

MINILEC (INDIA) PVT. LTD.

1073/1-2-3 Pirangoot, Pune 412115, Maharashtra, India

PRICE LIST

Price List No. 40 • Revision 1

With effect from 1 June 2026

Electrical Protection, Monitoring & Annunciation Products

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Price List No. 40, Rev 1 — w.e.f 1 June 2026

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Note

1. GST is extra as applicable.
2. Prices are FOR destination by any surface (courier) / road transport; any air shipment freight will be charged extra as applicable.
3. Contact Minilec for items not listed or with non-standard specifications.
4. Minilec reserves the right to revise prices and terms without prior notice.

A. Voltage Sensing Phase Failure Relays (HSN 85363000)			
Sr.	Product Code	Description	List Price (Rs.)
DIN Rail Mounted			
SPP - Phase Failure, Phase Reversal, Phase Unbalance			
1	S1 SUR1	Sleek, System Supply 415 V, Unbalance - 60 Volts, 1 CO Contact, Reset - Auto, Aux Supply - Built-in, Phase Reversal - not provided	1,010
2	S1 VMR 7	Sleek, Only Phase Sequence Protection, Aux Supply - Built-in, 1 CO Contact	860
3	S1 VSP 1 (O)	Sleek, Unbalance - 60 V, 1 CO contact, Reset - Auto Reset, Aux Supply - Built in	855
4	S2 VMR 1 (O)	Sleek, Unbalance - 4 to 20 %, 2 CO Contact, Reset - Auto/ Manual	1,635
5	USP D1	Unbalance - 60 V, 1 CO contact, Reset - Auto Reset, Aux Supply - Built in, RYB at 13, 14, 15 terminals.	1,005
6	VPG D1	Unbalance - 40 V, , 1CO Contact, Reset - Auto, Low Water Level Guard (Terminar 1&2)	1,295
7	VSP D1	Unbalance - 40 Volts, 1 CO Contact, Auto Reset, Aux Spply - Required	1,005
8	VSP D2	Unbalance - 30 to 70 V, 2 CO Contact, Reset - Auto / Manual / Remote Aux Spply - Required,	1,430
SPP/UV/OV - Phase Failure, Phase Reversal, Phase Unbalance , Under & Over Voltage, 2CO			
9	2 ALO-10	Flush Mounting, 3 Ph - 4 W, System Supply - 415 V, Fixed Under & Over Voltage, Reset - Auto, Unbalance - 40 V, 2 CO Contact, Neutral fail.	2,430
10	ALV D2	Selectatble System Supply, Adjustable Under & Over Voltage in %, Reset - Auto, Unbalance - 40 Volt.	2,130
11	D2 VMR 2	3 Ph - 4 W, Wide range System Supply, Adjustable Under & Over Voltage, Reset - Auto/Manual, Unbalance - 4 to 20 %, Fail Sale/ Non Fail Safe fixed, 2 CO, Neutral fail.	2,730
12	S1 VMR 1 (O)	Sleek 3 Ph - 3 W, System Supply - fix, Fix Under & Over Voltage, Reset - Auto, Unbalance - 60 V, 1 CO Contact,	855
13	S2 DVMR	Sleek, LCD, 3 Phase, 3 Wire & 3 Phase, 4 Wire, Adjustable - Under / Over Voltage, Under / Over Frequency, Resetting- Auto / Manual, Unbalance - 2 - 20%, FS / NFS, 1CO +1CO/ 2CO Programable, Neutral Fail.	2,110
14	S2 VMR	Sleek, 3 Phase, 3 wire & 3 Phase, 4 Wire, Adjustable - Under / Over Voltage, Fix Under / Over Frequency, Resetting- Auto / Manual, Unbalance - 2 - 20%, FS / NFS, 2CO , Neutral Fail	1,635
15	S2 VMR 2 (O)	Sleek, Selectatble System Supply, Fixed Under & Over Voltage, Reset - Auto, Unbalance - 10% , 2 CO	1,655
16	S2 VMR 3 (O)	Sleek, 3 Ph - 3 W, W, System Supply - wide range, Adjustable Under & Over Voltage, Reset - Auto/Manual, Unbalance - 2 to 20%, 2 CO Contact, Fail Sale/ Non Fail Safe programable	1,710
17	S2 VMR 6	Sleek, 3 Ph - 4 W, W, System Supply - 415 V, Adjustable Under & Over Voltage in %, Reset - Auto, Unbalance - 94 V, 2 CO Contact, Neutral fail.	2,645
18	S2 VMR 7 (O)	Sleek, Fixed System Supply, Fixed Under & Over Voltage, Reset - Auto, Unbalance - 10% , 2 CO	2,110
19	S2 VMR 8 (O)	Sleek, 3 Ph - 3 W, System Supply - fixed, Fix Under & Over Voltage, Reset - Auto, Unbalance - 40 V, 2 CO Contact, Fixed power on delay	2,205

A. Voltage Sensing Phase Failure Relays (HSN 85363000)			
Sr.	Product Code	Description	List Price (Rs.)
8 PIN Socket Mounted (w/o socket base)			
Phase Failure Relay			
1	P1 PFS 1	Plug in, 8 PIN, without socket, Only Phase Sequence protection, Aux.Supply - Built-in, 1 CO Contact	1,150
2	P1 PFS 2	Plug in, 8 PIN, without socket, Unbalance - 40 V, Aux.Supply - Built-in, 1 CO Contact	1,150
A. Voltage Sensing Phase Failure Relays (HSN 85363000)			
Sr.	Product Code	Description	List Price (Rs.)
Panel Wall Mounted (For Agriculture Pump & Motor Starters)			
Single Phasing Preventor - Phase Failure, Phase Reversal, Unbalance 50V, Panel Mounted, Pre-wired Output for Connectors			
1	Autoswitch 2	3 phase -200 - 450 V System Supply, Reseting - Auto/Manual Switch, 1/3/5 min ON Delay	820
2	Autoswitch 3	3 phase -200 - 450 V System Supply, ON Delay Timer, Provision for connection of Auto/Manual switch externally	940
3	Autoswitch 4	3 phase -200 - 450 V System Supply, Auto/Manual Switch & variable ON Delay (1-5 Min.)	1,095
4	Autoswitch 5	3 phase -200 - 450 V System Supply,,ON Delay - 1 to 10 min., Provision for connection of Auto/Manual switch externally	1,070
5	Autoswitch 7	380/415 V System supply, for semi-automatic star delta starter with (7 wire) ON Delay Timer (2-3 min.) and Auto/Manual Switch	1,290
6	Autoswitch 9	3 phase -200 - 450 V, System Supply, Fixed ON Delay - 1/3/5 minutesTimer, Reset - Auto/Manual/ Bypass switch	820
7	VSP 2	Unbalance - 40 V F, Reset - Auto, 1 NO Contact terminals without wires	865
8	VSP 3	Unbalance - 50 V	750

B. 3 Ph. Motor / Pump Protection Relays - Current Sensing Relay for Phase Failure, Phase Reversal. Phase Sequence, Overload Protection (HSN 85363000)			
Sr.	Product Code	Description	List Price (Rs.)
DIN Rail Mounted			
1	D2 MPR 2	Under current (Dry Run), Fix Under & Over Voltage, Reset - Auto / Manual, 2 CO Contact	2,945
2	D2 MPR 3	Dry Run by pass facility, Reset - Auto / Manual / Remote Reset, 2 CO Contact	2,065
3	D2 MPR 4	Lock Rotor (1.5 amp), Reverse Phase protection, UB not provided, 1 CO & 2 NO contact	2,355
4	D3 DMPR 1 WITH CT 5	Micro processor based, Separate LCD, Start up delay, Lock Rotor, Under & Over Current, Earth Fault Protection, last 10 Fault Logging, Reset - Auto / Manual, 2 CO Contact, Inbuilt CT 5 AMP	6,600
5	D3 DMPR 1 WITH CT 50	Micro processor based, Separate LCD, Start up delay, Lock Rotor, Under & Over Current, Earth Fault Protection, last 10 Fault Logging, Reset - Auto / Manual, 2 CO Contact, Inbuilt CT 50 AMPs	7,235
6	D3 MPR 1	Micro processor based, LCD, Start up delay, Lock Rotor, Under & Over Current, Earth Fault Protection, last 10 Fault Logging, Reset - Auto / Manual, 2 CO Contact, Inbuilt CT 5 / 20 / 50 AMP	6,215
7	D3 MPR 3	Micro processor based, offering only - Single Phasing, Current Unbalance & Over Load Protections. Reset - Manual/ Remote, Builtin 3 CTs 5A / 20A / 50A / 100A	3,780
8	D5 DMPR 1	Micro processor based, Over Current or Stalling or Short Circuit, Lock Rotor, Earth Fault, Seperate Display with logging of last 10 faults with inbuilt CT 1 to 60 AMP.	8,145
9	D5 MPR 1	Micro processor based, LCD, Start up delay, Lock Rotor, Under & Over Current, Earth Fault Protection, last 10 Fault Logging, Reset - Auto / Manual, 2 CO Contact, Inbuilt CT upto 175 AMP	8,145
10	MPR D2	Reset - Auto / Manual / Remote Reset, 1CO Contact	2,200
11	MPR D2	Reset - Auto / Manual / Remote Reset, 2CO Contact	2,310
12	PGS D2	For Single Phase Pump Protection only, Relay of system supply 240V AC, with 5 & 10 AMP selectable, Over load & Dry run protection.	2,600
13	S2 CMR 1 (O)	Sleek, Micro Controller, SMD Tech, Dry Run & Reset - Auto/Manual, 2 CO Contact	2,745
14	S2 DMPR	Sleek, LCD, selectable Dry Run & Reset - Auto/Manual, 2 CO Contact	2,105
15	SPG D2	Dry Run, Reset - Auto / Manual / Remote Reset, 1 CO Contact	2,350
16	SPG D2	Dry Run, Reset - Auto / Manual / Remote Reset, 2 CO Contact	2,445

B. 3 Ph. Motor / Pump Protection Relays - Current Sensing Relay for Phase Failure, Phase Reversal. Phase Sequence, Overload Protection (HSN 85363000)			
Sr.	Product Code	Description	List Price (Rs.)
Panel Door Mounted			
1	F3 MPR1	Flush mounting, Micro processor based, LCD, Lock Rotor, Under & Over Current/short circuit, Earth Fault Protection, Winding over temperature, Start up delay Reset - Auto / Manual, 2 CO Contact, separate current sensors, CT 1/ 2.5 / 5 / 20 / 50 AMP, without RS 485 port	6,800
2	F3 MPR1	Flush mounting, Micro processor based, LCD, Lock Rotor, Under & Over Current/short circuit, Earth Fault Protection, Winding over temperature, Start up delay Reset - Auto / Manual, 2 CO Contact, separate current sensors, CT 1/ 2.5 / 5 / 20 / 50 AMP, with RS 485 port	7,590
C. Current Sensors (HSN 85041010)			
Sr.	Product Code	Description	List Price (Rs.)
DIN Rail Mounted			
1	CTS 120 (Pair)	120 Amp - up to 75.0 H.P, Panel Mounted	1,145
2	S2 CTS 1/1.25	Sleek, 1.25 Amp - up to 0.75 H.P	735
3	S2 CTS 1/2.5	Sleek, 2.5 Amp - up to 1.5 H.P	735
4	S2 CTS 1/5	Sleek, 5 Amp - up to 3.00 H.P	735
5	S2 CTS 1/10	Sleek, 10 Amp - up to 6.00 H.P	735
6	S2 CTS 1/20	Sleek, 20 Amp - up to 12.5 H.P	735
7	S2 CTS 1/40	Sleek, 40 Amp - up to 25 H.P	735
8	S2 CTS 1/80	Sleek, 80 Amp - up to 50 H.P	900
C. Current Sensors (HSN 85041010)			
Sr.	Product Code	Description	List Price (Rs.)
DIN Rail Mounted (For F3 MPR1)			
1	CT-1	Input upto 1 Amp	735
2	CT-2.5	Input upto 2.5 Amp	735
3	CT-5	Input upto 5 Amps	735
4	CT-20	Input upto 20 Amp	735
5	CT-50	Input upto 50 Amps	735
D. Thermistor Relays (HSN 85363000)			
Sr.	Product Code	Description	List Price (Rs.)
DIN Rail Mounted			
1	D2 BTR 1	Bearing Temperature Relay , Auto / Manual Reset, 1CO + 1CO (Alarm & Trip), Sensing through PT 100	2,945
2	S2 WTR1 (O)	Sleek, Winding Temperature Relay , Auto / Manual Reset, 2 CO Contact, Sensing through PTC	1,695
3	PTC Thermistor Sensor	Single element with Teflon wire	360
4	PTC Thermistor Sensor	Triple element with Teflon wire	795

E. Monitoring Relays - 3 Phase Voltage Monitoring Relays (HSN 85363000)			
Sr.	Product Code	Description	List Price (Rs.)
DIN Rail Mounted			
1	D2 VCT 1	Microcontroller based, 3 Phase, 3 Wire & 3 Phase, 4 Wire, Under & Over Voltage Adjustable, Reset - Auto / Manual, Trip Time & Power ON Delay -1-10 Sec., Neutral fail indication, 2CO.	2,615
2	D2 VCT 1	Microcontroller based, 3 Phase, 3 Wire & 3 Phase, 4 Wire, Under & Over Voltage Adjustable, Reset - Auto / Manual, Trip Time & Power ON Delay -1-10 Sec., Neutral fail indication, 1 CO + 1 CO for OV/UV Tripping.	2,760
3	S2 VMR 4 (O)	Sleek, Microcontroller based, SMD Tech, 3 Phase, 3 Wire , Under & Over Voltage Adjustable, Reset - Auto / Manual, Trip Time & Power ON Delay -1-10 Sec, FS/NFS, 2 CO.	2,700
4	S2 VMR 4 (O)	Sleek, Microcontroller based, SMD Tech, 3 Phase, 3 Wire , Under & Over Voltage Adjustable, Reset - Auto / Manual, Trip Time & Power ON Delay -1-10 Sec, FS/NFS, 1 CO + 1 CO for OV/UV Tripping.	2,830
5	S2 VMR 5 (O)	Sleek, Microcontroller based, SMD Tech, 3 Phase, 4 Wire , Under & Over Voltage Adjustable, Reset - Auto / Manual, Trip Time & Power ON Delay -1-10 Sec, FS/NFS, 2 CO.	2,700
6	S2 VMR 5 (O)	Sleek, Microcontroller based, SMD Tech, 3 Phase, 4 Wire , Under & Over Voltage Adjustable, Reset - Auto / Manual, Trip Time & Power ON Delay -1-10 Sec, FS/NFS, 1 CO + 1 CO for OV/UV Tripping.	2,830
E. Monitoring Relays - 3 Phase Voltage Monitoring Relays (HSN 85363000)			
Sr.	Product Code	Description	List Price (Rs.)
Flush Panel Mounting (96 x 96mm)			
Microprocessor Based Digital Voltage Scanners 3 PH 3 Wire / 3 Ph 4 Wire - Single Phase, Phase Reversal, Unbalance / Under Voltage / Over Voltage - Settable			
1	F3 VSR 4	Without serial port	6,385
2	F3 VSR 5	With serial port	6,810
E. Monitoring Relays - 1 Phase Voltage Monitoring Relays (HSN 85363000)			
Sr.	Product Code	Description	List Price (Rs.)
DIN Rail Mounted			
1	D1 VCR 1	Single Phase Under and Over Voltage -Adjustable, Reset - Auto, Trip time adjustable, 1 CO	1,595

E. Monitoring Relays - Current Monitoring Relays (HSN 85363000)			
Sr.	Product Code	Description	List Price (Rs.)
DIN Rail Mounted			
Single Phase Over Current Relay			
1	OCS D1	Single Phase Over Current adjustable setting, Input Range 250/500 mA or 1/5 Amp, 1 CO Contact, Reset - Auto, Trip delay 1-10 Sec.	1,645
Single Phase Under & Over Current Relay			
2	S2 CMR 5 (O)	Sleek, Micro Controller based, SMD Tech, Single Phase variable Under & Over Current settings, Input Range 250 mA / 500 mA or 1/5 amp. Reset - Auto / Manual, Power ON delay & Trip Time Delay 1-10 Sec. Contact - 2CO / 1CO +1CO Programmable for UC/OC protection. FS/NFS.	3,005
Single Phase Under & Over Current Relay with Display			
3	S2 DCMR	Sleek, Micro Controller based, with LCD, Single Phase variable Under & Over Current settings, Input Range 250 mA / 500 mA or 1/5 amp. Reset - Auto / Manual, Power ON delay & Trip Time Delay 1-10 Sec. Contact - 2CO / 1CO +1CO Programmable for UC/OC protection. FS/NFS	2,270
Under & Over Frequency Relay			
4	S2 FMR 1 (O)	Sleek, Micro controller based, adjustable Under & Over Frequency settings, Reset - Auto / Manual, 1CO+1CO Contact, Power ON delay & Trip delay 1 - 10 Sec.FS/NFS.	2,940
Earth Fault Relay			
5	D2 EFR 1	Earth Fault Relay, Input 1 or 5 Amps through CBCT or 3 CT in parallel 0.1 to 1 sec/1 to 10 sec Trip delay, Manual / Remote Reset	2,160
6	S2 CMR 3 (O)	Sleek, Earth Fault Relay, Input 1 or 5 Amps through CBCT or 3 CT in parallel 0.1 to 1 sec/1 to 10 sec Trip delay, Manual / Remote Reset	2,310
Earth Leakage Relay			
7	S2 CMR 4 (O)	Sleek Din Mounting, Input through CBCT, Earth Leakage Current range 30-300 mA, Trip delay 0.1 to 1 Sec, Reset - Manual, Power On delay,	2,480
8	S2 ELR 1 (O)	Sleek Din Mounting, Input through CBCT, Earth Leakage Current range 30 mA - 30 Amps, Trip delay 0.1 to 1 Sec, Reset - Manual, Power On delay,	2,670
9	S2 ELR 2 (O)	Sleek Din Mounting, Input through CBCT, Earth Leakage Current range 30-300 mA Primary Current, Trip delay 0.1 to 1 Sec, Reset - Manual, Power On delay,	2,905
Reverse Power Relay			
10	RPF D2	Reverse Power Relay (3 Ph, 4 Wire), Trip current adjustable, ON delay & Trip delay adjustable, 2 CO, Power sensing from 3 phase voltage & 1 phase current.	2,915
11	RPT D2	Reverse Power Relay (3 Ph, 3 Wire), Trip current adjustable, ON delay & Trip delay adjustable, 2 CO, Power sensing from 1 phase voltage & same phase current.	2,915

E. Monitoring Relays - Current Monitoring Relays (HSN 85363000)			
Sr.	Product Code	Description	List Price (Rs.)
Flush Panel Mounting (96 x 96mm)			
Earth Fault Relay			
1	F3 EFR 1	Flush Mounting Earth Fault Relay, Iput 1 or 5 Amps through CBCT or 3 CT in parallel 0.1 to 1 sec/1 to 10 sec Trip delay, Manual / Remote , 2 CO. Reset)	2,485
2	F3 EFR 2	Flush Mounting, Earth Fault current selection by DIP switches, Manual/Remote reset, 2 CO, Input - 1/5 Amps CBCT, fault current settings - 5 to 80%.	4,710
Earth Leakage Relay			
3	F3 ELR 2	Flush Mounting, Input through CBCT, Earth Leakage Current Range 30-300 mAmp, Trip Delay 0.1 to 1 Sec, Power ON Delay 1-10 Sec, Reset - Manual.	2,945
F. Water Level Controllers & Moisture Relay (HSN 90328910)			
Sr.	Product Code	Description	List Price (Rs.)
DIN Rail Mounted			
1	D2 WLC1	2 Level for Dual Tank (Suction & Delivery)	1,650
2	S2 WLC1 (O)	Sleek, Adj. Sensitivity, 1 CO Contact, Single tank 2 Level control without electrodes	1,680
3	Sensor Electrode	for WLC D1, P1 LCW1, VPG D1, S2 WLC1 (Each)	80
4	WLC D1	Adj. Sensitivity, 1 CO Contact, Single tank 2 Level control without electrodes	1,305
F. Water Level Controllers & Moisture Relay (HSN 90328910)			
Sr.	Product Code	Description	List Price (Rs.)
8 PIN Socket Mounted (w/o socket base)			
1	P1 LCW 1	1 CO Contact), Single tank 2 level control	1,270
G. Diesel Level Control Relay & Sensor (HSN 90328910)			
Sr.	Product Code	Description	List Price (Rs.)
DIN Rail Mounted			
1	DLC D1	One Level, 1 CO Contact	1,335
2	FRKP 5	Sensor switch for diesel/oil with open collector output, Aux Supply 10-28V DC, High / Low Level Sensor Switch	1,160
3	FRKP 6	Fork Type Sensor Prod, To Be used with DLCD1 Relay	1,010

H. Electronic Timers (HSN 91061000)			
Sr.	Product Code	Description	List Price (Rs.)
DIN Rail Mounted			
On Delay			
1	ETA D1	upto 0.7 Secs. - 30 Mins. 4 Ranges)	1,325
2	ETS D1	Time Range 0.1 Sec to 209 Hrs.	1,050
3	S1 ETM1	Sleek, Time Range 0-30 Min / 0-60 Min	885
4	S1 ETS1	Sleek, Time Range 0-10 Sec / 0-30 Sec / 0-60 Sec	745
Star Delta			
5	S1 ESD1	Sleek, 1 NO Star Relay, 1 NO - Delta Relay, Time Range 0.75 to 7.5 Sec. / 6-60 Sec	1,180
Multi Function			
6	D1 ETM 1	1CO Contact x 2 No, 415V AC, 240V AC, 110V AC, 12V DC, 24V DC	1,370
7	D1 ETM 1	1CO Contact x 2 No, 24-240 V AC/DC	1,520
8	S2 ETM 1 (O)	Sleek, 1CO Contac x 2 No	2,275
Cyclic & Forward-Reverse			
9	S2 ETM 2 (O)	Sleek, 1CO+1CO Contact	2,400
MULTI START			
10	ESR D1	MULTI START ATTEMPT TIMER	1,710
Digital Time			
11	S2 TSR1	Sleek, Digital Time switch	1,890
I. Pump Automation System Products (HSN 85363000)			
Sr.	Product Code	Description	List Price (Rs.)
Alternating / Latching Relay for 2 Pumps / 2 Compressors			
1	S2 ALT 1 (O)	Sleek, 2 NO Contact	1,430
Booster Pump Controller (HSN 90328910)			
1	F3 BPC1 (2 Pumps)	for 2 Pumps (6 I/P, 3+1 O/P, Aux.Supply 90-270 V AC)	5,390
2	F3 BPC1 (3 Pumps)	for 3 Pumps (9 I/P, 3+1 O/P, Aux.Supply 90-270 V AC)	5,710
3	F5 BPC1 (4 Pumps)	for 4 Pumps (11 I/P, 4+1 O/P, Aux.Supply 90-270 V AC)	9,185
4	F5 BPC1 (5 Pumps)	for 5 Pumps (13 I/P, 5+1 O/P, Aux.Supply 90-270 V AC)	10,035

* These models are also available with RS 485 MODBUS RTU Protocol, with extra cost of Rs. 980/-

J. Power Line Transducers (HSN 90302000)				
DIN Rail Mounted				
Sr.	Product Code	Description	Single	Dual
1	D1 IST1	Loop Powered DC Isolation Transducer	2,565	
2	D1 PTC1	Single Phase AC Current Transducer	2,100	
3	D1 PTC3	2 wire Type AC Current Transducer with 24V DC	3,475	
4	D1 PTV3	2 wire Type AC Voltage Transducer with 24V DC	3,475	
5	D1 PTV 1	Single Phase AC Voltage Transducer	2,225	
6	D2 PTC1	Single Phase AC Current Transducer	2,705	2,840
7	D2 PTV 1	Single Phase AC Voltage Transducer	2,840	2,980
8	D3 IST1	DC Isolation Transducer, External Aux Supply	4,785	4,990
9	D3 MFT1	Multifunction Transducer with MODBUS RTU output (without Display)	7,490	
10	D3 MFT1	Multifunction Transducer with MODBUS RTU output (with Display)	7,740	
11	D3 PTF 1	Line Frequency Transducer	4,095	4,230
12	D3 RET1	Resistance Transducer	4,325	4,910
13	D3 TET1	Temperature Transducer	4,325	4,910
14	D3 TTT1	Transformer Tap Position Transducer	4,325	4,910
15	D5 MFT1	Multifunction Transducer (Four Analog Outputs), RS 485 MODBUS RTU	11,310	
16	D5 PAT1	Phase Angle Transducer	7,140	7,695
17	D5 PTA1	Power Factor Transducer	7,280	7,835
18	D5 PTC1	3 Phase combined AC Current Transducer	6,310	
19	D5 PTV1	3 Phase combined AC Voltage Transducer	6,865	
20	D5 PTW1	Active Power Transducer (3ph,3w)	6,725	7,280
21	D5 PTW1	Active Power Transducer (3ph,4w)	7,700	8,255
22	D5 PTW2	Reactive Power Transducer (3ph,3w)	6,725	7,280
23	D5 PTW2	Reactive Power Transducer (3ph,4w)	7,700	8,255
24	D5 PTW3	Apparent Power Transducer (3ph, 3w)	6,725	7,280
25	D5 PTW3	Apparent Power Transducer (3ph, 4w)	7,695	8,255
J. Power Line Transducers (HSN 90302000)				
Sr.	Product Code	Description	List Price (Rs.)	
Multifunction Meter				
1	F3 MFM1	Any 10 Parameters selectable	7,420	
2	F3 MFM2	Basic Parameters display	9,935	
3	F3 MFM3	Basic & Energy Parameters display	11,465	
4	F3 MFM4	Basic, Energy & Demand parameter display	14,525	

K. Microprocessor Based Alarm Annunciators (HSN 85318000)
Series MBAS 0600

Sr.	Model	Box Size	No. of Pts	Push Buttons	Big Win (30 x 65mm)	Small Win (30 x 30mm)	List Price (Rs.)
1	1 4B 0S MP0	1D	4	Yes	4	0	6,740
2	1 0B 4S P0	1D	4	Yes	0	4	6,475
3	1 0B 6S P0	1D	6	Yes	0	6	7,975
4	1 0B 8S MP0	1D	8	Yes	0	8	9,545
5	2 6B 0S P0	2D	6	Yes	6	0	9,485
6	2 8B 0S MP0	2D	8	Yes	8	0	10,980
7	2 4B 8S MP0	2D	12	Yes	4	8	14,030
8	2 0B 12S P0	2D	12	Yes	0	12	13,860
9	2 2B 10S P0	2D	12	Yes	2	10	13,905
10	2 0B 16S MP0	2D	16	Yes	0	16	18,070
11	3 12B 0S MP0	3D	12	Yes	12	0	14,220
12	3 0B 24S MP0	3D	24	Yes	0	24	22,500
13	4 16 B 0S MP0	4D	16	Yes	16	0	20,085
14	4 0B 32S MP0	4D	32	Yes	0	32	30,110

K. Microprocessor Based Alarm Annunciators (HSN 85318000)
Series MICRO-17

Sr.	Model	Box Size	No. of Pts	Push Buttons	Big Win (30 x 65mm)	Small Win (30 x 30mm)	List Price (Rs.)
1	1 4B 0S MP0	1D	4	Yes	4	0	6,880
2	1 0B 4S P0	1D	4	Yes	0	4	6,600
3	1 0B 6S P0	1D	6	Yes	0	6	8,140
4	1 0B 8S MP0	1D	8	Yes	0	8	9,735
5	2 6B 0S P0	2D	6	Yes	6	0	9,675
6	2 8B 0S MP0	2D	8	Yes	8	0	11,195
7	2 4B 8S MP0	2D	12	Yes	4	8	14,240
8	2 0B 12S P0	2D	12	Yes	0	12	14,135
9	2 2B 10S P0	2D	12	Yes	2	10	13,905
10	2 0B 16S MP0	2D	16	Yes	0	16	18,420
11	3 12B 0S MP0	3D	12	Yes	12	0	14,505
12	3 0B 24S MP0	3D	24	Yes	0	24	22,945
13	4 16B 0S MP0	4D	16	Yes	16	0	21,500
14	4 0B 32S MP0	4D	32	Yes	0	32	30,705
15	5 0B 40S MP0	5D	40	Yes	0	40	36,400
16	6 0B 48S MP0	6D	48	Yes	0	48	43,020
17	5 20B 0S MP0	5D	20	Yes	20	0	25,810
18	6 24B 0S MP0	6D	24	Yes	24	0	30,315

All above annunciators are available with Built-in Buzzers, as an optional feature @ Rs. 675.

K. Microprocessor Based Alarm Annunciators (HSN 85318000)			
Sr.	Product Code	Description	List Price (Rs.)
Series MICROWARN 0600 (Window size 45 x 45mm)			
1		6 windows	9,215
2		8 windows	12,390
3		12 windows	15,985
K. Microprocessor Based Alarm Annunciators (HSN 85318000)			
Sr.	Product Code	Description	List Price (Rs.)
Series MBAS 08			
1	37 x 17 mm	4 SMALL WIN+PB & BUZZER	5,840
2	37 x 17 mm	6 SMALL WIN+PB & BUZZER	7,230
3	37 x 17 mm	7 WINDOW + PB	7,230
4	37 x 17 mm	8 WINDOW	6,955
5	37 x 27 mm	4 BIG WIN+PB & BUZZER	6,270
K. Microprocessor Based Alarm Annunciators (HSN 85318000)			
Sr.	Product Code	Description	List Price (Rs.)
Series MBAS 11 – Single LED Annunciator – 16 Pts with Potential input 24 / 110 / 125 / 220 V DC			
1		With Push Buttons	17,990
2		With Push Buttons and Repeat Relays	37,270
K. Microprocessor Based Alarm Annunciators (HSN 85318000)			
Sr.	Product Code	Description	List Price (Rs.)
Series MBAS 18 – Single LED Annunciator – 16 Pts with Potential Free Input with Push Buttons			
1			14,780
K. Microprocessor Based Alarm Annunciators (HSN 85318000)			
Sr.	Product Code	Description	List Price (Rs.)
Series MBAS 1800 – With Potential Inputs of 24 / 48 / 110 / 220 V DC			
1	20B12SP0	12 SMALL WINDOWS	16,330
2	20B16SMP0	16 SMALL WINDOWS	20,250
3	30B24SMP0	24 SMALL WINDOWS	24,290
4	40B32SMP0	32 SMALL WINDOWS	32,385
5	312B0SMP0	12 BIG WINDOWS	17,135
6	416B0SMP0	16 BIG WINDOWS	23,610

K. Microprocessor Based Alarm Annunciators (HSN 85318000)			
Sr.	Product Code	Description	List Price (Rs.)
MICROFACIA (LED Window)			
951 (4 Big windows) 1 D			
1		12/24VDC	1,480
2		110/230V AC	2,125
3		110/220V DC	2,430
955 (8 Small Windows) 1D			
4		12/24VDC	1,620
5		110/230V AC	2,480
6		110/220V DC	2,700
K. Microprocessor Based Alarm Annunciators (HSN 85318000)			
Sr.	Product Code	Description	List Price (Rs.)
Series MBAS 9700 (Split Architecture)			
With RS 485 MODBUS RTU PROTOCOL or RS 232.			
1		16 PTS (BIG) 30 x 65 mm Window	34,515
2		16 PTS (SMALL) 30 x 30 mm Window	29,970
3		24 PTS (BIG) 30 x 65 mm Window	39,375
4		24 PTS (SMALL) 30 x 30 mm Window	37,035
5		32 PTS (BIG) 30 x 65 mm Window	47,285
6		32 PTS (SMALL) 30 x 30 mm Window	42,965
7		48 PTS (BIG) 30 x 65 mm Window	63,045
8		48 PTS (SMALL) 30 x 30 mm Window	57,415
9		64 PTS (BIG) 30 x 65 mm Window	83,120
10		64 PTS (SMALL) 30 x 30 mm Window	75,845
11		80 PTS (BIG) 30 x 65 mm Window	93,550
12		80 PTS (SMALL) 30 x 30 mm Window	84,320
13		96 PTS (BIG) 30 x 65 mm Window	111,215
14		96 PTS (SMALL) 30 x 30 mm Window	103,595
15		112 PTS (BIG) 30 x 65 mm Window	122,725
16		112 PTS (SMALL) 30 x 30 mm Window	115,500
17		128 PTS (BIG) 30 x 65 mm Window	138,295
18		128 PTS (SMALL) 30 x 30 mm Window	126,400

L. Special Application Products (HSN 91061000)				
Sr.	Product Code	Description	List Price (Rs.)	
Twin AC Controller				
1	Protocom -4	230 VAC, Power Relay, Time/Temperature -Settable, Voltage/Current/Temperature - Display, 2 NO Contacts	8,300	
M. CBCT (HSN 85041010)				
TAPE WOUND RING TYPE				
Sr.	CBCT ID (mm)	300 mA (S2 CMR 4 / F3 ELR 1)	1 A (D2 EFR 1 / S2 CMR 3 / F3 EFR 1)	5 A (D2 EFR 1 / S2 CMR 3 / F3 EFR 1)
1	50	1,530	1,660	1,695
2	100	1,600	1,725	1,760
3	120	1,635	1,765	1,810
4	150	1,695	1,830	1,875
5	200	1,750	1,875	1,940
6	220	1,810	1,875	2,025
7	250	2,835	1,990	2,095
8	300	3,375	2,090	2,135
M. CBCT (HSN 85041010)				
MOULDED (RING TYPE) SUTAIBLE FOR S2 ELR 1				
Sr.	CBCT ID (mm)	300 mA (S2 ELR 1)		
1	35	1,530		
2	70	1,600		
3	120	1,635		
4	150	1,695		
M. CBCT (HSN 85041010)				
TAPE WOUND (RECTANGULAR TYPE)				
Sr.	CBCT ID (mm)	300 mA (S2 CMR 4 / F3 ELR 1)	1 A (D2 EFR 1 / S2 CMR 3 / F3 EFR 1)	5 A (D2 EFR 1 / S2 CMR 3 / F3 EFR 1)
1	50 X 50	2,915	3,005	3,120
2	100 X 50	3,090	3,255	3,330
3	120 X 50	3,120	3,350	3,425
4	150 X 50	3,350	3,525	3,665
5	200 X 50	3,470	3,560	3,835
6	220 X 50	3,620	3,745	3,955
7	250 X 50	3,750	3,955	4,065
8	300 X 50	3,940	4,160	4,300

N. Spares (HSN 85318000)		
Sr.	Description	List Price (Rs.)
MICROWARN 0600		
1	Exchange of SMPS (Conversion Charges)	1,345
2	LED Window Card (12 pts)	2,500
3	LED Window Card (6 / 8 pts)	1,695
4	Main CPU Card (6 / 8 pts)	6,565
5	Main CPU Card 12 Points	8,775
6	SMPS Card (24/48 AC/DC, 90/270 V AC/DC)	4,055
N. Spares (HSN 85318000)		
Sr.	Description	List Price (Rs.)
Spares for Series MBAS 0600, MICRO-17 and MBAS-1800		
1	Big Size window Lens	50
2	Complete Big Window	175
3	Complete Small Window	140
4	LED Board for 4 pts	1,345
5	LED Board for 6 pts / 8 pts	2,030
6	Main CPU Card (12,16 pts)	12,275
7	Main CPU Card (24 pts)	13,480
8	Main CPU Card (32 pts)	16,205
9	Main CPU Card (4 pts)	4,820
10	Main CPU Card (6 / 8 pts)	6,445
11	Push Button Capsule	695
12	Repeat Relay Per Point (Window)	550
13	Repeat Relay Per Point for MBAS-11	1,345
14	Small Size window Lens	35
15	SMPS Card (90 / 270 V AC / DC & 20-60V AC/DC)	2,705

N. Spares (HSN 85318000)		
Sr.	Description	List Price (Rs.)
Spares for Series MBAS 9700		
1	CPU Card (24, 32,48,64,80,96, 128 pts)	6,245
2	DFU 1 (16 pts) Small Window	4,285
3	DFU 2 (16 pts) Big Window	5,080
4	Interconnecting 20 way Pre Fab Flat Cable (MCU to DFU) Per Meter	180
5	Interconnecting 20 way Pre Fab Shielded Cable (MCU to DFU) Per Meter	260
6	IOC Card (16pts) without Plate	5,150
7	MCU to RS 232 Converter Cable Per Meter	140
8	PSU Card (For 16 pts or Redundant PSU)	3,895
9	Repeat Relay Per Point (Window)	565
10	RS 232 Converter to PC Cable Per Meter	140
N. Spares (HSN 85318000)		
Sr.	Description	List Price (Rs.)
Common Accessories		
1	AC / DC Supply Fail Annunciation (Same Voltage Value)	900
2	AC / DC Supply Fail Annunciation (With Diff. Voltage Value)	2,305
3	Dummy Window (Inactive)	140
4	EEPROM (Microprocessor IC)	1,890
5	F3 MEH 1 / Electronic Hooter 24-250 V AC/DC With Volume & Tone Control	1,110
6	Non Standard Operating Sequence (Software)	18,895
7	PC Based Software (For MBAS 9700)	37,790
8	Push Buttons Set (4 nos)	815
9	RS 485 Builtin Facility with MODBUS RTU/ASCII Protocol (NFID)	980
10	Supervisory Relay Contact Facility	1,345
11	Supply Fail Indication (Same Voltage Value)	1,345
12	Supply Fail Indication (With Different Voltage Value)	2,705