



Reliable Performance

NIPPEN ELECTRICAL INSTRUMENTS CO.



PRICE LIST (W.E.F 13th FEBRUARY, 2021) Revision 1.0

DIGITAL AMMETER (DM-A), VOLTMETER (DM-V) -1&3 Phase

Display: 4 Digit LED12.5mm. Size: 96x96mm(Depth 52mm), 48x96 mm (Depth 50mm) Panel Cut out 90x90mm, 44x90mm,(Respectively)

Auxiliary Supply: 230 V AC(Normal). ACC: 1.0% of FSD.

MODEL	DESCRIPTION	MRP
DM-V-1	Voltmeter AC or DC 0-200mV, 2V, 20V, 200V, 750V	840.00
DM-V-3 (1Row)	Voltmeter AC 3Ph (Inbuilt Selector Switch) 500V	1150.00
DM-V-3 (3Row)	Voltmeter AC 3Ph (Inbuilt Selector Switch) 500V, 3Line Display	1200.00
DM-A-1	Ammeter AC or DC 0-2mA, 20mA, 200mA, 2A, 20A or 5-5000A	840.00
DM-A-3(1Row)	Ammeter AC 3Ph (Inbuilt Selector Switch) 5-5000A	1150.00
DM-A-3 (3Row)	Ammeter AC 3Ph (Inbuilt Selector Switch) 5-5000A, 3Line Display	1200.00



DIGITAL FREQUENCY –(DM-F)

Digital: 4 Digit LED, 12.5mm, Size: 96x96mm, 96x48mm, Auxiliary Supply: 230V AC (Normal), ACC: 0.2% of FSD

MODEL	DESCRIPTION	MRP
DM-F-1	Frequency Hz Range: 20-99.9Hz/110V or 230V or 440V	950.00



DIGITAL WATTMETER –(DM-W)

Display: 4 Digit LED12.5mm, Size: 96x96mm Panel Cutout 90x90mm, Auxiliary Supply: 230V AC, ACC: 1.0%of FSD

MODEL	DESCRIPTION	MRP
DM-W-11	Single Phase Single Element Current 5A or 1A Voltage 110V or 230V or 440V	2600.00
DM-W-33	Three Phase Double Element 3 Wire Current 5A or 1A Voltage 110V or 230V or 440V	2900.00
DM-W-34	Three Phase Three Element 4 Wire Current 5A or 1A Voltage 110V or 230V or 440V	3000.00



DIGITAL POWER FACTOR METER –(DM-PF)

Display: 4 Digit LED 12.5mm, Size: 96x96mm Auxiliary Supply: 230V AC ACC: 1.0% of FSD, Range: 0.5 IND UNITY 0.5 CAP

MODEL	DESCRIPTION	MRP
DM-PF-11	Single Phase Single Element Current 5A or 1A voltage 110V or 230V or 440V	2600.00
DM-PF-33	Three Phase Double Element 3 wire Current 5A or 1A voltage 110V or 230V or 400V	2800.00
DM-PF-34	Three Phase Three Element 4 wire current 5 A or 1A Voltage 110V or 230V or 440V	2900.00



DIGITAL EARTH LEAKAGE RELAY

MODEL	DESCRIPTION	MRP
ELR 96 /ELR DIN	Digital Earth Leakage Relay 96x96mm/Chanel Mounting	1800.00
CBCT 35	CBCT 35 mm ID	990.00
CBCT 70	CBCT 70 mm ID	1200.00
CBCT 120	CBCT 120mm ID	1950.00
CBCT 210	CBCT 210mm ID	3900.00



Note: 1. Aux. 110V/30VDC/SMPS can be supplied on request.
2. CBCT 300mm Rectangular on request.

Composite Meter Series:

Digital: Digit LED, 14.2 mm, Size: 96x96mm, Panel Cutout 91x91 mm, Depth 52mm, Auxiliary Supply: 230V AC (Normal), ACC: 1.0%.

VAF METER

MODEL	DESCRIPTION	MRP
DT36L	3x3 Display 3ph4w VAF V + A + Hz	1500.00
DT36M	3x4 Display 3ph4w VAF V + A + Hz	1700.00
DT3600	THREE PHASE MFM METER i.e V + A + Hz + kW + P.F + kVA + RPM +ON HR also one page 3Phase V,A & PF	2900.00
DT3600 kWh	THREE PHASE MFM METER i.e V + A + Hz + kW + P.F + kVA + RPM +ON HR also one page 3Phase V,A & PF + kWh	3400.00
DT108	LED-THREE PHASE A+V+ Hz+ kW + PF + kVA + kWh + kVAh	4200.00
DT108+	Dt108 + minmax, V,A,HZ, Demand Current, Rs 485- 800.00 Nett Extra (1Ph- 100 less)	5200.00



Note: Rs485- 800.00 Nett Extra, DG- 500.00 Nett Extra, Alaram- 800.00 Nett Extra

MULTIFUNCTION METER (LCD) A+V+Hz+Kw+kWh+P.F+kVA+kWh+On Hr+RPM METER(Accuracy 1.0%)

MODEL	DESCRIPTION	MRP
MFM-801	LCD -THREE PHASE A + V + Hz	6500.00
MFM-804	M803 + THD% + pulse O/P	8200.00



Note: Rs485- 800.00 Nett Extra, DG- 500.00 Nett Extra, Alaram- 800.00 Nett Extra



ENERGY METER (KWh)-COUNTER TYPE (ELECTRONIC ENERGY METER) (Accuracy 1.0%)		
MODEL	DESCRIPTION	MRP
EM11	ELECTRONIC ENERGY (Single Phase Two Wire) (6digit)	2600.00
EM34	ELECTRONIC ENERGY (Three Phase Three Element Four Wire) (6digit)	2950.00



ENERGY METER (KWh)-LCD DISPLAY (Accuracy 1.0%)		
MODEL	DESCRIPTION	MRP
EM11L/ EM3060 (1Phase)	DIGITAL ENERGY (Single Phase Two Wire)	2800.00
EM34L/ EM3060 (3Phase)	DIGITAL ENERGY (Three Phase Three Element Four Wire) only kWh	2900.00
EM3060 (with V&A)	DIGITAL ENERGY (Three Phase Three Element Four Wire) kWh, Volt & Amp.	3050.00
Em3061	kWh + kWh + kWh	4000.00
Em3063	A + V + Hz + EM3062	4950.00

Note: Rs485- 800.00 Nett Extra, DG- 500.00 Nett Extra, Alaram- 800.00 Nett Extra



MULTIFUNCTION METER / SMART LOAD MANAGER/ENERGY ANALYSER new Series(Accuracy 0.5%)(LED)		
MODEL	DESCRIPTION	MRP
SL6300	SMART LOAD MANAGER PLUS	7800.00
SL6300DS	SMART LOAD MANAGER PLUS-DUAL SOURCE	8300.00
SL6300MDC- 2Relay	Maximum Demand Controller (Two Relay)	12500.00
SL6300MDC- 4Relay	Maximum Demand Controller (Four Relay)	13500.00

Note: Rs485- 800.00 Nett Extra, DG- 500.00 Nett Extra, Alaram- 800.00 Nett Extra



DIGITAL FREQUENCY METER WITH RELAY O/P		
MODEL	DESCRIPTION	MRP
DF-R	Digital High / Low Hz Cut off meter with Relay O/P	4500.00



STATIC VAR GENERATOR (SVG)		
TYPE	DIAMENSION IN MM	MRP
30 KVAR	440x160x480 mm	90,000.00
50 KVAR	500x191x582 mm	1,50,000.00
100 KVAR	500x271x553 mm	2,90,000.00



DIGITAL AUTOMATIC POWER FACTOR CONTROLLER RELAY 1 CT MODEL(LED)		
Power Factor Controller Relay (PFCR)- 3Phase- 1CT(415V) Digital: 4 Digit LED, 14.2mm, Size: 96x96mm, Panel Cutout 91x91mm, Depth 52mm, Auxiliary Supply: 230V AC		
MODEL	DESCRIPTION	MRP
APFC414-4R	4 Stage Relay	7400.00
APFC414-6R	6 Stage Relay	9000.00
APFC414-8R	8 Stage Relay	10800.00
APFC414-10R	10 Stage Relay	11500.00
APFC414-12R	12 Stage Relay	12500.00

Note: Alaram- 800.00 Nett Extra



Power Factor Controller Relay (PFCR)- 1Phase- 1CT(220V) Digital: 4 Digit LED, 14.2mm, Size: 96x96mm, Panel Cutout 91x91mm, Depth 52mm, Auxiliary Supply: 230V AC		
MODEL	DESCRIPTION	MRP
APFC414-4R	4 Stage Relay	7250.00
APFC414-6R	6 Stage Relay	8850.00
APFC414-8R	8 Stage Relay	10650.00
APFC414-12R	12 Stage Relay	12850.00

Note: Alaram- 800.00 Nett Extra, PRO Model Pricing on Request



DIGITAL AUTOMATIC POWER FACTOR CONTROLLER RELAY 1 CT MODEL(LED)		
Power Factor Controller Relay (PFCR)- 3Phase- 1CT(415V) Digital: 4 Digit LED, 14.2mm, Size: 144x144mm, Panel Cutout 140x140mm, Depth 34mm, Auxiliary Supply: 230V AC		
MODEL	DESCRIPTION	MRP
APFC414-144- 6R	6 Stage Relay	9500.00
APFC414-144- 8R	8 Stage Relay	11300.00
APFC414-144- 12R	12 Stage Relay	13500.00
APFC414-144- 16R	16 Stage Relay	17000.00

Note:Alaram- 800.00 Nett Extra



Power Factor Controller Relay (PFCR)- 1Phase- 1CT(220V) Digital: 4 Digit LED, 14.2mm, Size: 144x144mm, Panel Cutout 140x140mm, Depth 34mm, Auxiliary Supply: 230V AC		
MODEL	DESCRIPTION	MRP
APFC414-144- 6R	6 Stage Relay	9350.00
APFC414-144- 8R	8 Stage Relay	11150.00
APFC414-144- 12R	12 Stage Relay	13350.00

Note: Alaram- 800.00 Nett Extra

DIGITAL AUTOMATIC POWER FACTOR CONTROLLER RELAY-3 PHASE/3CT SENSING-MFM PARAMETER-THD% (96 X 96)

Power Factor Controller Relay (PFCR)
Digital: 4 Digit LED, 14.2 mm, Size: 96x96mm, Panel Cutout 91x91 mm, Auxiliary Supply: 80-300V AC/DC



MODEL	DESCRIPTION	MRP
UNO -6R	6 Stage Relay	12000.00
UNO -8R	8 Stage Relay	13200.00
UNO-12R	12 Stage Relay	18000.00

Note: Energy 800/each, RS485 RS.800/each or with Temp. 800/each extra available in 3CT model only

DIGITAL ANALYSIS 3 PHASE/3CT SENSING (144 x 144- LCD DISPLAY)

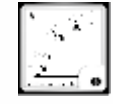
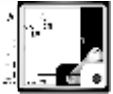
Power Factor Controller Relay (PFCR)
LCD DISPLAY, Size: 144x144mm, Panel Cutout 138x138mm, Auxiliary Supply: 80-300V AC/DC



MODEL	DESCRIPTION	MRP
APFC 36L-144	6 Stage Relay	12000.00
	8 Stage Relay	15000.00
	12 Stage Relay	19500.00
	16 Stage Relay	21500.00

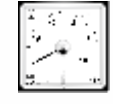
MOVING IRON ACPANEL METERS

MODEL	SQUARE			
	SIF48	SIF72	SIF96	SIF144
RANGE	48x48mm Panel Cutout 45x45mm	72x72mm Panel Cutout 68x68mm	96x96mm Panel Cutout 90x90mm	144x144mm Panel Cutout 138x138mm
VOLTMETERS				
Any Single Range 10V to 300V	410.00	350.00	420.00	590.00
Any Single Range 500V to 600V	420.00	410.00	420.00	630.00
AMMETERS				
Any Single Range 50mA to 30A or 1A	370.00	320.00	370.00	580.00
Any Single Range 50A to 100A		400.00	410.00	610.00
C.T. Operated 5A	400.00	350.00	400.00	600.00



MOVING COIL DC PANEL METERS ACC: 1.5% IS 1248/83

MODEL	SQUARE			
	Sm48	Sm72	Sm96	Sm144
RANGE	48x48mm Panel Cutout 45x45mm	72x72mm Panel Cutout 68x68mm	96x96mm Panel Cutout 90x90mm	144x144mm Panel Cutout 138x138mm
VOLTMETERS				
Any Single Range 50mV to 600V	570.00	530.00	570.00	980.00
AMMETERS				
Any Single Range 1mA to 30A	570.00	530.00	570.00	970.00
Any Single Range 50A to 5000A				
With Ext. Shunt 75mV Basic	570.00	570.00	570.00	970.00



SHUNT

SHUNT 50mV/60mV/75m VACC: 1.0%IS 1248/84



Range Amps	MRP	Range Amps	MRP	Range Amps	MRP
5A to 30A	190.00	200A	640.00	750A	1270.00
40A to 50A	220.00	250A	640.00	1000A	1780.00
60A to 75A	260.00	300A	760.00	1200&1250A	2030.00
100A	320.00	400A	1020.00	1500A	2540.00
125A	380.00	500A	1020.00	2000A	3800.00
150A	380.00	600A	1150.00	2500A	4060.00

EARTH TESTER (HAND DRIVEN GENERATOR TYPE METAL/POLYCARBONATE BODY) IS 9223-89

RANGES IN Ohms	MODEL	MRP
EARTH TESTER 4 TERMINAL TYPE (Suitable for measuring Earth resistance and Specific Soil RESISTIVITY)		
Single Range	SET	2850.00
Any one Single Range 3, 10, 50, 100, 500, 1000		
Dual Range	DET	3590.00
Any one Dual Range 3/30, 5/50, 10/100, 30/300, 50/500, 100/1000		
TESTING KIT FOR EARTH TESTER 4 TERMINAL TYPE Accessories Includes: 1 X Hammer 1 X Screw driver 4 X Spikes 8 X Crocodile clip 4 X Wire	KIT	1100.00



Note: Earth Tester Includes Carrying case and Instruction manual

INSULATION TESTER (HAND DRIVEN GENERATOR TYPE METAL/POLYCARBONATE BODY) IS 2992-87



RATED VOLTAGE	RATED RESISTANCE	ABS Body		Metal Body	
		MODEL	MRP	MODEL	MRP
100 VOLTS	20 Megohms	NITA 102	1690.00	NITM-102	2950.00
500 VOLTS	100 Megohms	NITA 5010	1850.00	NITM-5010	3350.00
1000 VOLTS	200 Megohms	NITA 10020	1850.00	NITM-10020	3350.00
	1000 Megohms			NITM-100100	3700.00
	2000 Megohms			NITM-100200	3700.00
2500 VOLTS (METAL)	5000 Megohms			ITHV-2550	6400.00
5000 VOLTS(METAL)	Up to 10000 Megohms 2000 Megohms			ITHV-50100	8800.00
				ITHV-50200	9450.00

Accessories Includes: Lead for all above item. Carrying case & Test Report

HIGH VOLTAGE DIGITAL INSULATION TESTER (MEGGER)



MODEL	DESCRIPTION	MRP
HV50200	Ranges 500V DC/10G Ohms,1000V DC/50G Ohms, 2500V DC/100 G Ohms 5000V DC/200G Ohms	11825.00

Current Transformers Low Tension Bar Primary (Ring Type tape insulated CT are secondary

Coil wound on Toroidal core of High Permeability Silicon Steel) Accuracy Class as per IS 2705/1981 BSS3983/1973

STANDARD TAPE WOUND AND ABS RING TYPE CT's



ABS RING						
RING	ID	OD	HT	Accuracy	VA BURDEN	MRP
50/5	33	66	36	5%	3	350.00
60/5	33	66	36	5%	3	350.00
75/5	33	66	36	5%	3	350.00
100/5	33	66	36	1.0%	5	350.00
150/5	33	66	36	1.0%	5	380.00
200/5	34	66	36	1.0%	5	380.00
200/5	46	76	36	1.0%	5	380.00
250/5	46	76	36	1.0%	5	380.00
300/5	46	76	36	1.0%	5	410.00
300/5	60	100	36	1.0%	10	410.00
400/5	60	100	36	1.0%	10	430.00
500/5	60	100	36	1.0%	10	430.00
600/5	60	100	36	1.0%	10	430.00



TAPE WOUND (RING CT)						
RING	ID	OD	HT	Accuracy	VA BURDEN	MRP
800/5	80	100	36	1.0%	10	610.00
1000/5	80	100	36	1.0%	15	630.00
1200/5	80	100	36	1.0%	15	680.00
1500/5	100	135	36	1.0%	15	720.00
1600/5	100	135	36	1.0%	15	720.00
2000/5	100	135	36	1.0%	15	800.00
2500/5	100	135	36	1.0%	15	900.00
3000/5	100	135	36	1.0%	15	1000.00

SQUARE CT's MODEL (NE SERIES)



TYPE	RATIO	WINDOW DIMENSIONS FOR BUS BAR (mm)	OVERALL DIMENSION (HxWxTH)	MRP
301	75/5A--400/5A	30x0	70x49x32	310.00
401	150/5A--600/5A	40x12.5	78x60x32	390.00
601	400/5A--1600/5A	60x10	108x85x32	610.00
801	400/5A--2000/5A	80x10	122x100x40	910.00
1001	800/5A--3000/5A	100x30	160x135x40	1150.00

Note: 1) For 1A Secondary up to Ratio 1000A Extra Price 150.00
 2) Mounting bracket for PCT Extra Price 25.00
 3) Prices of 5P10 CT's on request

TERMS AND CONDITIONS

- Prices are Ex-Works
- GST : At Actuals