

Integrated Remote Tap Changer Module Model : iRTM-05



SALIENT FEATURES

- Complete OLTC Control and Monitoring Solutions.
- Separate RTCC Panel not required, iRTM-05 Module can be fitted into LT distribution panel with minimal wiring scheme and interface.
- Built in Voltage Control, Tap Measurement and OLTC status Indications features.
- Jumbo Size LCD to display the status messages of OLTC parameters.
- User friendly field programmable Key Switches with well defined nomenclatures.
- Optional MODBUS RS485 /TCP IP Communication facility for SCADA/BMS applications.

Technical Data

Displays: 2 line 16 character jumbo LCD display parameter values and status message

FUNCTIONAL DISPLAY'S

PT VOLTAGE: 420.2V
TAP : 12
TAP CHANGING...
RTCC IN AUTO
OLTC LOCAL
RTCC IN MANUAL
LOWER TAP LIMIT
UPPER TAP LIMIT
PT>BAND 012s
PT<BAND 012s
BAND CENTRE MODE

ERROR DISPLAY'S

UNDERVOLTAGE
OVER VOLTAGE
OLTC STUCK
DM MOTOR O/L
MOTOR REVERSE

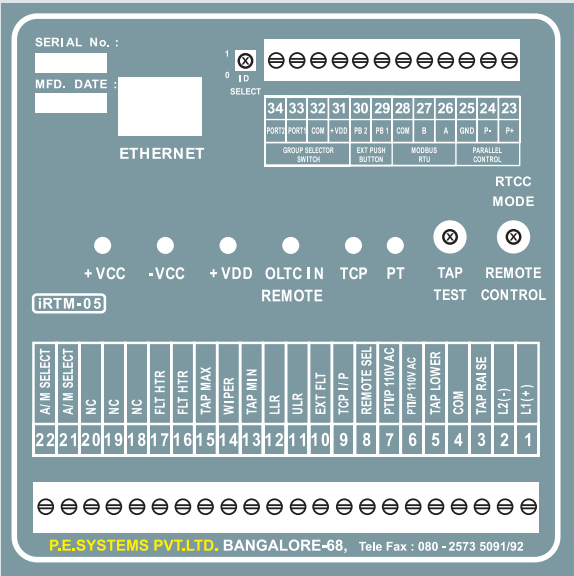
SETTING DISPLAY'S

ENTER SETTINGS MODE
PT PRIMARY: 433.0V
BAND CENTRE: 415.0V
BAND WIDTH: 10.2V
TIME DELAY 020s
EXIT SETTINGS MODE

PARAMETER VALUES & LIMITS

Band Centre : 100.0V 115.0V
Band width : 1.0V 5.0V
Under-voltage & Restoration Levels : 90.0V 95.0V
Over-voltage & Restoration Levels : 117.0V 112.0V
Initial time delay(Td) : 5.0 sec. 150.0 sec
Control pulse 'ON' duration (Ton) : 2.0 sec (Factory Set)
Control pulse 'OFF' duration (Toff) : 2.0 sec (Factory set) for consecutive tap Changing Operation
Maximum tap position : 02 to 40 taps
Display Indications : 2 Line x 16 Character Jumbo LCD display with Backlight
Programming Keys : PROG & ENT Keys
Programming Control : Through Scroll Knob

TERMINAL DETAILS:



MECHANICAL DETAILS

Dimension : 144(W) x 144(H) x 150(D)
Weight (Approx.) : 1.5 Kgs
Cutout Dimension : 138(W) x 138(H)

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