



**KAYCEE**  
Brand that set the standards

## RANGE OF STARTERS

Water – one of the most needed items in the world without which no life can survive neither any kind of industry.

In fast growing & moving world most popular is product service by the way of best technology & best manufacturing practice. With same concept & theme we at Kaycee always tried to give our best in Electrical Industry & stand strongly from last 80 years.

To support Agriculture Industry as well as Building Utility construction “ **WATER** ” is most important factor Kaycee has come up with new technology feature starters in basket along with submersible cables.

What starter features we have.....

Submersible starters – up to 2HP & onwards on request.

Our Digital Pump motor Starter for 1 phase & 3 phases are designed with advanced technology of micro controller based system having the safest and manual friendly solution for long life and trouble-free operations of the pumps ensuring continuous and automated pumping operation. Our design criterion has been built-in features & can absolute reliability for entire life of the equipment.

### Features :

PHASE AVAILABLE	1 PHASE & 3 PHASE.
OVER & under VOLTAGE & CURRENT	IN BUILT.
Over load & SHORT CIRCUIT PROTECTION	Protected by micro controller based technology, trip instantly at set values.
SINGLE PHASING	INBUILT VOLTAGE & CURRENT Sensing technology. INCASE OF UNBALANCING SITUATIONS or missing phase.
Dry Run Protection	INBUILT DRY RUN PROTECTION CURRENT BASED.
Fault Finding	Direct reading of Fault on display. Hence easy and reliable fault Finding.
Maintenance	80% SMD COMPONENTS & MICRO CONTROLLER BASED ASSEMBLY CAUSES ALMOST NUL MAINTENANCE.
Reliability	DUE TO THE LATEST TECHNOLOGY MORE RELIABLE & LIFE COMPARE TO CONVENTIONAL STARTERS.
Tank Indication	In case of Residential properties or hotel industries Tank water level for lower & upper tank can be added as feature.

## CONVENTIONAL & AGRI STARTERS:

Our conventional & Agri motor starters are designed for 1 phase & 3 phase are with advanced technology of best Contactors, OLR, MCB with Analog & Digital meters having the most safe and manual friendly solution for long life and trouble-free operations of the pumps ensuring continuous and automated pumping operation.



### Features :

PHASE AVAILABLE	1 PHASE & 3 PHASE.
OVER & UNDER VOLTAGE & CURRENT PROTECTION	Protected.
Phase Failure	Phase imbalance, Phase reversal, short circuit with <b>OLR, CT &amp; MCB.</b> ( in case of 3 phase)
Current & voltage Monitoring	Available. (in case of 3 phase)
Dry Run	Analog & Digital Meters.
Phase Indication	Available on request.
Voltage Band	Supply healthy Available with indicating Lamp.
Suitable for	Optional with wide Band coil.
Enclosure	Industrial & Agriculture Industry Up to 20 HP & onwards against demand.
Communication	Metal Enclosures by default with IP54 & IP55 on request. Plastic can be provided on demand.
	Remote monitoring & control Facility available on Demand.

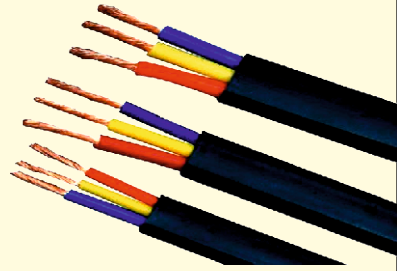
Kaycee for Commitment...

Kaycee for Quality...



## SUBMERSIBLE FLAT CABLE

### TECHNICAL DATA SHEET



1.	Cable Type	Submersible Flat Cable
2.	Voltage Grade	1100 Volts
	Mechanical Data	—
3.	Conductor	Bright plain annealed multistranded Copper as per IS : 8130 / 1984
4.	Insulation	PVC Type A Compound as per IS : 5831-1984
5.	Outer Sheath	ST 1 Compound as per IS : 5831-1984
6.	Max. Temperature of Conductor	70° C
7.	Short circuit Temperature	160° C
	<b>Electrical Data</b>	
8.	Voltage	1100 Volts
9.	Referennce Standardes	IS 694 - 2010
10.	Core Colour	Red, Yellow, Blue
11.	Sheath Colour	Black

Sq. mm	Construction Size & item	PVC insulated Nominal Thickness (mm)	PVC insulated Core Diameter $\pm 0.05$ (mm)	No. of Cores	PVC Outer Sheath Nominal Thickness (mm)	Overall Dimension (WXH) mm x mm $\pm 0.2$	Max Conductor Resistance @20 Deg.C
						Min / Max	
1.5	22/0.3	0.60	2.85	3	0.90	11.30 x 5.20	12.1
2.5	36/0.3	0.70	3.35	3	1.00	13.30 x 6.20	7.41
4.0	56/0.3	0.80	4.10	3	1.10	14.50 x 6.40	4.95
6.0	84/0.3	0.80	17.40	3	1.10	17.40 x 7.30	3.30

**ALSO AVAILABLE SIZE 10 AND 16 SQ.MM**

**CABLES 3C X.....SQ. MM 1100 V IS : 694 ISI CM/L - 3479979**

PVC Outer Sheath

3C X ... SQ MM PVC SUBMERSIBLE CABLE 1100V.

Red  
Yellow  
Blue

PVC Insulated Cores

Note : Standard Packing available in 100, 500 and 1000 mtr.



Manufactured by :

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