

# THE FUTURE OF SUBMERSIBLE CONTROL



**Corporate Office**  
**HITSON ELECTRIC INDIA**

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**Manufacturing Unit**

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**SUBMERSIBLE  
PUMPS**  
Control Panel's and Starter



We ensure customer satisfaction by maintaining the highest standards of product quality and after-sales support.

## Company Profile

Hitson Electirc India

Founded in 2008, HITSON has established itself as a trusted and pioneering manufacturer of submersible control panels and pump control solutions. Over the years, we have been proudly serving farmers, industries, and infrastructure projects across India, providing products that meet the highest standards of performance and reliability.

At HITSON, we believe that water and power are lifelines for growth and development. That's why our solutions are designed with a strong emphasis on innovation, efficiency, and long-term durability. Each product is engineered to deliver seamless performance, ensuring uninterrupted water supply, protecting motors from electrical risks, and supporting sustainable energy use.

**Safe. Smart.  
Sustainable**

### Our Mission

At HITSON, our mission is to empower farmers, industries, and communities with reliable, innovative, and energy-efficient submersible control solutions. We are dedicated to delivering products that ensure smooth water management, reduce downtime, and maximize performance. With a focus on quality, safety, and customer satisfaction, we strive to make water and power management simpler, smarter, and more sustainable.

### Our Vision

Our vision is to be a leading name in submersible and pump control solutions, recognized for excellence, innovation, and trust. We aim to set new benchmarks in the electrical industry by continuously advancing technology, building eco-friendly solutions, and supporting India's growth in agriculture and infrastructure. At HITSON, we envision a future where every drop of water and every unit of power is utilized efficiently to create prosperity and progress.



# HITSON<sup>TM</sup>

*we value your safety*

## Safe. Smart. Sustainable



Advanced Technology



Durability Guaranteed



Farmer-Friendly



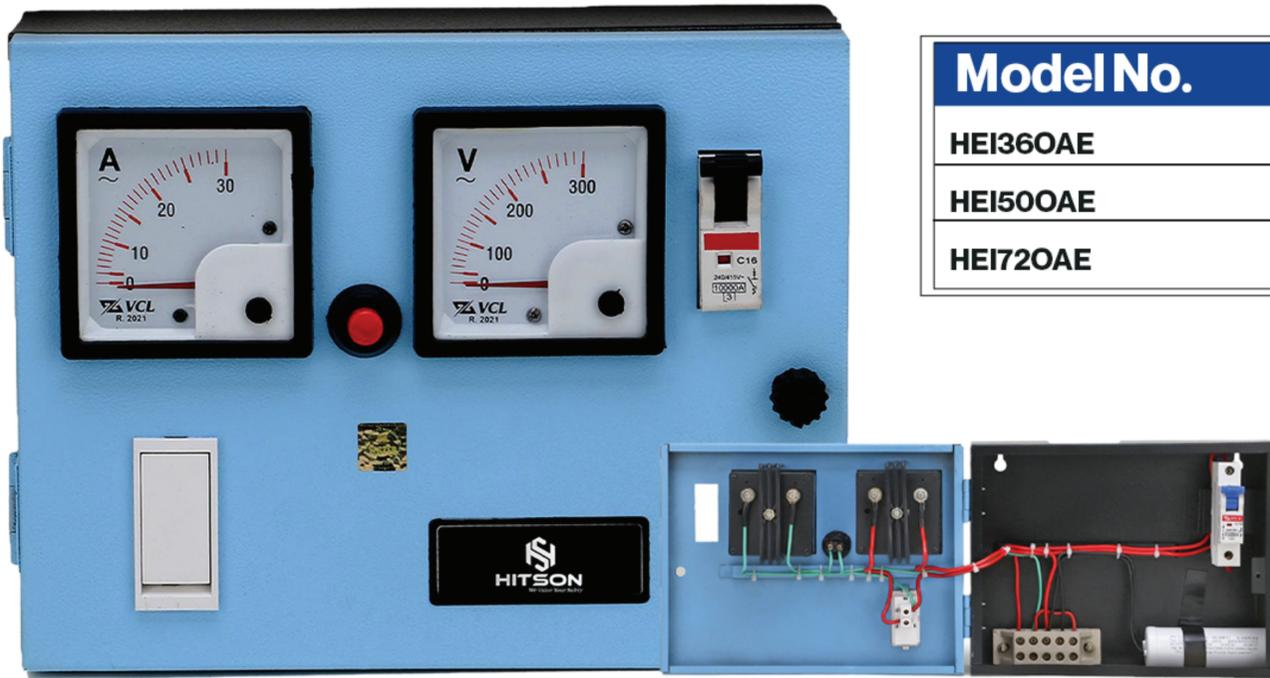
Energy Efficient



24/7 Support



Proven Track Record



Model No.	HP
HEI360AE	1.00 HP
HEI500AE	1.50 HP
HEI720AE	2.00 HP

### TECHNICAL SPECIFICATIONS – OIL FILLED E SERIES PANEL

Technical Specifications	Details
Phase	Single Phase
Rated Voltage	220–240V AC, 50Hz
Power Range	0.5 HP to 3 HP
Operating Current	2A – 18A
MCB Rating	Heavy Duty Isolator Type
Switching Device	Modular ON/OFF Switch
Capacitor:	(16A/25A)
Running Capacitor	(36 MFD – 72 MFD, 440V)
Metering Instruments:	Analog Ammeter (0–20A / 0–30A)
Enclosure Type	Oil Filled, Mild Steel Body with Powder Coating



#### Metering System

Fitted with heavy-duty analog meters, capable of withstanding up to 30 Amp / 300 Volt, ensuring precise monitoring of current and voltage.



#### Switch Mechanism:

Equipped with premium silver point modular switches for reliable ON/OFF operation and enhanced safety.



#### Capacitor:

Integrated with high-quality Globe Film capacitors to ensure smooth and efficient motor operation



#### push button :

A high-quality copper point 'Push-to-Volt' button is used, allowing instant voltage monitoring with a single press."



#### MCB, Designed

Equipped with an isolator MCB, designed to efficiently handle electrical loads and protect against overcurrent or short circuits.



#### Connection Plate:

Uses ceramic connection plates, effectively eliminating the risk of overheating and ensuring long-term stability.



#### Body Material:

Constructed using high-grade Tata steel for superior durability and strength. Finished with phosphating treatment followed by high-quality powder coating to ensure long-lasting rust and corrosion resistance.

### Key Benefits

- ✔ Saves Water & Electricity
- ✔ Protects Motor from Damage
- ✔ Hassle-Free Automatic Operation
- ✔ Accurate & Reliable Monitoring
- ✔ Easy to Install & Operate



ModelNo.	HP
HEI36WAM	1.00 HP
HEI50WAM	1.50 HP
HEI72WAM	2.00 HP

- 
**Metering System**  
 Fitted with heavy-duty analog meters, capable of withstanding up to 30 Amp / 300 Volt, ensuring precise monitoring of current and voltage.
- 
**Switch Mechanism:**  
 Equipped with premium silver point modular switches for reliable ON/OFF operation and enhanced safety.
- 
**Capacitor:**  
 Integrated with high-quality Globe Film capacitors to ensure smooth and efficient motor operation.
- 
**Start Switch:**  
 A heavy-duty green AHD push switch is used to provide a reliable and durable starting mechanism for the motor.

- 
**MCB, Designed**  
 Equipped with an isolator MCB, designed to efficiently handle electrical loads and protect against overcurrent or short circuits.
- 
**Connection Plate:**  
 Uses ceramic connection plates, effectively eliminating the risk of overheating and ensuring long-term stability.
- 
**Body Material:**  
 Constructed using high-grade Tata steel for superior durability and strength. Finished with phosphating treatment followed by high-quality powder coating to ensure long-lasting rust and corrosion resistance.
- 
**Indicator Light:**  
 A red indicator light is provided to signal when the motor is running, allowing users to easily identify the motor's operational status.

### TECHNICAL SPECIFICATIONS – WATER FILLED SUBMERSIBLE PANEL – MANUAL MODEL

Technical Specifications	Details
Phase	Single Phase
Rated Voltage	220–240V AC, 50Hz
Power Range	0.5 HP to 3 HP
Operating Current	2A – 18A
MCB Rating	Heavy Duty Isolator Type
Switching Device	Modular ON/OFF Switch
Capacitor:	(16A/25A)
Running Capacitor	(36 MFD – 72 MFD, 440V)
Metering Instruments:	Analog Ammeter (0–20A / 0–30A)
Enclosure Type	Water Filled, Mild Steel Body with Powder Coating

### Key Benefits

- ☑ Saves Water & Electricity
- ☑ Protects Motor from Damage
- ☑ Hassle-Free Automatic Operation
- ☑ Accurate & Reliable Monitoring
- ☑ Easy to Install & Operate



ModelNo.	HP
HEI36SAM	1.00 HP
HEI50SAM	1.50 HP
HEI72SAM	2.00 HP

## TECHNICAL SPECIFICATIONS – WATER FILLED STANDARD MODEL

Technical Specifications	Details
Phase	Single Phase
Rated Voltage	220–240V AC, 50Hz
Power Range	0.5 HP to 3 HP
Operating Current	2A – 18A
MCB Rating	Heavy Duty Isolator Type
Switching Control	ON/OFF Push Button (Heavy Duty)
Capacitor:	(16A/25A)
Running Capacitor	36–72 MFD, 440V AC
Metering Instruments:	Analog Ammeter (0–20A / 0–30A)
Enclosure Type	Water Filled, Powder Coated Mild Steel Body

**Metering System**  
Fitted with heavy-duty digital meters, capable of withstanding up to 50 Amp / 500 Volt, ensuring precise monitoring of current and voltage.

**Switch Mechanism:**  
Equipped with premium silver point gf switches for reliable ON/OFF operation and enhanced safety.

**Capacitor:**  
Integrated with high-quality Globe Film capacitors to ensure smooth and efficient motor operation

**Contactor System:**  
Utilizes heavy-duty copper-brass contactor points with copper winding, ensuring strong conductivity and durability.

**MCB, Designed**  
Equipped with an isolator MCB, designed to efficiently handle electrical loads and protect against overcurrent or short circuits.

**Connection Plate:**  
Uses ceramic connection plates, effectively eliminating the risk of overheating and ensuring long-term stability.

**Body Material:**  
Constructed using high-grade Tata steel for superior durability and strength. Finished with phosphating treatment followed by high-quality powder coating to ensure long-lasting rust and corrosion resistance.

**Indicator Light :**  
A red indicator light is provided to signal when the motor is running, allowing users to easily identify the motor's operational status."

## Key Benefits

- ✔ Saves Water & Electricity
- ✔ Protects Motor from Damage
- ✔ Hassle-Free Automatic Operation
- ✔ Accurate & Reliable Monitoring
- ✔ Easy to Install & Operate

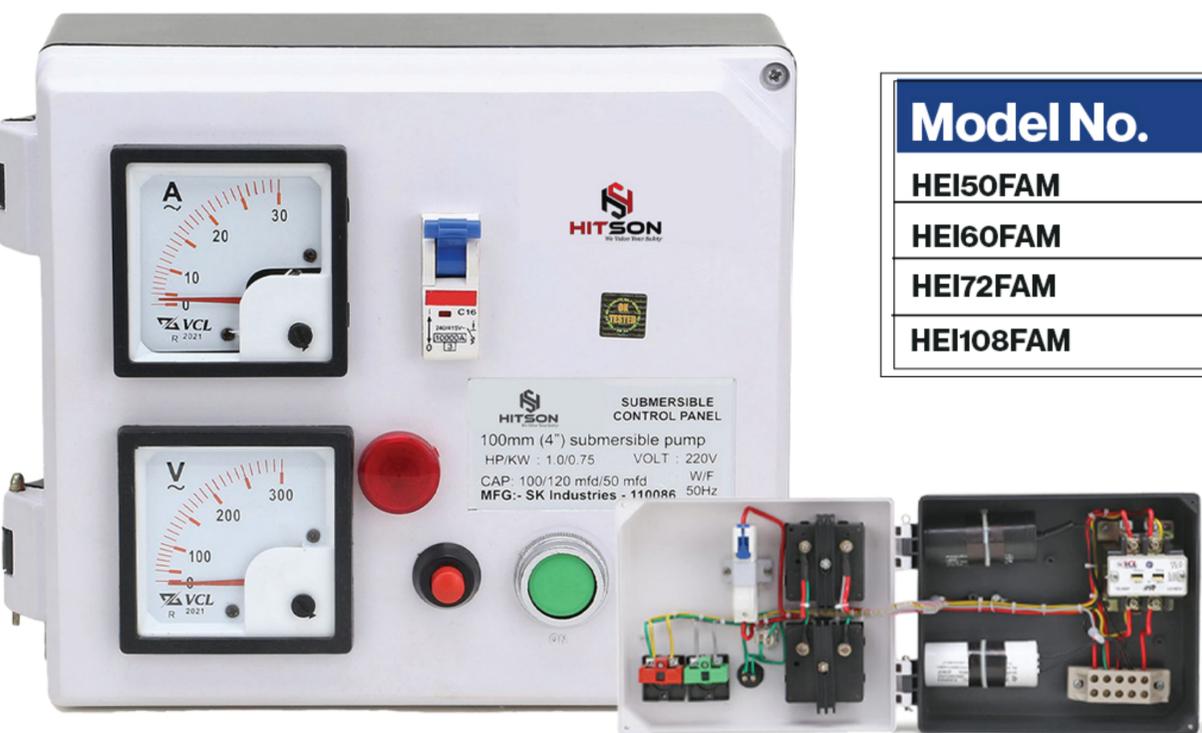
### TECHNICAL SPECIFICATIONS – WATER FILLED FIBER MODEL

Technical Specifications	Details
Phase	Single Phase
Rated Voltage	220–240V AC, 50Hz
Power Range	0.5 HP to 3 HP
Operating Current	2A – 18A
MCB Rating	Heavy Duty Isolator Type
Switching Control	ON/OFF Push Button (Heavy Duty)
Capacitor:	(16A/25A)
Running Capacitor	36–72 MFD, 440V AC
Metering Instruments:	Analog Ammeter (0–20A / 0–30A)
Enclosure Type	Water Filled, compact & lightweight

### Key Benefits

- ✔ Saves Water & Electricity
- ✔ Protects Motor from Damage
- ✔ Hassle-Free Automatic Operation
- ✔ Accurate & Reliable Monitoring
- ✔ Easy to Install & Operate

Model No.	HP
HEI50FAM	1.00 HP
HEI60FAM	1.50HP
HEI72FAM	2.00 HP
HEI108FAM	3.00 HP



**HITSON**  
SUBMERSIBLE CONTROL PANEL  
100mm (4") submersible pump  
HP/KW : 1.0/0.75 VOLT : 220V  
CAP: 100/120 mfd/50 mfd W/F  
MFG:- SK Industries - 110086 50Hz



#### Metering System

Fitted with heavy-duty analog meters, capable of withstanding up to 30 Amp / 300 Volt, ensuring precise monitoring of current and voltage.



#### Switch Mechanism:

Equipped with premium silver point of switches for reliable ON/OFF operation and enhanced safety.



#### Capacitor:

Integrated with high-quality Globe Film capacitors to ensure smooth and efficient motor operation



#### Contactor System:

Utilizes heavy-duty copper-brass contactor points with copper winding, ensuring strong conductivity and durability.



#### MCB, Designed

Equipped with an isolator MCB, designed to efficiently handle electrical loads and protect against overcurrent or short circuits.



#### Connection Plate:

Uses ceramic connection plates, effectively eliminating the risk of overheating and ensuring long-term stability.



#### Body Material:

Enclosure Material: The panel is built with pure ABS material, enhancing the box's durability. It is shockproof, fire-resistant, and 99% unbreakable, ensuring maximum safety and longevity.

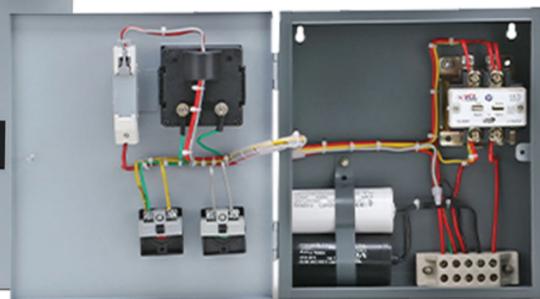


#### IndicatorLight :

A red indicator light is provided to signal when the motor is running, allowing users to easily identify the motor's operational status."



Model No.	HP
HEI50SHDM	1.00 HP
HEI60SHDM	1.50HP
HEI72SHDM	2.00 HP
HEI72SHDM	3.00 HP



## TECHNICAL SPECIFICATIONS – WATER FILLED DIGITAL GOLD MODEL

Technical Specifications	Details
Operating Voltage	220–240V AC, 50Hz
Power Range	0.5 HP to 3 HP
Running Capacitor	36–72 MFD / 440V
Starting Capacitor	100–120 MFD / 440V
MCB: Full Trip Type	Full Trip Type (16A/25A)
Meters	Digital Volt & Amp Display

### Key Highlights:

- ✔ **Digital Accuracy**  
Fitted with Digital Amp & Volt Meter for clear and accurate readings
- ✔ **Full Safety**  
Equipped with Full Trip MCB for total protection against overload & short circuit
- ✔ **Heavy Duty Components**  
BCH Type Contactor with branded capacitors for long life & stable performance
- ✔ **Autocut Technology**  
Automatic power cut-off during abnormal conditions, ensures motor safety
- ✔ **User Friendly**  
Push Button ON/OFF & Motor ON Indicator for easy operation
- ✔ **Durable Design**  
Water-filled MS body with powder coating for better cooling & long-lasting life



#### Metering System

Fitted with heavy-duty digital meters, capable of withstanding up to 50 Amp / 500 Volt, ensuring precise monitoring of current and voltage.



#### Switch Mechanism:

Equipped with premium silver point switches for reliable ON/OFF operation and enhanced safety.



#### Capacitor:

Integrated with high-quality Globe Film capacitors to ensure smooth and efficient motor operation



#### Contactor System:

Utilizes heavy-duty copper-brass contactor points with copper winding, ensuring strong conductivity and durability.



#### MCB, Designed

Equipped with an full trip MCB, designed to efficiently handle electrical loads and protect against overcurrent or short circuits.



#### Connection Plate:

Uses ceramic connection plates, effectively eliminating the risk of overheating and ensuring long-term stability.



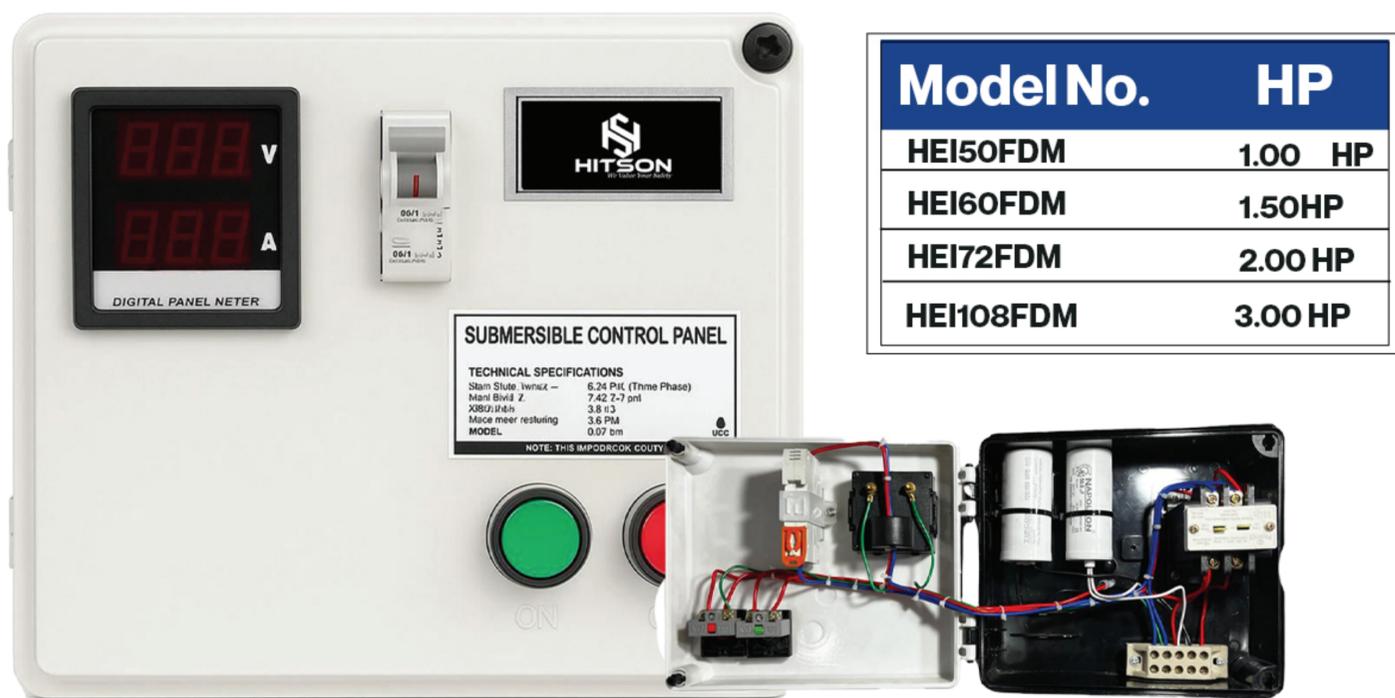
#### Body Material:

Constructed using high-grade Tata steel for superior durability and strength. Finished with phosphating treatment followed by high-quality powder coating to ensure long-lasting rust and corrosion resistance.



#### Indicator Light:

A red indicator light is provided to signal when the motor is running, allowing users to easily identify the motor's operational status."



Model No.	HP
HEI50FDM	1.00 HP
HEI60FDM	1.50HP
HEI72FDM	2.00 HP
HEI108FDM	3.00 HP

**SUBMERSIBLE CONTROL PANEL**

**TECHNICAL SPECIFICATIONS**  
 Main Switch - 6.24 Pk (Three Phase)  
 Main Breaker - 7.42 7-7 pnt  
 XPSZ - 3.8 13  
 Mace meer restung - 3.6 PM  
 MODEL - 0.07 bm

NOTE: THIS IS IMPROVED COPY

**TECHNICAL SPECIFICATIONS – WATER FILLED FIBER DIGITAL MODEL**

Technical Specifications	Details
Operating Voltage	180V – 240V AC (Single Phase)
Power Range	0.5 HP to 3 HP
Running Capacitor	Heavy-duty capacitor as per motor rating
Starting Capacitor	High-quality electrolytic capacitor for reliable motor start
MCB: Full Trip Type	Full Trip Type, ensuring safety against overload & short circuit
Meters	Digital voltmeter & ammeter for accurate monitoring

**Metering System**  
 Fitted with heavy-duty analog meters, capable of withstanding up to 30 Amp / 300 Volt, ensuring precise monitoring of current and voltage.

**Switch Mechanism:**  
 Equipped with premium silver point of switches for reliable ON/OFF operation and enhanced safety.

**Capacitor:**  
 Integrated with high-quality Globe Film capacitors to ensure smooth and efficient motor operation

**Contactor System:**  
 Utilizes heavy-duty copper-brass contactor points with copper winding, ensuring strong conductivity and durability.

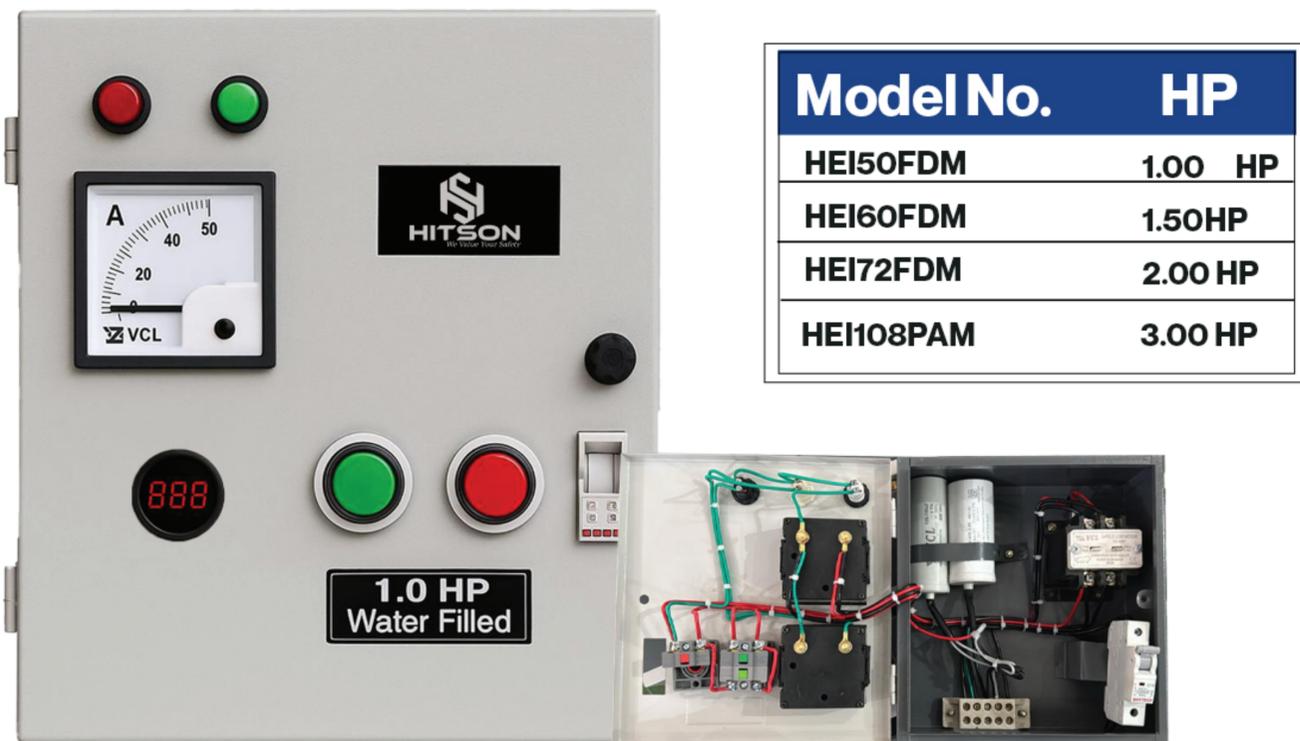
**MCB, Designed**  
 Equipped with an isolator MCB, designed to efficiently handle electrical loads and protect against overcurrent or short circuits.

**Connection Plate:**  
 Uses ceramic connection plates, effectively eliminating the risk of overheating and ensuring long-term stability.

**Body Material:**  
 Enclosure Material: The panel is built with pure ABS material, enhancing the box's durability. It is shockproof, fire-resistant, and 99% unbreakable, ensuring maximum safety and longevity.

**Indicator Light :**  
 A red indicator light is provided to signal when the motor is running, allowing users to easily identify the motor's operational status.\*

- ✔ **Power Range Flexibility**  
 Suitable for pumps ranging from 0.5 HP to 10 HP.
- ✔ **Heavy-Duty Capacitors**  
 Ensures smooth starting and running of the motor.
- ✔ **Full Trip Type MCB**  
 Maximum protection against overloads and short circuits.
- ✔ **Digital Monitoring**  
 Inbuilt voltmeter & ammeter for precise current and voltage display.
- ✔ **Durable Build Quality**  
 Robust enclosure for long life and reliable performance.
- ✔ **User-Friendly Controls**  
 Simple ON/OFF push buttons for easy operation.



Model No.	HP
HEI50FDM	1.00 HP
HEI60FDM	1.50HP
HEI72FDM	2.00 HP
HEI108PAM	3.00 HP

### TECHNICAL SPECIFICATIONS – WATER FILLIED PREMIUN MODEL

Technical Specifications	Details
Operating Voltage	180V – 240V AC (Single Phase)
Power Range	0.5 HP to 3 HP
Running Capacitor	Heavy-duty oil-filled capacitor (as per motor rating)
Starting Capacitor	High-quality electrolytic capacitor for reliable starting
MCB: Full Trip Type	Full Trip Type for overload & short-circuit protection
Meters	Analog Ammeter + Digital Voltmeter for accurate monitoring

**Metering System**  
Fitted with heavy-duty analog meters, capable of withstanding up to 30 Amp / 300 Volt, ensuring precise monitoring of current and voltage.

**Switch Mechanism:**  
Equipped with premium silver point gf switches for reliable ON/OFF operation and enhanced safety.

**Capacitor:**  
Integrated with high-quality Globe Film capacitors to ensure smooth and efficient motor operation

**Contactor System:**  
Utilizes heavy-duty copper-brass contactor points with copper winding, ensuring strong conductivity and durability.

**MCB, Designed**  
Equipped with an isolator MCB, designed to efficiently handle electrical loads and protect against overcurrent or short circuits.

**Connection Plate:**  
Uses ceramic connection plates, effectively eliminating the risk of overheating and ensuring long-term stability.

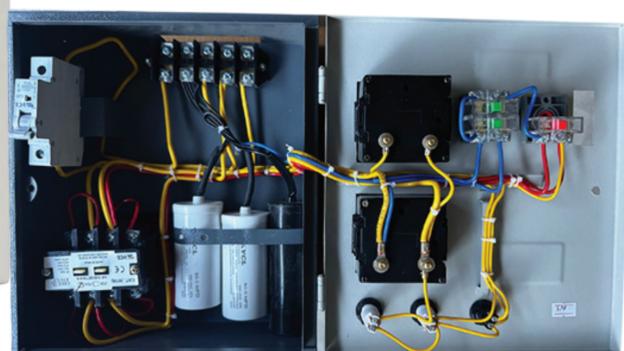
**Body Material:**  
Constructed using high-grade Tata steel for superior durability and strength. Finished with phosphating treatment followed by high-quality powder coating to ensure long-lasting rust and corrosion resistance.

**indicator light :**  
A red indicator light is provided to signal when the motor is running, allowing users to easily identify the motor's operational status."

- ✓ **Powerful Protection**  
Full trip-type MCB safeguards against overloads & short circuits.
- ✓ **Dual Meter System**  
Analog Ammeter & Digital Meter for accurate monitoring.
- ✓ **Heavy-Duty Capacitors**  
Ensures reliable starting & continuous performance.
- ✓ **Robust Enclosure**  
Premium build quality for long life in tough conditions
- ✓ **User-Friendly Controls**  
Simple push buttons (ON/OFF) with indicator lights.
- ✓ **Reliable Performance**  
Specially designed for water-filled submersible pumps.



Model No.	HP
HEI50SHAM	1.00 HP
HEI60SHAM	1.50HP
HEI72SHAM	2.00 HP
HEI108SHAM	3.00 HP



## TECHNICAL SPECIFICATIONS – WATER FILLED DIAMOND MODEL

Technical Specifications	Details
Operating Voltage	180V – 240V AC (Single Phase)
Power Range	0.5 HP to 3 HP
Running Capacitor	Heavy-duty capacitor (as per motor rating)
Starting Capacitor	High-quality electrolytic capacitor for smooth starting
MCB: Full Trip Type	Full Trip Type for overload & short-circuit protection
Meters	Dual Analog Meter (Voltmeter + Ammeter) for precise monitoring



### Metering System

Fitted with heavy-duty brass meters, capable of withstanding up to 50 Amp / 530 Volt, ensuring precise monitoring of current and voltage.



### Switch Mechanism:

Equipped with premium silver point transparent gf switches for reliable ON/OFF operation and enhanced safety.



### Capacitor:

Integrated with high-quality Globe Film capacitors to ensure smooth and efficient motor operation



### Contactor System:

Utilizes heavy-duty copper-brass 4 pole contactor points with copper winding, ensuring strong conductivity and durability.



### MCB, Designed

Equipped with an isolator MCB, designed to efficiently handle electrical loads and protect against overcurrent or short circuits.



### Connection Plate:

Uses 60 amp dmc connection plates, effectively eliminating the risk of overheating and ensuring long-term stability.



### Body Material:

Constructed using high-grade Tata steel for superior durability and strength. Finished with phosphating treatment followed by high-quality powder coating to ensure long-lasting rust and corrosion resistance.



### Indicator light :

A red indicator light is provided to signal when the motor is running, allowing users to easily identify the motor's operational status."

- ✔ **Dual Analog Meters**  
Separate voltmeter & ammeter for clear and precise monitoring.
- ✔ **Heavy-Duty Capacitors**  
Enhances motor life and ensures smooth operation.
- ✔ **Full Trip Type MCB**  
Maximum safety against overload & short circuits.
- ✔ **Sturdy Enclosure**  
Rugged, long-lasting build designed for tough environments.
- ✔ **User-Friendly Design**  
Easy ON/OFF push buttons with indicator lights.
- ✔ **Premium Category Panel**  
Specially engineered for high reliability in water-filled pumps.



### Key Features

- ✔ Dual Digital Display (Amp/Volt)
- ✔ Auto/Manual Operation Mode
- ✔ Dry Run & Overload Protection
- ✔ High/Low Voltage Safety
- ✔ Tank Full Auto Stop
- ✔ Compact & Durable Design

### Technical Specifications

Technical Specifications	Details
Type	Fully Automatic Digital Panel
Voltage	240V AC (Single Phase)
Frequency	50 Hz
HP Range	0.5 HP – 3 HP
Display	Dual (Amp/Volt)
Protection	Overload, Dry Run, High/Low Voltage
Operating	Mode Auto / Manual
MCB Rating	16A (VCL)
Application	Submersible Pump, Water Tank, Borewell

### Product Introduction

The HITSON SMD Fully Automatic Digital Panel is a next-generation control solution designed for modern submersible pumps. Built with SMD (Surface Mount Device) technology, it delivers superior performance, longer life, and unmatched reliability. This panel comes with a dual digital display for accurate ampere and voltage monitoring, ensuring complete control and safety of your pump.

Equipped with intelligent protection features, it safeguards against overload, high/low voltage, and dry run conditions, making it the ideal choice for both domestic and agricultural applications. The manual/auto switch and digital indicators provide flexibility, ease of operation, and peace of mind to users.

### Key Benefits

- ✔ Saves Water & Electricity
- ✔ Protects Motor from Damage
- ✔ Hassle-Free Automatic Operation
- ✔ Accurate & Reliable Monitoring
- ✔ Easy to Install & Operate



## Terms & Conditions

- During the warranty period, only the defective part will be replaced.
- Replacement of the complete product is not included under warranty.
- Products damaged due to burning or electrical faults (busted) are not covered.
- Physically broken products are not covered. However, if damage or breakage occurs during transportation, it will be covered under warranty.
- Any damage caused due to immersion of the panel in water will not be covered under warranty.

## Contact Us

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info@hitsonelectric.com

**Corporate Office**  
**HITSON ELECTRIC INDIA**

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Sector -132, Noida, Gautam Buddha  
Nagar 201 304, Uttar Pradesh

**Manufacturing Unit**

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Industrial Area Nangloi, Delhi-110041



SCAN OUR QR CODE

