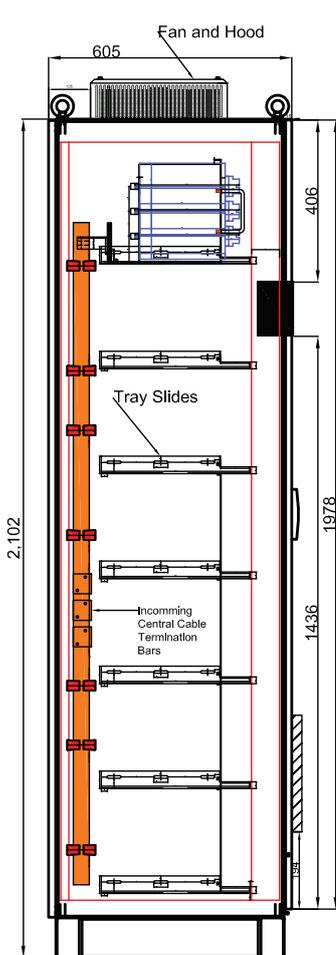


Power Factor Correction Systems

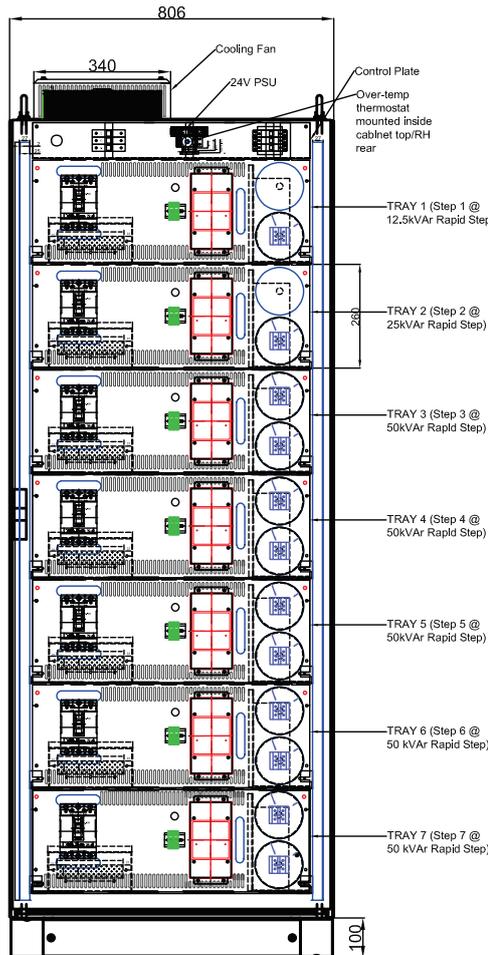
**Product: Capacitor Based Power Factor Unit.
Rapid Rearbus System**

**Description: Up to 300kVAr, Capacitor Based 7 step unit,
Standard Rearbus connection, which makes it easier to hot-swap trays.**

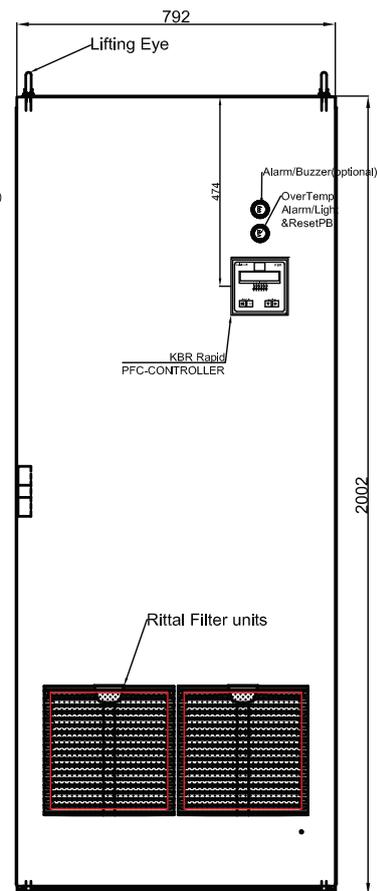
Major Part Vendor: Rittal, KBR, Elektra & Noark



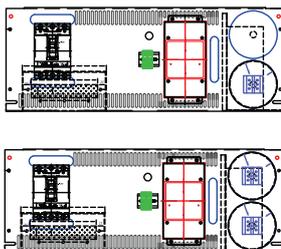
REAR BUS SYSTEM - Side view
(Side cover removed for clarity)



RITTAL TS8 8806.500
Front View - Door not
shown

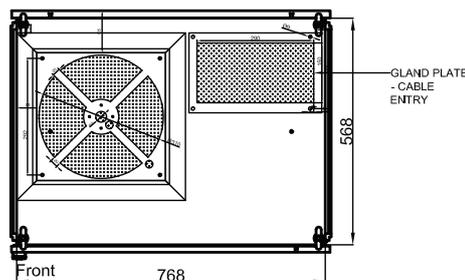


RITTAL TS8
8806.500 DOOR
CUTOUT VIEW
(showing internal
frame detail)



RAPID TRAY SYSTEM

- KBR Thyro Switch
- NOARC MCCB to suit step size
- Elektra Harmonic Blocking Reactor (187Hz)
- KBR Capacitors



REAR BUS SYSTEM - Top View

General:

Installed Cabinet Dimensions: 2,202H x 792W x 578D

Weight: 500kg+

Operating Temperatures: 65°C

Housing: Powdercoated mild steel (Rittal)

Warranty: 2 years components, 5 years workmanship

System Parameters:

Nominal Current: 1.35x kVAr Rating

Rated Voltage: 415V

Power Frequency: 50Hz

Protective Device for Supply: 1.5x nominal current

Overall Performance & Mechanical:

Contactor: NOARK - rated for tray size

Control: Thyroswitch KBR - 24VDC Controlled

Reactor: Elektra - tuned at 187Hz

Leading or Lagging: Lagging

Switching Speed: 20mS

Monitoring Capabilities: Modbus Communication

Cooling System: Thermostat Controlled

Over temperature Protection: Thermostat Controlled

Tray (Step) Performance & Mechanical

Net Weight per Tray: 60kg~

Rated Voltage: 415/440

Hot Swappable: True

kVAr Ratings Available: 6.25, 12.5, 17, 25, 33, 50

