

महाराष्ट्रातील
शेतकऱ्यांच्या पसंतीला
उतरलेलं शंभर नवरी सोनं...



Save Water



GSM MOBILE STARTER

AN ISO 9001-2015 CERTIFIED COMPANY

ABOUT US



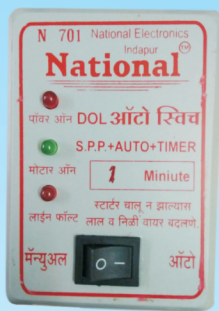
INDAPUR OFFICE



PUNE OFFICE

We National Electronics introduce Ourselves as one of the leading manufacturers of motor control and Protection system for variety of application with latest technologies. Our establishment is the outcome of vast experience gained by a group of technocrats from Electronic Industry. Hence it is possible for us to offer high quality products. We can guide the customers to choose the product of proper type and rating most suitable for their application, as designed and manufactured machinery in our factory for control, protect and energy saving of your application.

Most modern manufacturing machinery full fledge testing laboratory, support on application engineering and strong R & D are the core strengths of National Electronics, this in turn reflects in low field failure, high reliability and a wide range of satisfied customer base



Model N - 701
Capacity : 3 - 7.5 HP

DOL Auto Switch

5. Useful for DOL starter.
6. Available for Star- Delta model also.
7. Voltage Range: - 180V to 470V.
8. 6 Months Warranty.

Technical Specifications

Operating voltage : 220 to 460 VAC, 50Hz. Trip time

Delay : 4 sec.

Voltage Unbalance Setting : 35 Volts Phase to Phase.

AUTOSWITCH

Features

1. Available in 1Min / 3 Min /5Min.
2. On single phase condition, it turn off motor.
3. If there is imbalance in 3 phases, then also it will turn off motor.
4. If phase reverse, then it will protect motor, it cannot allow to start motor.



Model N - 702
Capacity : 1 - 5 HP

Single Phase Auto Switch

6. Operates on 170 V to 230 V 1 Ph. Supply.
7. For 1 Ph. Sub Panel

Technical Specifications

Operating voltage : 170 to 230 VAC, 50Hz. Trip time

Delay : 4 sec.

Power On Time : 60 Sec.

AUTO START UNIT

Features

1. Useful for 1 ph. sub contactor type panels to autostart after supply come back.
2. Starting cap timer upto 3 sec. cutoff
3. Auto/Bypass Facility
4. Seperate indicator for OK & Timer
5. On delay timer for restart



Model N - 703
Capacity : 3 - 7.5 HP

DOL Dryrun Auto Switch

Dry Run (automatic push button setting)

5. Operates on low voltage (from 200 V)
6. Useful for 3 Ph. 1 to 7.5.H.P. (DOL Starter) Openwell, Submersible, Monoblock, pumpsets .
7. Separates indications for Timerm, Ok, SPP & Dry Run.
8. Auto Manual Facility.

Technical Specifications

Operating Voltage : 220 to 460 VAC, 50 Hz.

Dry Run Trip Timing : 7 Sec.

Dry Run Setting : 70% of full Load Current.

Trip Time Delay : 4 Sec.

Voltage Unbalance Setting : 35 V Phase to Phase.

AUTOSWITCH (Dry Run)

Features

1. Microcontroller Based Technology.
2. Motor Starts automatically after time delay 1/3/5 min.
3. Restart Timer 2 Hour for after dryrun trip.
4. Protection from voltage unbalance, single phasing &



Model N - 704
Capacity : 10 - 20 HP

Semi Auto Switch

motor.

5. Useful for DOL starter.
6. Available for Star- Delta model also.
7. Voltage Range: - 180V to 470V.
8. 6 Months Warranty.

Technical Specifications

Operating voltage : 220 to 460 VAC, 50Hz. Trip time

Delay : 4 sec.

Voltage Unbalance Setting : 35 Volts Phase to Phase.

AUTOSWITCH

Features

1. Available in 1Min /3Min /5Min.
2. On single phase condition, it turn off motor.
3. If there is imbalance in 3 phases, then also it will turn off motor.
4. If phase reverse, then it will protect motor, it cannot allow to start



Model N - 705
Capacity : 3-30 HP

Semi Dryrun Auto Switch

SEMI DRYRUN AUTOSWITCH

Features

1. Microcontroller Based Technology.
2. Motor Starts automatically after time delay 20Sec. to 5 min.
3. Restart Timer 2 Hour for after dryrun trip.
4. Protection from voltage unbalance, single phasing &

Dry Run (automatic push button setting)

5. Operates on low voltage (from 200 V)
6. Useful for 3 Ph. 3 to 30.H.P. Openwell, Submersible, Monoblock, pumpsets .
7. Separates indications for Timer, Ok, SPP & Dry Run.
8. Auto Manual Facility.

Technical Specifications

Operating Voltage : 220 to 460 VAC, 50 Hz.

Dry Run Trip Timing : 7 Sec.

Dry Run Setting : 70% of full Load Current.

Trip Time Delay : 4 Sec.

Voltage Unbalance Setting : 35 V Phase to Phase.



Model N - 706
Capacity : 3 - 30 HP

GSM Mobile Auto Switch

GSM MOBILE AUTO SWITCH

Features

1. Microcontroller based Technology.
2. Operates from 200 V to 420 V
3. Useful for 3 to 30 HP
4. Separate indicator for OK & Mobile ON
5. For ON/OFF Code & details of voice feedback please refer instruction manual with unit

6. Protection from single Phasing, Dryrun
7. Seperate indicator for Ok, SPP, N/L.
8. NO Need of Mobile Handset
9. You Can Direct insert simcard to this unit

Technical Specifications

Operating voltage : 220 to 460 VAC, 50Hz. Trip time

Delay : 4 sec.

Star to Delta Time Delay : 7 Sec.



Model N - 707
Capacity : 1 - 5 HP

Single Phase Submersible Panel

1 PH Submersible STARTER (Analog)

Features

1. Microcontroller Based Technology.
2. Suitable for Submersible Pumps.
3. Available for 0.5 to 3 H.P. units
4. No Volt Release. (Automatically shuts off on failure of supply)

5. Protection from O/L & Dryrun.
6. Seperate indicators & Voltmeter / Ammeter
7. Automatic push button O/L and N/L setting

707 (Digital)

1. LED display for Each protection & Facility
2. Voltage & Current Shows continuously on LED Display one by one

Technical Specifications

Operating Voltage : 150 to 270 VAC, 50 Hz.

Dry Run Trip Timing : 7 Sec.

Dry Run Setting : 70% of full Load Current.

Trip Time Delay : 7 Sec.



Model N - 708
Capacity : 3 - 30 HP

Digital Dryrun Auto Switch

AUTOSWITCH (DIGITAL)

Features

1. Microcontroller Based Technology.
2. Motor Starts automatically after on Delay time (Setable one delay time)
3. Ammeter & Voltage LED Display & also indicator
4. LED Display for all faults & Protection Indicator
5. After Dry run/O/L trip restart time setable from 1 min to 180 mins.

6. O/L. & D/R% setable
7. SPP/O/L. Protection enable / disable facility
8. SPP protection upto motor terminals (current sensing)
9. Protection from voltage unbalance, Single Phasing & dry run (Automatic push button setting)
10. Useful for 3 Ph, 3 HP to 50 HP open well monoblock submersible pumps.
11. Overload trip current & Dry run trip current shows in Display
12. Seperate indicator for timer, ok, SPP/O/L & D/R.
13. All Technical setting can be changed onsite.

Technical Specifications

Operating voltage : 220 to 460 VAC, 50Hz. Trip time

Delay : 4 sec.

Dry run Setting : 70% of full load current

Overload setting : 130% of full load current

SPP Sensing : Current & Voltage



Model N - 709
Capacity : 1 -20 HP

2/3 Phase Changer

2 / 3 PHASE CHANGER

Features

If you can find a two-phase power source to connect it to, the motor will try to run with 2/3 rds of its windings. If the mechanical load it is connected to need only 2/3 rds of the rating of the motor, it may actually be able to run it successfully. Note however, that two phase power

(e.g. 90 degree phase angle) is not something easily acquired. To my knowledge, there is no generator I've ever heard of which produces two phase power, and it cannot easily be gotten from three phase (120 degree phase angle) power.

Technical Specifications(Capacitor Chart)

Motor HP	Touch Capacitor	Run Capacitor	2 Phase Voltage
3 HP	50 mfd	72 mfd	360 to 380/400
5 HP	72 mfd	108 mfd	360 to 380/400
7.5 HP	108 mfd	120/144 mfd	360 to 380/400
10 HP	120 mfd	144+36 mfd	360 to 380/400
12.5 HP	144 mfd	144+50 mfd	360 to 380/400
15 HP	144 mfd	180 mfd	360 to 380/400
20 HP	144 mfd/216	216 mfd/216	360 to 380/400



Model N - 710
Capacity 3-330 hp

DOL/SEMI Starter

DOL / SEMI STARTER

Features

1. Useful for 3 Ph. all type & Motor Upto 7.5 H.P.
2. Direct online, air break push button type
3. With thermal overload protection relay No Volt coil voltage from 200 V to 450 V operating
4. Heavy powder coated enclosure

Technical Specifications

Operating Voltage : 220 to 460 VAC, 50HZ high quality Coil for DOL & star delta starter
Motor rating DOL 3 - 7.5 HP
Semi starter BP Kit
DOL Starter BP Kit

Wire cross section : 4 sq mm
Thermal overload Relay No volt coil
2200+450 VAC



Model N - 711
Starter Coil, Relay, Kit, Base

Starter Spares

STARTER RELAY

Features (Relay)

1. Thermal Overload Protection
2. Useful for 3 ph. all type of motor for. 5 H.P. to 7.5 H.P.
3. Relay Range 1.5 A - 2.5 A to 13-21 A

Features (No Volt Coil)

1. High Quality coil for DOL & Star Delta Starter
2. Voltage range 160 V to 440 V



Model N - 712
32A, 63A, 100A, 200A, 300A, 500A

Kit - Kat (Fuse)

KIT - KAT (FUSE)

Features

N712 : Kit kat fuse is a semi enclosed fuse or rewirable fuse used for domestic applications.

There are two parts : fuse wire and fuse base
The fuse wire is not kept open in the air nor it is ...

Technical Specifications

Operating Voltage : 220 to 460 VAC high & low voltage
Current rating : 32A, 63A, 100A, 200A
Type : Porcelain fuse



Model N - 713
Capacity : 3 - 7.5 HP

3 Phase Analogue Starter

3 PHASE ANALOGUE STARTER

Features

1. Microcontroller based Technology
2. Motor starts Automatically after time delay 1/3/5 min. Protection from voltage & current unbalance, single phasing, overload & dry run

3. Operates on low voltage (from 250 V)
4. Useful for 3 Ph. 1 to 6 H.P. Openwell, Submersible, monoblock pumpsets.
5. Separates indications for timer Ok SPP Dry run & O/L.
6. Auto Manual Facility
7. Single phasing protection upto motor terminal.
8. 3 pole MCB for mains ON /OFF & Short circuit protection

Technical Specifications

Operating voltage : 220 to 460 VAC, 50 Hz

Dry Run trip timing : 7 Sec

Overload trip timing : 2s to 20 s (IDMT)

Dry Run Setting : 70% of full load current

Overload setting : 130% of full load

Trip time Delay : 4 Sec.

Voltage Unbalance Set : 35 volts

SPP Sensing : Current & Voltage



Model N - 714
Capacity : 3-30 HP

Digital Volt, Amp. Meter

DIGITAL VOLT AMP. METER (3 Phase)

Features

1. Useful for 3 Ph. Motor & Ph.
2. Single Digital Meter For Amp. & Volt
3. Nano Size, Longlife with 6 months Warranty
4. ON/OFF Phase Indicator

5. With voltage selector Switch or Without voltage selector switch for 3 Ph

Technical Specifications

Operating Voltage : 220 - 460 VAC Amp meter Display CT current sensing volt for RYB sequence



Model N - 715
Capacity : 1 - 5 HP

Digital S.P. Auto Panel+WLC

DIGITAL S.P. AUTO PANEL + WLC

Features

1. Microcontroller based technology
2. Suitable for open well Sub. Pumps.
3. Available for 0.5 to 3 H.P. Pumps.
4. Digital Ammeter & Voltage Indication
5. After Dryrun Restart Timer (Setable)

6. Dryrun overload % Setable
7. 2 Tank WLC Facility
8. Auto / Manual Facility

Technical Specifications

Operating Voltage : 160 V to 270 VAC

Current Range : upto 30 amps

Overload trip time : 2 s to 30 s

Dry Run Trip Time : 7 Sec.

Dry Run Setting : 80% of full load (Setable)

Overload Setting : 130% of full Load



Model N - 716
Capacity : 3 - 7.5 HP

Digital DOL Dryrun Starter

DIGITAL DOL DRYRUN STARTER

Features

1. Microcontroller based technology
2. Motor Autostart Facility with setable ondelay time
3. RYB indication for each phase
4. Protection from voltage unbalance, single phasing. Overload, Dryrun & also current sensing SPP (Push button for setting)
5. LED Display for voltage & ammeter & also ph. Voltage indication.

6. Heavy 20 A 4 pole contactor for ON/OFF.
7. Operates on low voltage (From 200 V)
8. Water level; Controller facility available for 2 tanks with display
9. Compact & MS Powder coated panel.
10. Separate indicator for OK, timer, SPP, O/L&D/R, with tank indication.
11. Auto Manual & enable / Sisable Facility for each Protection
12. Useful for 7.5 H.P. Ph. Monoblock, submersible & openwell pumps
13. After dryrun restart facility adjustment to variable time period

Technical Specifications

Operating Voltage : 220 to 460 VAC

Overload trip time : 7 Sec.

Dry Run Trip Time : 7 Sec.

Dry Run Setting : 70% of full load (Setable)

Overload Setting : 140% of full Load



Model N - 717
Capacity : 3 - 7.5 HP

CH DOL Starter

CH DOL STARTER

Features

1. Useful for 3 Ph. all type & Motor Upto 7.5 H.P.
2. Direct online, air break push button type
3. With thermal overload protection relay No Volt coil voltage from 200 V to 450 V operating
4. Heavy powder coated encloser

Technical Specifications

Operating Voltage 220 - 440 VAC CH.

Patti BP Kit

Original BP Kit



Model N - 718
Capacity : 16, 32, 63 A

R/F Switch

R / F SWITCH

Features

Forward/Reverse switch is used in lathes & Machines where forward and reverse operations are frequently done.

Technical Specifications

1. 3 phase 440 V Ac 50 HZ.
2. 16 A rating.
3. Power rating-2.2 k.w
4. Motor rating - Max 3 H.P.
5. Wire cross section – 6 Sq. mm



Model N - 719
Capacity : 1 - 3 HP

Hydroponic S.P.Auto Switch

HYDROPONIC S. P. AUTO SWITCH

Features

1. Microcontroller based technology
2. Operates on low voltage (from 200 V)
3. Useful for Agriculture & Industrial automation
4. Digital Time indications with LED Display

5. On Time Setting 1 to 99 Min & 10 Min to 990 Min.
6. OFF Time Setting 1 to 99 Min & 10 Min to 990 Min

Technical Specifications

Operating Voltage : 220 to 440 VAC, 50 Hz.

Relay Contact : 5A



Model N - 720
Capacity : 1-5 HP

Single Phase V/A Meter

SINGLE PHASE V/A METER

Features

1. Useful for 1 Ph. Motor & Ph.
2. Single Digital Meter For Amp. & Volt
3. Nano Size, Longlife with 12 months Warranty
4. ON/OFF Phase Indicator
5. With voltage selector Switch or Without voltage selector switch for 3 Ph

Technical Specifications

Volt meter 1 phase sensing

Amp meter CT current sensing



Model N - 721
Capacity :

Capacitor Round Type

Run Capacitor

1. Range 2.5 MFD
2. 5.0 MFD
3. 7.5 MFD
4. 10 MFD
5. 15 MFD
6. 20 MFD
7. 25 MFD
8. 36 MFD
9. 50 MFD

CAPACITOR ROUND TYPE

Start Capacitor

1. Range - 80/100 MFD.
2. 100/120 MFD
3. 120/150 MFD
4. 150/200 MFD
5. 200/250 MFD



Model N - 722
Capacity :

KVR Box Type Capacitor

KVR BOX TYPE CAPACITOR

Box Capacitor

- Range - 50 MFD
- 72 MFD
- 108 MFD
- 120 MFD
- 144 MFD

Technical Specifications



Model N - 723
Capacity : 3 - 30 hp

Digital GSM Mobile Auto Switch

DIGITAL GSM MOBILE AUTO SWITCH

Features

1. Microcontroller based Technology.
2. Operates from 200 V to 420 V
3. Useful for 3 to 30 HP
4. Separate indicator for OK & Mobile ON
5. For ON/OFF Code & details of voice feedback please refer instruction manual with unit

6. Protection from single Phasing, Dryrun
7. Seperate indicator for Ok, SPP, N/L.
8. NO Need of Mobile Handset
9. You Can Direct insert simcard to this unit

Technical Specifications

Operating voltage : 220 to 460 VAC, 50Hz. Trip time

Delay : 4 sec.

Star to Delta Time Delay : 7 Sec.



Model N - 724
Capacity : 3 - 7.5 HP

Digital Auto Switch

DIGITAL AUTO SWITCH

Features

1. Microcontroller Based Technology.
2. Motor Starts automatically after on Delay time (Setable onedelay time)
3. Ammeter & Voltage LED Display & also indicator
4. LED Display for all faults & Protection Indicator
5. SPP protection upto motor terminals (current sensing)

6. Protection from voltage unbalance, Single Phasing & (Automatic push button setting)
7. Useful for 3 Ph, 3 HP to 7.5 HP openwell monoblock submersible pumps.
8. Seperate indicator for timer, ok, SPP.
9. All Technical setting can be changed onsite.

Technical Specifications

Operating voltage : 220 to 460 VAC, 50Hz. Trip time

Delay : 4 sec.

SPP Sensing : Current & Voltage



Model N - 725
Capacity : 3 - 7.5 HP

Digital Dryrun Auto Switch

DIGITAL DRYRUN AUTO SWITCH

Features

1. Microcontroller Based Technology.
2. Motor Starts automatically after on Delay time (Setable one delay time)
3. Ammeter & Voltage LED Display & also indicator
4. LED Display for all faults & Protection Indicator
5. After Dry run trip restart time setable from 1 min to 180 mins.

6. D/R% setable
7. SPP Protection enable / disable facility
8. SPP protection upto motor terminals (current sensing)
9. Protection from voltage unbalance, Single Phasing & dry run (Automatic push button setting)
10. Useful for 3 Ph, 3 HP to 7.5 HP openwell monoblock submersible pumps.
11. Dry run trip current shows in Display
12. Seperate indicator for timer, ok, SPP & D/R.
13. All Technical setting can be changed onsite.

Technical Specifications

Operating voltage : 220 to 460 VAC, 50Hz. Trip time

Delay : 4 sec.

Dry run Setting : 70% of full load current

SPP Sensing : Current & Voltage



Model N - 726
Capacity : 3 - 7.5 HP

1 Ph Openwell Water Level Control

1 Ph Water Level Control

Features

1. Microcontroller Based Technology.
2. Useful for 1 Ph. monoblock & openwell pumps.
3. Seperate indications for Overload, Tank full and Tank Empty
4. Corrosion free Float sensor / Stainless Sensor
5. Auto Manual Facility

Technical Specifications

Operating voltage : 170 to 270 VAC, 50Hz.

Trip time delay : 4 sec.



Model N - 727
Capacity : 1 - 3 HP

1 Ph Submersible Panel

1 PHASE OPENWELL STARTER

Features

1. Microcontroller Based Technology.
2. Suitable for Submersible Pumps.
3. Available for 0.5 to 3 H.P. units
4. No Volt Release. (Automatically shuts off on failure of supply)

5. Protection from O/L & Dryrun.
6. Seperate indicators & Voltmeter / Ammeter
7. Automatic push button O/L and N/L setting
8. LED display for Each protection & Facility
9. Voltage & Current Shows continuously on LED Display one by one

Technical Specifications

Operating Voltage : 150 to 270 VAC, 50 Hz.

Dry Run Trip Timing : 7 Sec.

Dry Run Setting : 70% of full Load Current.

Trip Time Delay : 7 Sec.



Model N - 728
Capacity : 0.5 - 2 HP

1 Ph Openwell Starter

1 PHASE OPENWELL STARTER

Features

1. Microcontroller Based Technology.
2. Suitable for Submersible Pumps.
3. Available for 0.5 to 3 H.P. units
4. No Volt Release. (Automatically shuts off on failure of supply)

5. Protection from O/L & Dryrun.
6. Seperate indicators & Voltmeter / Ammeter
7. Automatic push button O/L and N/L setting
8. LED display for Each protection & Facility
9. Voltage & Current Shows continuously on LED Display one by one

Technical Specifications

Operating Voltage : 150 to 270 VAC, 50 Hz.

Dry Run Trip Timing : 7 Sec.

Dry Run Setting : 70% of full Load Current.

Trip Time Delay : 7 Sec.



Model N - 729
Capacity : 3 - 7.5 HP

3 Phase Digital (CH) Starter

3 PHASE DIGITAL (CH) STARTER

Features

1. Microcontroller based technology
2. Motor Autostart Facility with setable ondelay time
3. RYB indication for each phase
4. Protection from voltage unbalance, single phasing. Overload, Dryrun & also current sensing SPP (Push button for setting)
5. LED Display for voltage & ammeter & also ph. Voltage indication.

6. Heavy 20 A 4 pole contactor for ON/OFF.
7. Operates on low voltage (From 200 V)
8. Water level; Controller facility available for 2 tanks with display
9. Compact & MS Powder coated panel.
10. Separate indicator for OK, timer, SPP, O/L&D/R, with tank indication.
11. Auto Manual & enable / Sisable Facility for each Protection
12. Useful for 7.5 H.P. Ph. Monoblock, submersible & openwell pumps
13. After dryrun restart facility adjustment to variable time period

Technical Specifications

Operating Voltage - 220 to 460 VAC
Overload trip time - 7 Sec.
Dry Run Trip Time - 7 Sec.
Dry Run Setting -70% of full load (Setable)
Overload Setting - 140% of full Load



Model N - 730
Capacity : 1 - 3 HP

1 Phase Relay Digital Panel

1 PHASE RELAY DIGITAL PANEL

Features

1. Suitable for 1 Ph. Submersible Pumps
2. Available for 0.5 to 3 H.P. Pumps
3. Thermal Overload Protection
4. Voltage & Current Indication
5. Digital A/V meter for current & Voltage Display

Technical Specifications

Operating Voltage : 160 V to 270 VAC
Current Range : 6/10, 9/14, 13/21, A Relay
Start Capacitor : 80/100, 100/120 MFD
Run Capacitor : 25/36/50 MFD



Model N - 731
Capacity : 1 - 3 HP

1 Phase CH Digital (V/A) Panel

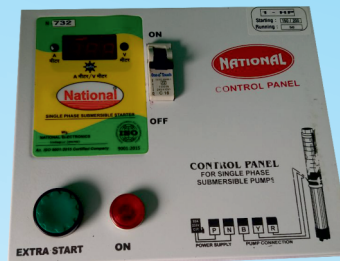
1 PHASE CH DIGITAL (V/A) PANEL

Features

1. Suitable for 1 Ph. Submersible Pumps
2. Available for 0.5 to 3 H.P. Pumps
3. Thermal Overload Protection
4. Voltage & Current Indication
5. Digital A/V meter for current & Voltage Display

Technical Specifications

Operating Voltage : 160 V to 270 VAC
Start Capacitor : 80/100, 100/120 MFD
Run Capacitor : 25/36/50 MFD



Model N - 732
Capacity : 1 - 3 HP

1 Phase MCB Panel

1 PHASE MCB PANEL

Features

1. Suitable for Openwell Submersible Pumps
2. Available for 0.5 to 2 H.P. Units
3. MCB Overload Thermal Protection
4. ON - OFF Switch with Indicator

Technical Specifications

Operating Voltage : 160 V to 270 VAC
Current Range : upto 25 amps
Run Capacitor : 25/36/50 MFD



Model N - 733
Capacity : 3 - 5 HP

1 Phase 4 pole (CH Contractor) Panel

1 PHASE 4 POLE (CH CONTRACTOR) PANEL

Features

1. Suitable for 1 Ph. Submersible Pumps
2. Available for 3 to 5 H.P. Pumps
3. Thermal Overload Protection
4. Voltage & Current Indication
5. Digital A/V meter for current & Voltage Display

Technical Specifications

Operating Voltage - 160 V to 270 VAC
Start Capacitor - 80/100, 100/120 MFD
Run Capacitor - 25/36/50 MFD



Model N - 734
Capacity : 3 - 5 HP

1 Ph Digital Auto Switch Panel

1 PH DIGITAL AUTO SWITCH PANEL

Features

1. Microcontroller based technology
2. Suitable for open well Sub. Pumps.
3. Available for 0.5 to 3 H.P. Pumps.
4. Digital Ammeter & Voltage Indication
5. After Dryrun Restart Timer (Setable)

6. Dryrun overload % Setable
7. 2 Tank WLC Facility
8. Auto / Manual Facility

Technical Specifications

Operating Voltage : 160 V to 270 VAC
Current Range : upto 30 amps
Overload trip time : 2 s to 30 s
Dry Run Trip Time : 7 Sec.
Dry Run Setting : 80% of full load (Setable)
Overload Setting : 130% of full Load



Model N - 735
Capacity : 3 - 7.5 HP

3 Ph GSM Mobile DOL Starter

3 PH GSM MOBILE DOL STARTER

Features

1. Microcontroller based technology
2. Suitable for open well Sub. Pumps.
3. Available for 0.5 to 3 H.P. Pumps.
4. Digital Ammeter & Voltage Indication
5. After Dryrun Restart Timer (Setable)

6. Dryrun overload % Setable
7. 2 Tank WLC Facility
8. Auto / Manual Facility

Technical Specifications

Operating Voltage : 160 V to 270 VAC
Current Range : upto 30 amps
Overload trip time : 2 s to 30 s
Dry Run Trip Time - 7 Sec.
Dry Run Setting : 80% of full load (Setable)
Overload Setting : 130% of full Load

Model No.
736-A



Model No.
736-B

Model No.736
Capacity : 1 TO 25 HP

2/3 PHASE DIGITAL PANEL

2/3 Phase Digital Panel Features

If you can find a two phase power source to connect it to the motor will try to run with 2/3 rds of its. Windings. If the mechanical load it is connected to need only 2/3 rds of the rating of the motor it may actually be able to run it successfully Note however that two phase power

(e.g. 90 degree phase angle) is not something easily acquired to my knowledge there is no generator I've ever heard & which produces two phase power and it cannot easily be gotten from three phase (120 degree phase angle) power.

Technical Specifications (Capacitor Chart)

Motor LLP	Torch Capacitor	Run Capacitor	2 phase voltage
3 HP	50 MFD	72 MFD	360 to 380/400
5 HP	72 MFD	108 MFD	360 to 380/400
7.5 HP	108 MFD	120/144 MFD	360 to 380/400
10 HP	120 MFD	144/36 MFD	360 to 380/400
12.5 HP	144 MFD	144/50 MFD	360 to 380/400
15 HP	144 MFD	180 MFD	360 to 380/400
20 HP	144/216 MFD	216/216 MFD	360 to 380/400



Model No.737
Capacity : 0.5 to 7.5 HP

1 Phase Auto Switch GSM Panel

1 Phase Auto Switch GSM Panel

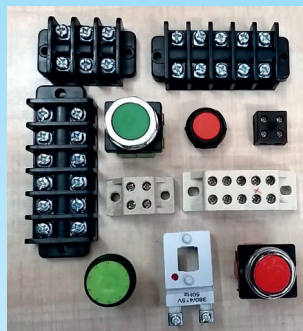
Features

1. Microcontroller based technology
2. Suitable for open well submersible pumps & openwell starter
3. Available for 0.5 to 7.5 H.P. Pumps
4. After dryrun restart timer (Setable)

5. Dryrun overload % setable
6. Auto / Manual facility

Technical Specifications

Operating Voltage - 280 V to 440 VAC
Current Range - Upto 80 amps
Overload trip time - 2 S to 30 S
Dryrun Trip Time - 7 Sec.
Dryrun Setting - 80 % of full load (Setable)
Overload Setting - 130 % of full load



Model No.738

All Spare Parts of Panel

All Spare Parts of Panel

Patti kit, Voltmeter / Ampmeter switches, 5 Way, 3 Way, 6 Way connector, MCB, 4pol, 2pol contactor, Transformer, etc.



Model No.739
Capacity 3-30HP

2/3 PHASE AC DRIVE

2/3 PHASE AC DRIVE Features

- The AC Driver model rss Reduced start currents result in smaller fuses, Cables & energy bills
2. Torque can be boosted to overcome initial peak loads
 3. Integrated vector breaking ensures quick and controlled stops
 4. Increasing productivity & safety

5. Programmable acceleration & deceleration curves, PIN Control 16, programmable speeds

Technical Specifications (Capacitor Chart)

Type : AC Drive
Dimensions (mm) - 162 x 95 x 120 mm
Protection Class : Ip 20
Series : AC Drives Emotron V55
Current at Heavy Duty (A) : 4.2A



Model No.740
Capacity 3HP-5HP-7.5HP

Hydroponimatic Automation (1 Pump, 2 Pump, 4 Pump, Controller)

Hydroponimatic Automation (1 Pump, 2 Pump 4 Pump, Controller)

Features

1. Microcontroller based technology
2. Operates from 220 V to 440 V
- 3) Useful for 1 to 5 HP
- 4) Suitable for openwell pump submersible pump & monoblock
- 5) Digital Amp meter & pump voltage indication
6. After dryrun restart timer (setable)
7. Dryrun overload % setable
8. 2 Tank WLC facility
9. Auto / Manual facility
10. 1 Pump + 2 pump + 4 Pump onetime operate system
11. Tank controller
12. Operates on low
13. Water level controller facility available for 2 tanks with display
14. Compact & MS powder coated panel

Technical Specifications

Operating Voltage - 220 to 440 VAC
Overload trip time - 7 Sec.
Dryrun Setting - 70% of full load (Setable)
Overload Setting - 140% of Full load
Dryrun trip time - 7sec



Model No.741
Capacity - 10 to 20 HP

Semi Automatic Star Delta Starter

SEMI AUTOMATIC STAR DELTA STARTER

Features

1. Microcontroller based technology
2. Motor starts automatically after on delay time (Settable, One Delay time)
3. Amp meter & voltage LED display & also indicator
4. LED Display for all faults & protection indicator
5. After dryer O/L trip restart time settable from 1 min to 180 mins

6. O/L & DIR% Settable
7. Spp/Oil Protection enable disable facility
8. SPP Protection upto motor terminals (Current Sensing)
9. Protection from voltage unbalance, Single phasing & dryrun
10. Useful for 3Ph, 3 Hp to 50 Hp Open well monoblock submersible pumps
11. Overload trip current & dryrun trip current show in display
12. Seperate Indicator for timer ok SPP/O/L.D.R.

Technical Specifications (Capacitor Chart)

Operating voltage 220 to 460 VAC, 50HZ. Trip time delay - 4 Sec.
Dryrun setting - 70% of full load current overload setting - 130% of full load current spp sensing - current & voltages



Model No.742
Capacity 1 to 10 HP
Solar Water Pump Controller

SOLAR WATER PUMP CONTROLLER

Features

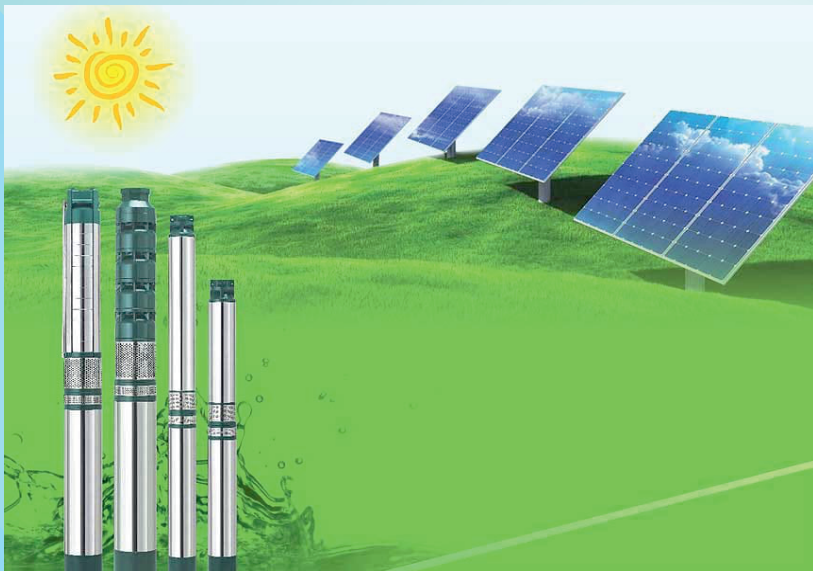
- Reduce your electricity bill > 60%
- No maintenance no recurring cost
- Fuel save solution for large DG sets
- Life of > 25 years

- Accelerated depreciation of 40%
- Solar water pump controller
- Solar grid tie system
- Solar inverter with battery
- Solar pumping solution

Basic Working of solar

When sun light falls on solar panels courses flow of electrons DC Voltage will generate this is converted into AC voltage is used as power to run electrical appliances





Off-Grid



On-Grid



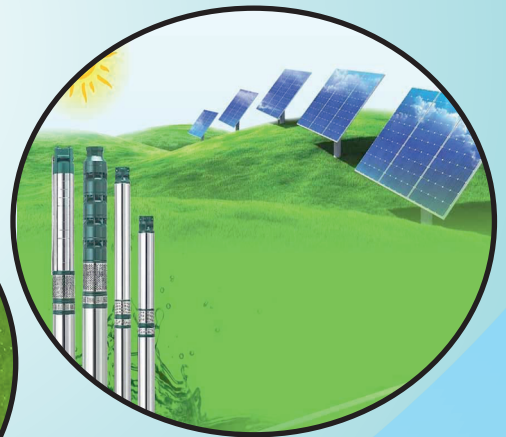
Solar Products



AN ISO 9001-2015 CERTIFIED COMPANY



NATIONAL ELECTRONIC



Mfg.By  **National**
NATIONAL ELECTRONICS
AN ISO 9001-2015 CERTIFIED COMPANY

Mfg. : Old Kacheri Road,
Opp. Baramati Bank, Indapur - 413106
Email : nationalautocom@gmail.com
Customer Care No. : 2111-224786
96579 98007

Pune Office

Market Yard, Gangadham Chowk,
Behind Aai Mata Mandir, Sr. No.623/1,
Prasad, Bibvenagar, Zende House,
Bibwewadi, Pune (CB) 411037
Mob. : 09561990786 / 93260 03810