



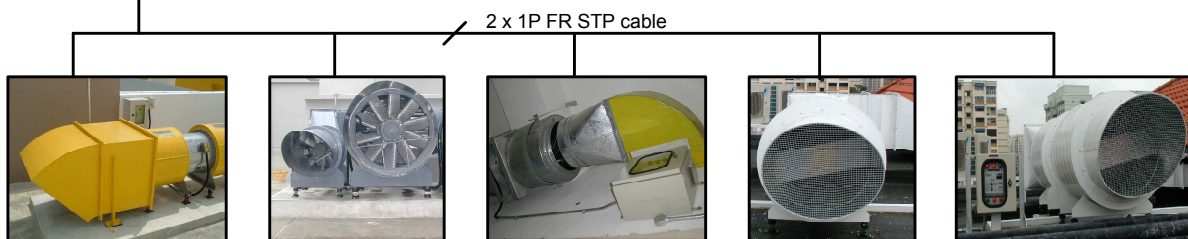
# PLC BASED STARTER PANELS



## PLC-Based Starter Panels — Low Cost Automation of MV Fan Systems

### FEATURES

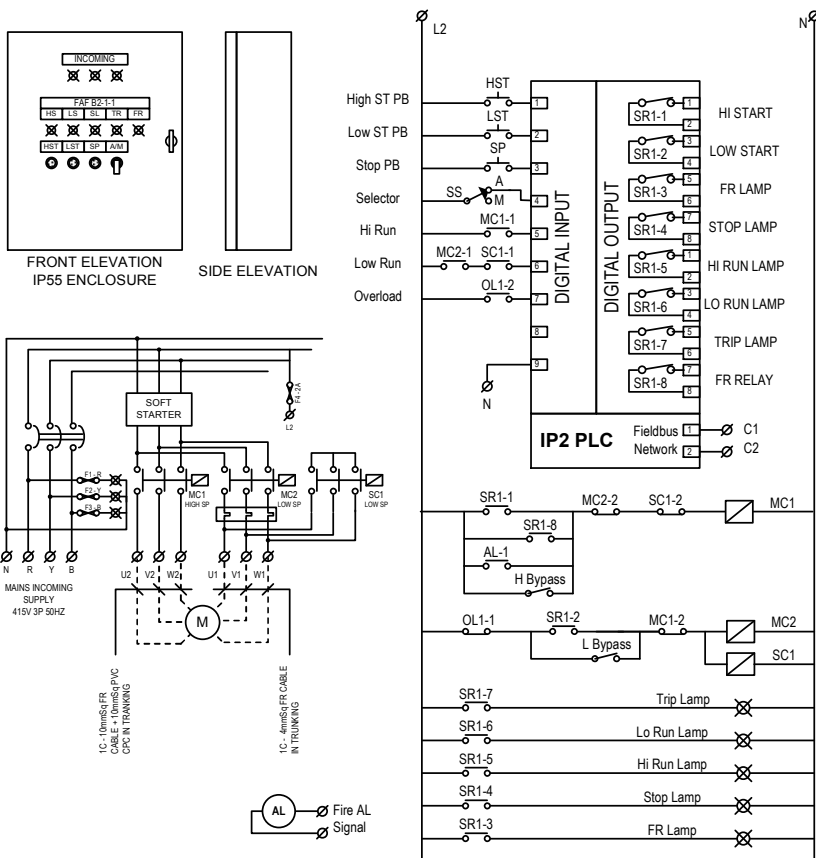
- ◆ Color LCD Touch Screen Panel with Graphics Interface (Or, Status Indicating Panel with LED Lamps and Push Buttons)
- ◆ Supports 32 units of PLC-Starter Panels in single Network (Expandable to 4 Networks)
- ◆ SMS Paging for Fault Reporting
- ◆ Fail-Safe Operation



### BENEFITS

- ❖ **Cost Savings** — Substantial savings in overall cable infrastructure. Depending upon size of building, realistic estimate of overall cost savings 30% percent.
- ❖ **Compact** — Energy Saving Color LCD Touch screen
- ❖ **Reliable** — Proven Fieldbus technology. Maximum of 1,200 meters Network cable distance
- ❖ **User Friendly** — Intuitive and user friendly touch screen operations or Status Indicating Panel with LED Lamps and Push Buttons

# PLC-BASED STARTER PANEL - FOR 2 SPEED FAN

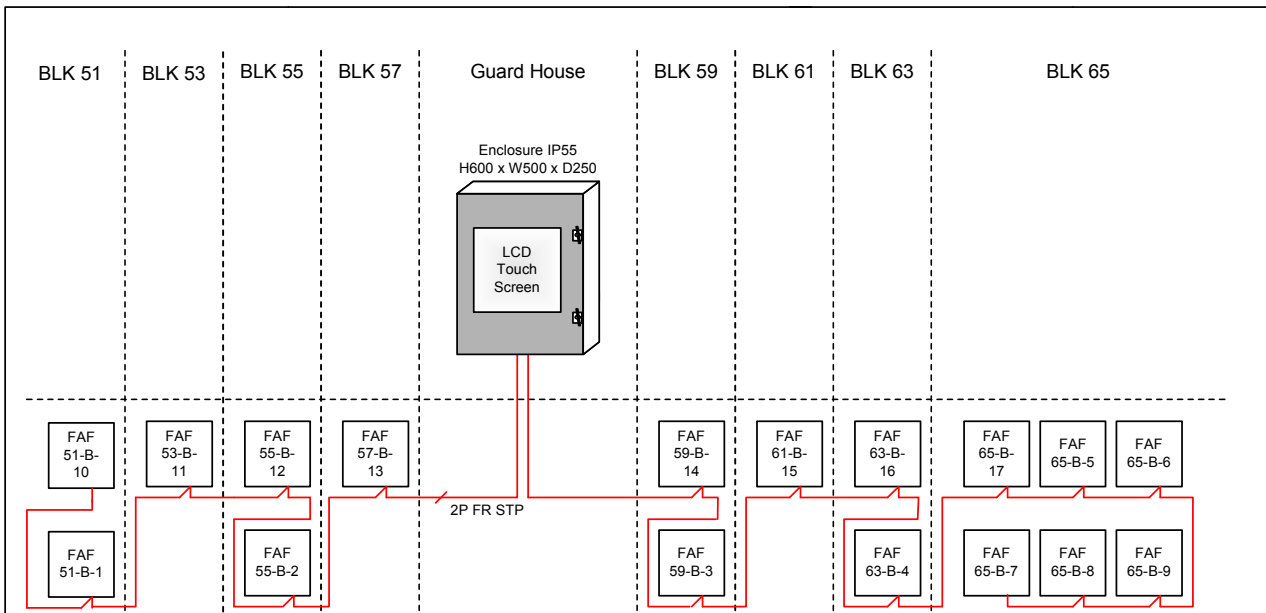


Starter Panels for MV Fans are electro-mechanical in design using relay controls. For a PLC-Based Starter Panel, the same relay controls are implemented using ladder logic program.

PLC have network capabilities, enables the MV Fan Starter Panels to communicate with a Master Panel, located in the Control Room. The Master Panel can be Color LCD Touch Panel with graphics display/ Status Indicating Panel with LED Lamps and Push Buttons.

Reduce cabling infrastructure cost associated with hardwiring of MV Fan System, depending upon size of building, a realistic estimate of overall cost savings is 30%

# PLC-BASED MV FAN SYSTEM FOR CONDOMINIUM CAR PARK



Master Panel using Color LCD Touch Screen with Graphics Display. Cabling Requirements - 2 x 1P FR STP Cable. Operations - Manual Control or Automatic 7-Day Schedule. Automatic SMS Paging for fault reporting.

Please Contact...

**IPanel Pte. Ltd. (RCB: 20-0006429-W)** 51 Ayer Rajah Crescent #02-01/02. Singapore 139948.  
T: 65-6872 0344 F: 65-6776 7903. Email: sales@ipanel.com.sg