ	Current Transformer
SA	Surge Arrester
PT	Potential Transformer
DS+G	Disconnect Switch + Ground
СВ	Circuit Breaker
VS	Vacuum Switch
FR	Filter Reactor
С	Capacitors
NCT	Neutral Current Transformer

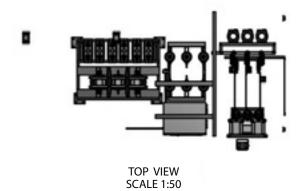


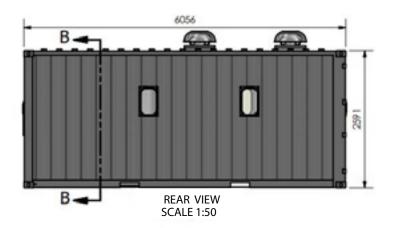
#### **DIMENSIONS**







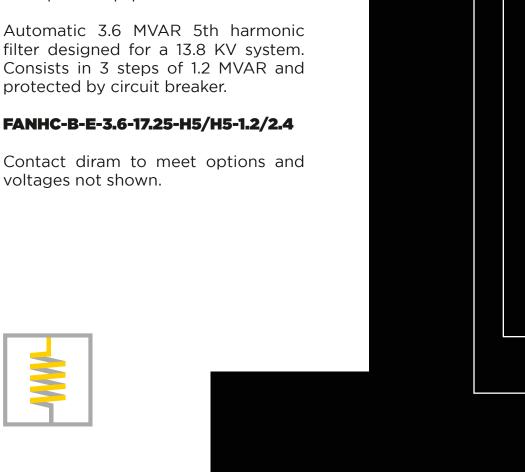




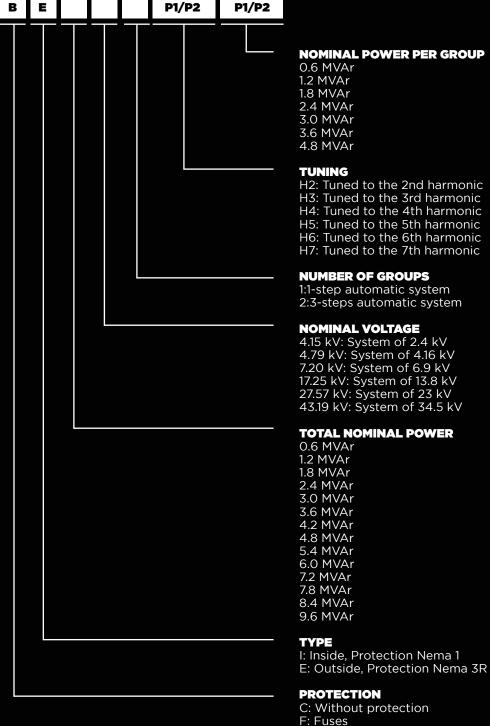
### **SELECTION** CODE

Example of equipment selection:

protected by circuit breaker.



**FANHC** 



B: Circuit Breaker

# PLUG & PLAY

- Small footprint
- Stacking solution for smaller footprint
- Ready to plug and play
- Customizable incoming compartment



