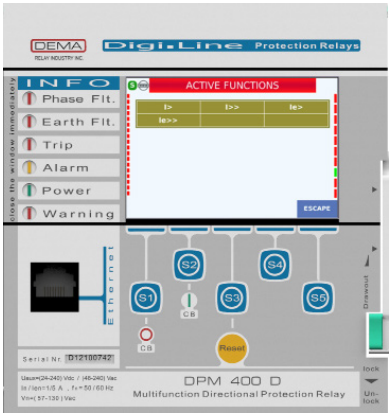
DISPLAYING PROTECTION FUNCTIONS ON MAIN SCREEN

Desired ones from a large number of current, voltage, frequency protection functions can be set and displayed on the active functions page.
The following tables list the protection functions that can be activated manually by user for different DEMA IED's.

DPM 400-D
Functions
[50/51P] Phase Overcurrent
[50/51N] Earth Overcurrent
[51N-IEF] Intermittent transient Earth
[49] Thermal Overload Protection
[67P] Directional Phase/Earth Fault
[67N] Directional Phase/Earth Fault
[37P] Undercurrent Protection
[46] Negative Sequence Overcurrent
Voltage Protection Settings
59 – Overvoltage
27- Undervoltage
47- Negative Sequence Overvoltage
59N – Neutral Overvoltage
Frequency Protection Settings
81U- Under Frequency
81O- Over Frequency
81R- Rate of Change of Frequency
Power Protection Settings
General Protection Settings
Pre-lecos
Frequency Protection



DPM 400-D Activated Functions

CPM 310 G

Functions

[50/51P] Phase Overcurrent I>Phase Overcurrent I>>Phase Overcurrent I>>>

[50/51N] Earth Overcurrent Ie> Earth Overcurrent Ie>> Earth Overcurrent Ie>>>

[46] Negative Sequence Overcurrent I2>,Negative Sequence Overcurrent I2>>

[46BC] Broken Conductor Detection

[37] Undercurrent Protection I<

[49] Thermal Overload Protection

[79] Automatic Reclosing

CPM 310 DE

Functions

[50/51P] Phase Overcurrent I>Phase Overcurrent I>>Phase Overcurrent I>>>

[50/51N] Earth Overcurrent Ie> Earth Overcurrent Ie>> Earth Overcurrent Ie>>>

[46] Negative Sequence Overcurrent I2>Negative Sequence Overcurrent I2>>

[46 BC] Broken Conductor Detection (I2/I1)

[37P] Undercurrent Protection I<

[49] Thermal Overload Protection IΘ>

CPM 312 SE

Functions

[50/51P] Phase Overcurrent I>Phase Overcurrent I>>Phase Overcurrent I>>>

[50/51N] Earth Overcurrent Ie> Earth Overcurrent Ie>> Earth Overcurrent Ie>>>

[46] Negative Sequence Overcurrent I2>Negative Sequence Overcurrent I2>>

[46 BC] Broken Conductor Detection (I2/I1)

[37P] Undercurrent Protection I<

[49] Thermal Overload Protection IΘ>