



PSG - L&T CENTRE FOR EXCELLENCE IN LV SWITCHGEAR



Major Facilities / Equipments Available

1. **Air Circuit Breaker C-POWER –(CN-CS 800C) 415 V , 800A, 50/60 Hz** - 1
2. **Moulded Case Circuit Breakers** - 2
 - a. **DN2-160 S 3 415 V, 50/60 Hz**
 - b. **DNX3-630 H 4 415 V, 50/60 Hz, 630 A**
3. **Testing Kit 500A** - 1
4. **Multifunction / Microprocessor based Motor Protection Relay** - 1
5. **Motor Protection Relay MPR 300 415 V, 50Hz, 1-88 A** - 1
6. **Motor Protection Circuit Breaker** - 2
 - a. **MNX-G1 (415 V, 6.3A, 50/60Hz)**
 - b. **MNX-G3 (415 V, 25A, 50/60Hz)**
7. **Intelligent Panel Meter** - 1
8. **Thermal Overload Relay** - 3
 - a. **MNX R5 (660 V AC, 42-69A, 340-570A)**
 - b. **MNX R5L(660 V AC, 42-69A, 340-570A)**
9. **Three Phase Over Current and Earth Fault Relays** - 2
 - a. **MC 31A (24 -110 V AC/DC, 1A)**
 - b. **MC 61A (24 -110 V AC/DC, 1A)**
10. **Contactors** - 10
 - a. **MNX 9 (415 V, 9 A, 50 Hz) – 2 Nos**
 - b. **MNX 12 (415 V, 9 A, 50 Hz) - 1 No**
 - c. **MNX 25 (415 V, 25 A, 50 Hz) - 1 No**
 - d. **MNX 40 (415 V, 40 A, 50 Hz) - 1 No**
 - e. **MNX 70 (415 V, 70 A, 50 Hz) - 1 No**
 - f. **MNX 80 (415 V, 80 A, 50 Hz) - 1 No**
 - g. **MNX 140 (415 V, 140 A, 50 Hz) - 1 No**
 - h. **MNX 265 (415 V, 265 A, 50 Hz) - 1 No**
 - i. **MNX 550 (415 V, 550 A, 50 Hz) – 1No**
11. **Switch Disconnecter Fuse** - 3
 - a. **FNX 32 (415 V, 50Hz, 32A)**
 - b. **FNX 125 (415 V, 50Hz, 125A)**
 - c. **FNX 200 (415 V, 50Hz, 200A)**
12. **Software** - 2
 - c. **ComManager Version 1.0 (Communication for protection and power management)**
 - d. **System Controller for Serial Connectivity (RS232 to RS 485)**



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Internal Accessories available for Testing Various Switchgear Equipments

1. Auxillary Contact (DNS-AX1, DNS-AX3)
2. Annunciator Module (AN1) 240V AC / 110 V DC
3. Trip alarm Contact (DN3-AL)
4. Shunt Release (DN3-SH) 110-415 V AC & 110-220 V DC
5. Under Voltage Release (MV) 240 / 415 V AC
6. Micro Switch for indication of tripping through voltmetric and earth fault release
30/110/220 V DC & 125-250 / 415 V AC
7. Micro Switch for test / isolated position indication – Left (SL93145)
8. Micro Switch for test / isolated position indication – Right (SL93144)
9. Micro Switch for service position indication – Left (SL93143)
10. Micro Switch for service position indication – Right (SL93142)
11. Micro Switches for Separate indication of overload and short circuits
30 V DC & 250/125 V AC
12. Micro Switch for common indication of overload and short circuits
30/110/220 V DC & 125-250 / 415 V AC
13. Auxillary Contact (Aux-F)
14. Auxillary Contact (Aux-A) – Accessory for MPCB of type MNX G1
15. Thermal over load relay for mounting on MNX 9/12/18 type Contactors
MNX R1 (500 V ,50Hz, 1.4-2.1A) – 2 nos
16. Thermal over load relay for mounting on MNX 25/32 type Contactors
MNX R2 (500 V , 50Hz, 12.5-18 A) - 1
17. Thermal over load relay for mounting on MNX R5/R5L (CT operated) type thermal
over load relays
MNX R4 (500 V, 50Hz, 2A)
18. Single Phase Two Wire Static Watthourmeter (EM101+) - 2 Nos
19. MNX A2 – Accessory for mounting on MNX-9/12/25 Contactors . – 2 Nos