

AMFi Transformation



List Of Changes

- New KATS1000 LVM
- Acrylic Cover replaced with Panel Cover
- Bracket support for Control and Power Terminals
- Contactor Mounting changed to base Mounting
- Poka Yoke based design

New KATS1000 LVM

Benefit

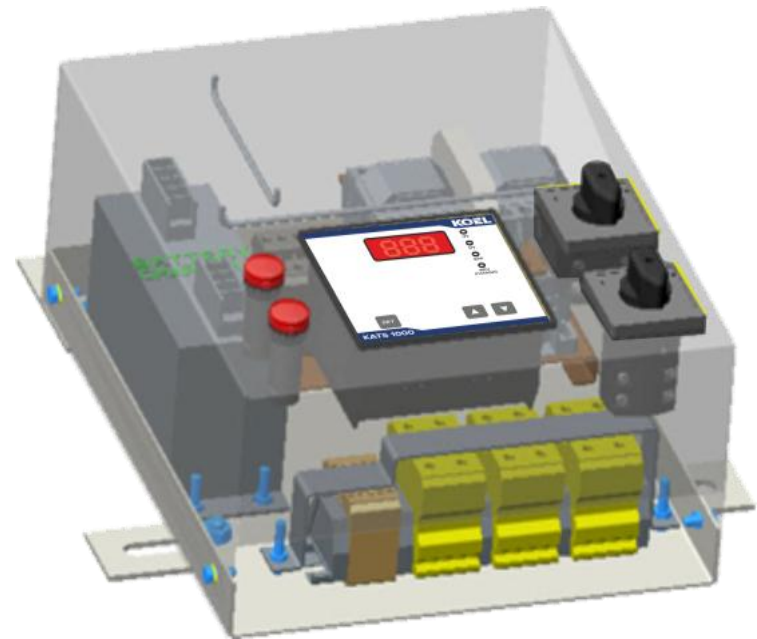
- New KATS 1000 LVM enables the users to monitor the real time line parameters.
- Better User Interface
- Users can change the Settings of protection parameters like Under Voltage and Overvoltage thus giving them the required flexibility.



Support Bracket for Power Terminals

Benefit

- Power Terminal support will reduce the dismantling of terminals during transportation.
- Presence of cable tie bracket will prevent the loosening of cables during transit.



Contactor Mounting changed to Base Mounted

Benefit

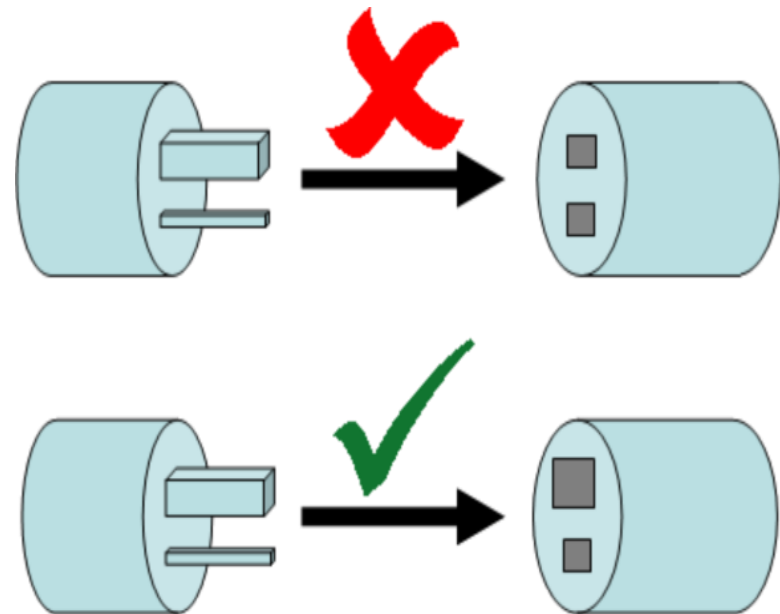
- Contactors are now Base mounted rather than Din rail mounted in earlier version. This reduces the instances of Contactor loosening from the din rail.
- Number of fuse increased from 2 to 5. Contactor coils supplied through fuse prevents the flow of high current which protects the coils as well as corresponding relays.



Poka Yoke based Design

Benefit

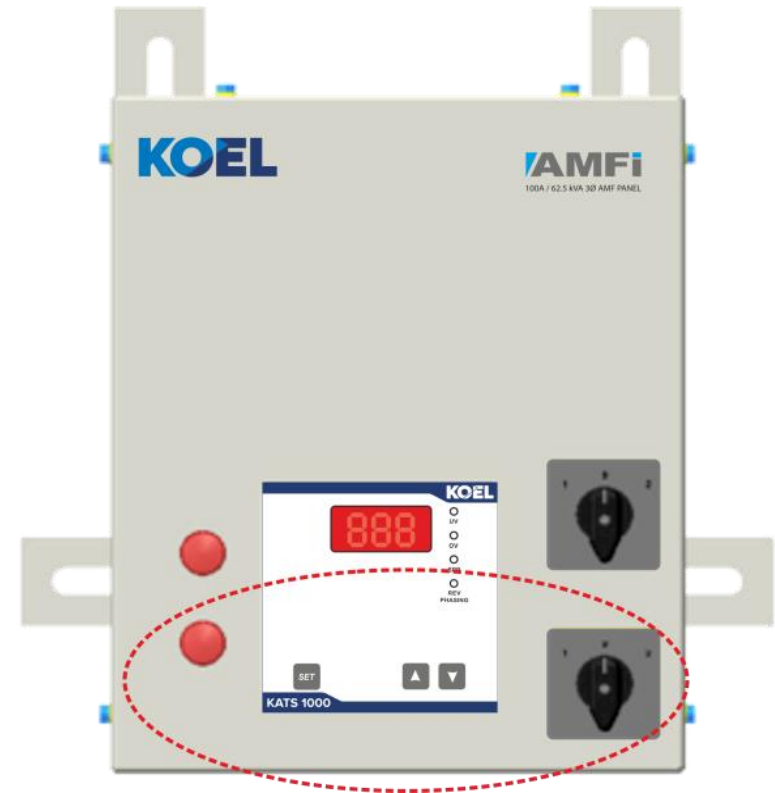
- Connectors between door and panel mounted devices
- Simplicity in overall electrical connections
- Chances of unforced errors eliminated completely
- Easy maintenance



Acrylic cover replaced with Sheet Metal

Benefit

- Terminals are completely covered with panel cover, thus preventing any undesired incidents.



Old Part Codes vs. New Part Codes

Sr. No	Rating	Current Rating	Current Assembly Part Number	New Assembly Part Number	Assembly Description
1	10 KVA 1Φ	50 Amp 1Φ	2H.466.90.0.00	APK.0101.10.0.00	AMF PANEL ASSEMBLY FOR 3 TO 10 KVA, 1PH.
2	15 KVA 1Φ	80 Amp 1Φ	2H.466.70.0.00	APK.0151.10.0.00	AMF PANEL ASSEMBLY FOR 12.5 TO 15 KVA, 1PH. AMFi Wall Mounting.
3	30 KVA 1 Φ	160 Amp 1 Φ	2H.466.80.0.00	APK.0301.10.0.00	AMF PANEL ASSEMBLY FOR 20 TO 30 KVA, 1PH. AMFi Wall Mounting.
4	15 KVA 3Φ	25 Amp 3 Φ	3H.986.60.0.00	APK.0153.10.0.00	AMF PANEL ASSEMBLY FOR 3 TO 15 KVA, 3PH. AMFi WALL MOUNTING.
5	25 KVA 3Φ	40 Amp 3 Φ	3H.986.70.0.00	APK.0253.10.0.00	AMF PANEL ASSEMBLY FOR 20 TO 25 KVA, 3PH. AMFi WALL MOUNTING.
6	30 KVA 3Φ	50 Amp 3 Φ	3H.987.20.0.00	APK.0303.10.0.00	AMF PANEL ASSEMBLY FOR 30 KVA, 3PH. AMFi WALL MOUNTING.
7	45 KVA 3Φ	80 Amp 3 Φ	4H.466.10.0.00	APK.0453.10.0.00	AMF PANEL ASSEMBLY FOR 45 KVA, 3PH. AMFi WALL MOUNTING.
8	62.5 KVA 3Φ	100 Amp 3 Φ	4H.466.20.0.00	APK.0623.10.0.00	AMF PANEL ASSEMBLY FOR 62.5 KVA, 3PH. AMFi WALL MOUNTING.

Note – Please ensure proper current rating while selecting AMFi panel. Third column in above table gives more clarity on panel current rating.

What does the Part Code tells you

APK.010 1.10.0. 00

AMFi Panel for KOEL

10 kVA

1 PH



Thank you