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BCH

BCH ELECTRIC LIMITED



MOTOR STARTERS

Price List effective 17th November 2025



*Farmer's trusted
irrigation partner
Since 1965*

www.bchindia.com

Modern facilities at Faridabad & Rudrapur

Our Strengths

- ◆ State-of-the-art product development and R&D
- ◆ Modern manufacturing facilities
- ◆ Tool room with latest facilities
- ◆ Serving customers for five decades
- ◆ Presence in ~50 locations
- ◆ 650 channel partners
- ◆ ISO 9001:2015 & ISO 14001:2015, ISO 45001: 2018 certified company

Core Values

- ◆ Integrity
- ◆ Nurturing People
- ◆ Commitment to Customers
- ◆ Striving for Excellence
- ◆ Long Term Thinking

Quality Policy

We as a member of BCH Electric Limited manufacturer of Low Voltage Switchgear & Controlgear products, are fully committed to provide Quality products and service in compliance with applicable Statutory and Regulatory requirements, to meet or exceed the customer need and expectations through -

- ◆ Continual improvement
- ◆ Involvement of employees
- ◆ Setting Quality objectives
- ◆ Training and development of employees

Health & Safety Policy

We as a member of BCH Electric Limited manufacturer of Low Voltage Switchgear & Controlgear products, are fully committed to conduct Business in compliance to applicable Health & Safety legislation and regulation.

We shall continually improve through -

- ◆ Provide Safe & Healthy working conditions for the prevention of work related injury and ill health.
- ◆ Develop & maintain the Health & Safety objectives & targets and conduct health & safety programs for achieving the objectives and target.
- ◆ The prevention of accidents through the identification, assessment and elimination of workplace hazards and the promotion of health & safety awareness among its employees and contractors.
- ◆ Encourage employee's participation and consultation in matters affecting the health, safety and well being of our people and seek suggestions from our employees of ways in which health, safety & well being can be furthered.

The Health & safety policy is publicly available on request.

Environmental Policy

We as a member of BCH Electric Limited manufacturer of Low Voltage Switchgear & Controlgear products, are fully committed to conduct Business in compliance to applicable Environmental legislation and regulation.

We shall continually improve through -

- ◆ Provide a framework for setting and reviewing environmental objectives and targets.
- ◆ Regularly review the impact of our activities on environment and strive to reduce the pollution/waste.
- ◆ Involve employees in our environmental program and provide necessary training to enable them to discharge their responsibilities towards environment management.
- ◆ Sustain the program of continual improvement in environment in environmental performance incorporating suitable metrics and monitoring.

The Environment policy is publicly available on request.



www.bchindia.com



BCH

Motor Starters & Submersible Pump Starters

Motor Starters 01-08

- Shakti - DOL (Shakti WP & Shakti) & Auto DOL Starters 09
- Shakti - Semi & Fully Automatic Star Delta Starters 10
- Citation DOL, Citation P - DOL & Auto DOL **New** 11
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Submersible Pump Starters 09-15

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MCB / MCCB 29

Wires & Cables 30



BCH i-Pro

The intelligent upgrade for traditional motor starters



Smarter: Micro controller based protection design for advanced reliability and safety

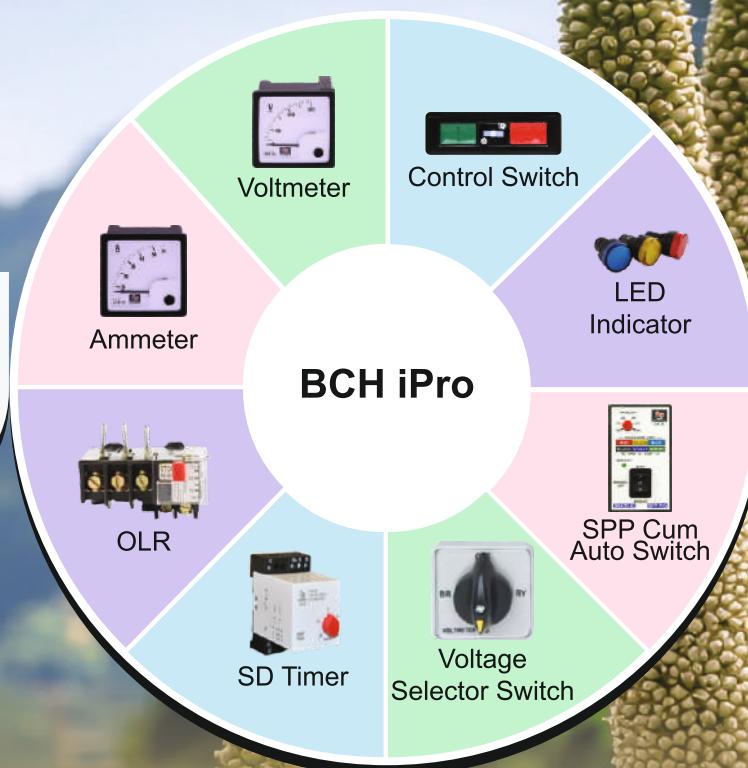


Advanced: Digital voltmeter and ammeter for real-time, accurate monitoring



Powerful: Suitable for starters up to 40A, robust performance for demanding needs

ONE DEVICE **8** FUNCTIONS,
Save Cost, Space & Installation Time

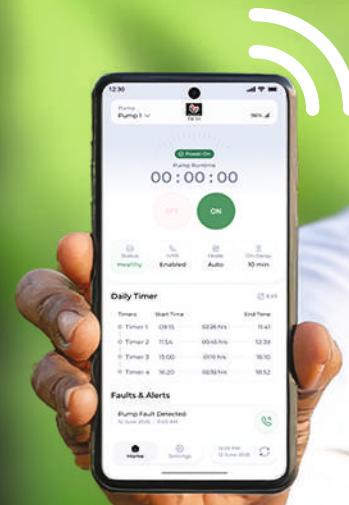


BCH

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LIMITED

BCH MC range

Total pump control- Anytime, Anywhere



3in1
Smart Device:



Remote control & Monitoring

- Operate your pump from **anywhere, at any time.**
- Control via **SMS, Call, Mobile App or WhatsApp.**
- Accessible to all with **24 Local Language Support.**



Complete Motor Protection

- Safeguards against electrical faults: **Over/Under Voltage, Phase Loss, Phase Unbalance, and Phase Reversal.**
- Prevents damage with **Dry Run Protection.**



BCH
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LIMITED

BCH Smart Controller

Total Protection, Connected Control



**Protect your pump,
Power your productivity**



Smarter Water Management:

- Digital Metering: Monitor vital parameters like Voltage, Current, Power Factor, Power, and Energy Consumption directly from the device or app.
- 24 Local Language Support: The companion app speaks your language, breaking down barriers and ensuring ease of use for everyone across the region.



Command Your Pump from Your Pocket:

- **Missed Call / IVRS:** No internet needed! Start/stop your pump with a simple missed call or interactive voice call.
- **SMS & Mobile App:** Get real-time status alerts and send commands via text or a user-friendly app.
- **WhatsApp Integration:** Receive notifications and send commands directly through the world's most popular messaging platform.



Never worry about pump failure again:

- Safeguards against electrical faults: **Over/Under Voltage, Phase Loss, Unbalance, and Reversal.**
- Prevents damage with **Dry Run Protection.**
- Secures your asset with **Anti-Theft Alerts.**



**BCH
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LIMITED**

BK DOL

Powering an Uncompromising Rural India



1

Rugged, Corrosion-Resistant Enclosure

A heavy-duty powder-coated box that stands strong against rust and harsh weather, ensuring long-lasting performance

2

Superior Protection from Moisture

Features a modern, PVC-wrapped copper wire coil engineered to defeat damage from moisture, significantly extending the motor's lifespan

3

Built for Heavy-Duty Applications

A robust contact kit designed to handle high starting currents and torque loads with absolute reliability, making it perfect for demanding industrial and agricultural uses

4

Agriculture-Specific Overload Relay

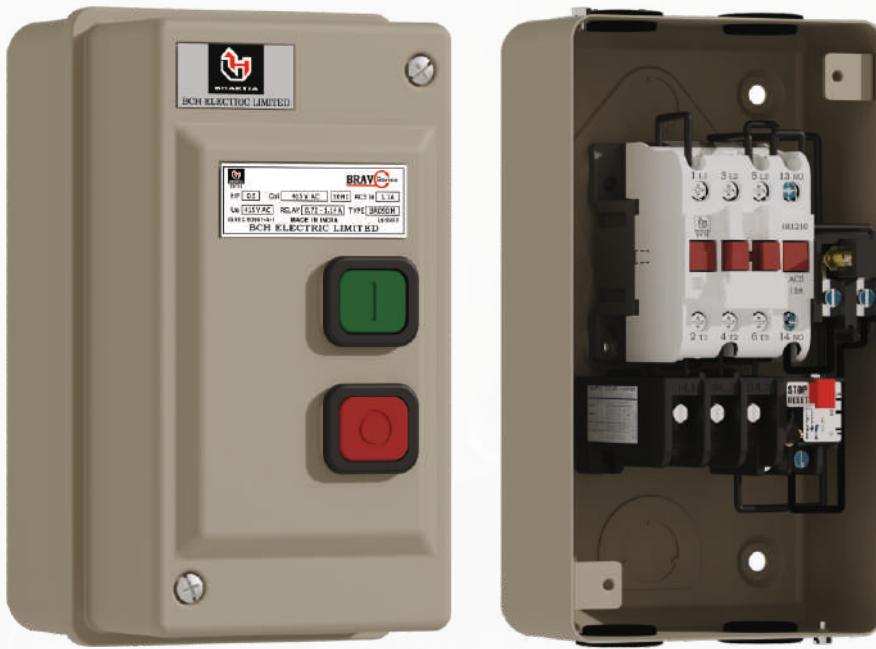
An overload relay specifically crafted for farming conditions, offering unmatched protection against overload to prevent motor burnouts



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Built Rugged, Driven by Reliability



Versatile Application:

Perfect for small motors upto 10HP across various industries such as pumps, fan, machine tools etc.



Rugged & Proven:

Industrial-grade contactor built for harsh conditions



Reliable Protection:

Safeguards against overloads with best in class OLR and auto resetting



Simple to Use:

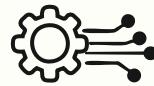
Easy installation and maintenance minimize downtime



**BCH
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LIMITED**

Nano⁺ Starter

Compact Power, Uncompromising Reliability



Integrated Motor Protection

A pre-assembled solution with built-in protections and monitoring that saves installation time and actively extends motor life



Built for Indian Conditions

A specialized **plastic enclosure** designed to withstand dust, moisture, and extreme temperatures



40% less space

Our radically compact design is a game-changer. Neater installation and easier maintenance



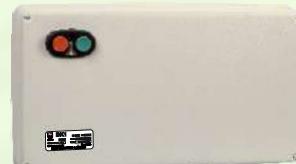
Unmatched Reliability

Equipped with a robust **NHD contactor** to ensure durability and long-term operation in harsh condition



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Motor Starters



Shakti DOL & Star Delta Starters

- DOL & Star Delta upto 24 A relay range
- Heavy duty Shakti Contactor
- Wide Band coil voltages (190-400V, 230-420V, 220-240V, 380-415V)
- Encapsulated & Hermetically sealed coil
- Automatic star delta with electronic timer for reliable changeover from star to delta
- Selection of manual & auto resetting of overload relay

Citation DOL & Star Delta Starters

- DOL upto 40 HP
- Semi Automatic upto 40 HP
- Fully Automatic upto 375 HP
- Heavy Duty NHD & Citation Contactor
- Wide Band Coil Voltage (230-360V, 260-400V, 380-415V)
- Automatic Star Delta with Pneumatic Time for Reliable Changeover from Star to Delta
- Selection of Manual & Auto Resetting of Overload Relay

Shakti & Citation P Auto DOL Starters

- Shakti range available upto 24 A overload relay
- Citation P range available upto 40 A overload relay
- Auto start with on delay options:- 5 sec or 5 min or 0.5 sec to 5 min
- Mode of operation:- Auto/ Manual/ Manual SPP with selector on enclosure switch or SPP with inbuilt selector switch
- Protection against phase reversal, phase imbalance & single phasing

BK1 DOL & Semi Automatic Star Delta Starters

- Range: DOL upto 7.5 H.P
- Range:Star Delta upto 15 H.P
- Wide Band Coil 250-400 V AC & 200-400 VAC

1-Phase DOL Starter

- Starter With 2 Pole CPGN Contactor and 2 Pole Overload Relay
- Encapsulated & Hermetically Sealed Coil
- Selection of Manual & Auto Resetting of Overload Relay
- Power Coated Deep Drwan Sheet Steel Enclosure for Excellent Finish & Durability

Mini Manual Starters

- Range Available upto 10 HP (3PH) & upto 3HP (1PH)
- Flush & Base Mounting Version Available
- Trips Automatically in Low Voltage Conditions (with UV Coil)
- Prevents Motor From Restarting When Powder Comes Back



Motor Starters - Shakti



Cat. No.	Overload Relay Range (A)	Contactor Type	Contactor Rating (AC-3)	MRP [₹]	Cat. No. (Open Execution)	MRP [₹]
SAWPGZA	2.4 - 3.8	Shakti	12 A	3480	-	-
SAWPHZA	3.8 - 6.0					
SAWPJZA	6.0 - 9.3					
SAWPGZ	2.4 - 3.8				SAWPGZI	3515
SAWPHZ	3.8 - 6.0				SAWPHZI	
SAWPJZ	6.0 - 9.3				SAWPJZI	
SAWPKZ	8.9 - 13.5				SAWPKZI	
SAWPLZ	13.2 - 20.0			3730	SAWPLZI	3710
SAWPMZ	17.4 - 24.0			3880	SAWPMZI	3860



Shakti WP DOL Starter (Big Enclosure + TB)

HSN CODE : 8536

Cat. No.	Overload Relay Range (A)	Contactor Type	Contactor Rating (AC-3)	MRP [₹]
SAWPKZ-BT	8.9 - 13.5	Shakti	20 A	4670
SAWPLZ-BT	13.2 - 20.0			4860
SAWPMZ-BT	17.4 - 24.0			5120

Shakti DOL Starter (190-400V AC Coil)

HSN CODE : 8536



Cat. No.	Overload Relay Range (A)	Contactor Type	Contactor Rating (AC-3)	MRP [₹]	Cat. No. (Open Execution)	MRP [₹]
SAGZ	2.4 - 3.8	Shakti	20 A	3750	SAGZI	3720
SAHZ	3.8 - 6.0				SAHZI	
SAJZ	6.0 - 9.3				SAJZI	
SAKZ	8.9 - 13.5				SAKZI	
SALZ	13.2 - 20.0			4080	SALZI	4060
SAMZ	17.4 - 24.0			4245	SAMZI	4225

Shakti Auto-Start DOL Starter (With 5-Sec Delay Auto Switch)

3 Position Selection (Manual - Manual SPP - Auto)

HSN CODE : 8536



Cat. No.	Overload Relay Range(A)	Contactor Type	Contactor Rating (AC-3)	MRP [₹]
ASXGZ	2.4 - 3.8	Shakti	20 A	6190
ASXHZ	3.8 - 6.0			
ASXJZ	6.0 - 9.3			
ASXKZ	8.9 - 13.5			
ASXLZ	13.2 - 20.0			6495
ASXMZ	17.4- 24.0			6870

For other Coil Voltages, kindly refer 'Coil Voltage Master Table' at page 28

Motor Starters - Shakti



Shakti Semi Automatic Star Delta Starter with 260-400V AC Coil

HSN CODE : 8536



Cat. No.	Overload Relay Range (A)	Contactor Type	Contactor Rating (AC-3)	MRP [₹]
SASSGLEG	2.4 - 3.8	Shakti	16 A	12595
SASSHLEG	3.8 - 6.0			
SASSJLEG	6.0 - 9.3			
SASKLEG	8.9 - 13.5			
SASSKLEG/LOR	13.2 - 20.0			
SASKLEG-M	17.4 - 24.0			

Shakti Fully Automatic Star Delta Starter with 260-400V AC Coil & Electronic Timer

HSN CODE : 8536



Cat. No.	Overload Relay Range (A)	Contactor Type	Contactor Rating (AC-3)	MRP [₹]
SASAGLEG	2.4 - 3.8	Shakti	16 A	13865
SASAHLLEG	3.8 - 6.0			
SASAJLEG	6.0 - 9.3			
SASAKLEG	8.9 - 13.5			
SASAKLEG/LOR	13.2 - 20.0			
SASAKLEG/MOR	17.4 - 24.0			

For 380 - 415 V Coil Voltage replace Suffix 'G' by 'N'

For other Coil Voltages, kindly refer 'Coil Voltage Master Table' at page 28



Motor Starters - Citation



Citation DOL Motor Starter

HSN CODE : 8536



Cat. No.	HP / KW at 3Ø, 415V, 50Hz	Overload Relay Range (A)	Contactor Type	Contactor Rating (AC-3)	MRP [₹]	Cat. No. (Open Execution)	MRP [₹]
NADLEN	0.5 / 0.37	0.72 - 1.14	C00N	16 A	4935	NADLENI	4800
NAELEN	0.75 / 0.55	1.07 - 1.70	C00N	16 A	4935	NAELENI	4800
NAFLEN	1 / 0.75	1.58 - 2.50	C00N	16 A	4935	NAFLENI	4800
NAGLEN	2 / 1.5	2.4 - 3.8	C00N	16 A	4935	NAGLENI	4800
NAHLEN	3 / 2.2	3.8 - 6.0	C00N	16 A	4935	NAHLENI	4800
NAJLEN	5 / 3.7	6.0 - 9.3	C00N	16 A	4935	NAJLENI	4800
NAKLEN	7.5 / 5.5	8.9 - 13.5	C00N	16 A	4935	NAKLENI	4800
NALLEN	10 / 7.5	13.2 - 20.0	C00N	16 A	5230	NALLENI	5090
NALLEN/CP20	10 / 7.5	13.2 - 20.0	CP20	20 A	5870		
NALLEN/MOR	12.5 / 10	17.4 - 24.0	CP20	20 A	6095	NALLENI/MOR	6100

Citation DOL Motor Starter

(A) with NHD Contactor

HSN CODE : 8536



Cat. No.	HP / KW at 3Ø, 415V, 50Hz	Overload Relay Range (A)	Contactor Type	Contactor Rating (AC-3)	MRP [₹]
NAMLEN	15 / 11	17.4 - 24.0	NON	25A	8210
NAMLEN/NOR	15 / 11	22.0 - 30.0	NON	25A	8945
NAPLEN/MOR	15 / 11	17.4 - 24.0	N01N	32A	11095
NAPLEN	20 / 15	23.0 - 32.0	N01N	32A	11550
NANLEN	20 / 15	22.0 - 30.0	N1N	40A	12895
NAQLEN	25 / 18.5	26.0 - 40.0	N1N	40A	13090

(B) 30 & 40 HP DOL Starter

Cat. No.	HP / KW at 3Ø, 415V, 50Hz	Overload Relay Range (A)	Contactor Type	Contactor Rating (AC-3)	MRP [₹]
CEHFRGDM*	30 / 22	36.0 - 52.0 (FR OLR)	Freedom	50A	21720
NACT2LEDM	30 / 22	37.6 - 60.0	Citation D	40A	28775
NACT2LEEM	40 / 30	37.6 - 60.0	Citation E	70A	38320

Citation P DOL Motor Starter New

HSN CODE : 8536



Type	Cat. No.	Coil	HP/ KW at 3Ø, 415V, 50Hz	Overload Relay Range (A)	Contactor Rating (AC-3)	MRP [₹]
P2	NBMLEN/LOR	N & G	10 / 7.5	13.2 - 20	25A	6415
P2	NBMLEN	N & G	15 / 11	17.4 - 24	25A	6560
P2	NBMLEN/POR	N & G	15 / 11	23 - 32	25A	6870
P3	NBPLEN	N & WB	20 / 15	23 - 32	32A	8065
P3	NBPLEN/QOR	N & WB	20 / 15	26 - 40	32A	8370
P3H	NBQLEN	N & WB	25 / 18.5	26 - 40	40A	10245

Citation P Auto DOL Motor Starter New

HSN CODE : 8536



Type	Cat. No.	Coil	HP/ KW at 3Ø, 415V, 50Hz	Overload Relay Range (A)	Contactor Rating (AC-3)	MRP [₹]
P1A	ANBKLEN	N & G	7.5 / 5.5	8.9 - 13.5	16A	7060
P1A	ANBLLEN	N & G	10 / 7.5	13.2 - 20	16A	7180
P1HA	ANBLLEN/MOR	N & G	12.5 / 10	17.4 - 24	20A	7570
P1HA	ANBLLEN/POR	N & G	12.5 / 10	23 - 32	20A	7790
P2A	ANBMLEN	N & G	12.5 / 10	17.4 - 24	25A	8620
P2A	ANBMLEN/POR	N & G	15 / 11	23 - 32	25A	8970
P3A	ANBPLEN	N & WB	20 / 15	23 - 32	32A	9750
P3A	ANBPLEN/QOR	N & WB	20 / 15	26 - 40	32A	9860
P3HA	ANBQLEN	N & WB	22.5 / 16.8	26 - 40	40A	11395

For other Coil Voltages, kindly refer 'Coil Voltage Master Table' at page 28

Motor Starters - Citation



Citation Semi Automatic Star Delta Starter with NHD Contactor

HSN CODE : 8536

Cat. No.	HP / kW at 3Ø, 415V, 50Hz	Overload Relay Range (A)	Contactor Type	Contactor Rating (AC-3)	MRP [₹]
NASSHLEN	10 / 7.5	6.0 - 9.3	C00N	16A	13565
NASSJLEN	10 / 7.5	6.0 - 9.3	C00N	16A	13565
NASSKLEN	15 / 11	8.9 - 13.5	C00N	16A	13565
NASSKLEN/LOR	15 / 11	13.2 - 20.0	C00N	16A	13990
NASSLLEN	20 / 15	13.2 - 20.0	N0N	25A	21485
NASSMLEN	25 / 18.5	17.4 - 24.0	N0N	25A	21620
NASSPLEN	25 / 18.5	23.0 - 32.0	N0N	25A	23900
NASS01PLEN	35 / 26	23.0 - 32.0	N01N	32A	27655
NASS01QLEN	40 / 30	26.0 - 40.0	N01N	32A	27900
NASSNLEN	35 / 26	22.0 - 30.0	N1N	40A	40470
NASS01CT1LEN	40 / 30	24.4 - 39.0	N01N	32A	39050
NASSFRGCLEC4M	40 / 30	29-42 (FR OLR)	C4	32A	42145

Citation Fully Automatic Star Delta Starter with NHD Contactor & Pneumatic Timers

HSN CODE : 8536

Cat. No.	HP / KW at 3Ø, 415V, 50Hz	Overload Relay Range (A)	Contactor Type	Contactor Rating (AC-3)	MRP [₹]
NASAGLEN	3 / 2.2	2.4 - 3.8	C00N	16A	18665
NASAHLEN	5 / 3.7	3.8 - 6.0	C00N	16A	18665
NASAJLEN	10 / 7.5	6.0 - 9.3	C00N	16A	18665
NASAKLEN	15 / 11	8.9 - 13.5	C00N	16A	18665
NASAKLEN/LOR	15 / 11	13.2 - 20.0	C00N	16A	19570
NASALLEN	20 / 15	13.2 - 20.0	N0N	25A	24600
NASAMLEN	25 / 18.5	17.4 - 24.0	N0N	25A	24735
NASAPLEN	30 / 22	23.0 - 32.0	N0N	25A	25760
NASA01PLEN	35 / 26	23.0 - 32.0	N01N	32A	32780
NASANLEN	35 / 26	22.0 - 30.0	N1N	40A	46525
NASAQLEN	40 / 30	26.0 - 40.0	N1N	40A	46795
NASACT1LEN	40 / 30	24.4 - 39.0	N1N	40A	50390

Citation Fully Automatic Star Delta Starter with Citation M Contactor & Pneumatic Timers

HSN CODE : 8536

Cat. No.	HP / KW at 3Ø, 415V, 50Hz	Overload Relay Range (A)	Contactor Type	Contactor Rating (AC-3)	MRP [₹]
NASACT1LEDM	40 / 30	24.4 - 39.0	D	40A	59855
NASACT2LEDM	50 / 37	37.6 - 60.0	D	40A	60810
NASACT2LEEM	75 / 55	37.6 - 60.0	E	70A	104000
NASACT3LEEM	85 / 65	56.4 - 90.0	E	70A	111125
NASACT3LEC5M	100 / 75	56.4 - 90.0	M-5	110A	143900
NASACT4LEC5M	135 / 100	84.6 - 135.0	M-5	110A	147125
NASACT4LENM	150 / 110	84.6 - 135.0	N	140A	202830
NASACT5LEC6M	250 / 185	131.6 - 210.0	S	300A	279615
NASACT6LEC6M	375 / 280	188.0 - 300.0	S	300A	337695

For other Coil Voltages, kindly refer 'Coil Voltage Master Table' at page 28

New

Motor Starters-BK1

**BK1 DOL Motor Starter**

HSN CODE : 8536



Type	Cat. No.	HP/ KW at 3Ø, 415V, 50Hz	Overload Relay Range (A)	Contactor Rating (AC-3)	MRP [₹]
BK1 DOL	BK1DBEWB1	0.75 HP	1-1.6	16A	2845
BK1 DOL	BK1DBFWB1	1 HP	1.5-2.5	16A	2845
BK1 DOL	BK1DBGWB1	2 HP	2.5-4	16A	2845
BK1 DOL	BK1DBHWB1	4 HP	4-6.5	16A	2845
BK1 DOL	BK1DBJWB1	6 HP	6-10	16A	2845
BK1 DOL	BK1DBKWB1	7.5 HP	9-14	16A	2845
BK1 DOL	BK1DBKLWB1	7.5 HP	11-18	16A	2905
BK1 DOL	BK1DBLWB1	7.5 HP	13-22	16A	2980
Bk2 DOL	BK2DBKWB1	7.5 HP	9-14	25A	3510
Bk2 DOL	BK2DBKLWB1	7.5 HP	11-18	25A	3510
Bk2 DOL	BK2DBLWB1	7.5 HP	13-22	25A	3510
Bk2 DOL	BK2DBPWB1	7.5 HP	20-32	25A	3510

*WB1 - 250-450V (415V) *WB2 - 200-400V (360V)

BK1 Semi-Automatic Motor Starter

HSN CODE : 8536



Type	Cat. No.	HP/ KW at 3Ø, 415V, 50Hz	Overload Relay Range (A)	Contactor Rating (AC-3)	MRP [₹]
BK1 SASD	BK1SSBHWB1	6 HP	4-6.5	16A	10975
BK1 SASD	BK1SSBJWB1	10 HP	6-10	16A	10975
BK1 SASD	BK1SSBKWB1	12.5 HP	9-14	16A	10975
BK1 SASD	BK1SSBKLWB1	15 HP	11-18	16A	11060
BK1 SASD	BK1SSBLWB1	15 HP	13-22	16A	11195
BK2 SASD	BK2SSBLWB1	15 HP	13-22	25A	12295
BK2 SASD	BK2SSBPWB1	15 HP	20-32	25A	12295

BK Contactors

HSN CODE : 8536

Cat. No.	Description	MRP [₹]
BK1C16WB1	Bk1 Contactor, 4P, 16A, 250-450V AC	2110
BK2C25WB1	BK2 Contactor, 4P, 25A, 250-450V AC	2415

BK Overload Relay

HSN CODE : 8536



Cat. No.	Description	MRP [₹]
BK1OLRBE	Overload Relay, 3P, BK, 1-1.6A	1165
BK1OLRBF	Overload Relay, 3P, BK, 1.5-2.5A	1165
BK1OLRBG	Overload Relay, 3P, BK, 2.5-4.0A	1165
BK1OLRH	Overload Relay, 3P, BK, 4-6A	1165
BK1OLRBJ	Overload Relay, 3P, BK, 6-10A	1165
BK1OLRBK	Overload Relay, 3P, BK, 9-14A	1165
BK1OLRBKL	Overload Relay, 3P, BK, 11-18A	1200
BK1OLRBL	Overload Relay, 3P, BK, 13-22A	1340
BK2OLRBP	Overload Relay, 3P, BK, 20-32A	1490

Spares for BK1 Starters

HSN CODE : 8538

Cat. No.	Description	MRP [₹]
BK1-AS16	Housing (Arc Shield) for BK1 Contactor	165
BK2-AS25	Housing (Arc Shield) for BK2 Contactor	170
BK1-CB16	Contact Bridge for BK1 Contactor	150
BK2-CB25	Contact Bridge for BK2 Contactor	165
BK1-CK16	Contact Kit for BK1 Contactor	960
BK2-CK25	Contact Kit for BK2 Contactor	1355
BKCWB1	Coil 250-450V AC for BK Contactors	320
BKCWB2	Coil 200-400V AC for BK Contactors	320
BK-PB	Twin Push Button for BK Starters	150
BKCB11	Auxiliary contact 1NO+1NC for BK Starter	330
BK1-MC16	Single moving contact for BK1 Contactor	95
BK2-MC25	Single moving contact for BK2 Contactor	130

Motor Starters-Citation



Fully Automatic Star Delta Starter with Citation M Contactor, Pneumatic Timer & Electronic Over Current Relay with Ammeter & Voltmeter

HSN CODE : 8536

Cat. No.	HP / KW at 3Ø, 415V, 50Hz	EOCR Range (A)	Contactor Type (Citation)	Contactor Rating (AC-3)	MRP [₹]
NASASS60LEDM-P	50 / 37	5-60 Amp	D	40A	72210
NASASS60LEEM-P	75 / 55	5-60 Amp	E	70A	115125
NASA2CTD1CLEM5M-P	100/ 75	0.5-6 Amp (with CT 100/5) (2CT model)	M-5	110A	157065
NASA2CT150LEM5M-P	135/ 100	0.5-6 Amp (with CT 150/5) (2CT model)	M-5	110A	162706



Fully Automatic Star Delta Starter with NHD Contactor, Electronic Timer & Electronic Over Current Relay with Ammeter & Voltmeter and MCB

HSN CODE : 8536

Cat. No.	HP / KW at 3Ø, 415V, 50Hz	EOCR Range (A)	Contactor Type (NHD)	Contactor Rating (AC-3)	MCB Rating	MRP [₹]
NASASS30LEN-P-MCB	25 / 18.5	3-30 Amp	NA25M	25A	40A (TP)	42830

Motor Starters- Freedom



Industrial DOL Starters with Freedom Contactor & Overload Relay

HSN CODE : 8536

Cat. No.	HP / KW at 3Ø, 415V, 50Hz	Overload Relay Type	Overload Relay Range (A)	Contactor Type	Contactor Rating (AC-3)	MRP [₹]
CEBFM	0.5/0.37	Freedom	1.0-1.4	Freedom	9 A	3615
CEBGM	0.75/0.55	Freedom	1.3-1.8	Freedom	9 A	3615
CEBHM	1.0/0.75	Freedom	1.7-2.4	Freedom	9 A	3615
CEBJM	1.5/1.1	Freedom	2.2-3.1	Freedom	9 A	3615
CEBKM	2.0/1.5	Freedom	2.8-4.0	Freedom	9 A	3615
CEBMM	3.0/2.2	Freedom	4.5-6.5	Freedom	9 A	3615
CEBPM	5.0/3.7	Freedom	7.5-11	Freedom	9 A	3615
CECPM	5.0/3.7	Freedom	7.5-11	Freedom	12 A	3715
CECQM	7.5/5.5	Freedom	10-14	Freedom	12 A	3715
CEDQM	7.5/5.5	Freedom	10-14	Freedom	18 A	4690
CEDRM	10/7.5	Freedom	13-19	Freedom	18 A	4690
CECBHM	3.0/2.2	Citation	3.8-6	Freedom	9 A	3615
CECBJM	5.0/3.7	Citation	6-9.3	Freedom	9 A	3615
CECCKM	7.5/5.5	Citation	8.9-13.5	Freedom	12 A	3715
CECDLM	10/7.5	Citation	13.2-20	Freedom	18 A	4690

DOL Reversing Starter

HSN CODE : 8536



Cat. No.	HP / KW at 3Ø, 415V, 50Hz	Overload Relay Range (A)	Contactor Type	Contactor Rating (AC-3)	MRP [₹]
NARFLEN	1/0.75	1.58 - 2.50	C00N	16 A	12070
NARGLEN	2/1.5	2.4 - 3.8	C00N	16 A	12070
NARHLEN	3/2.2	3.8 - 6.0	C00N	16 A	12070
NARJLEN	5/3.7	6.0 - 9.3	C00N	16 A	12070
NARKLEN	7.5/5.5	8.9 - 13.5	C00N	16 A	12070
NARLLEN	10/7.5	13.2 - 20.0	N0N	25 A	16930
NARMLEN	15/11	17.4 - 24.0	N1N	40 A	22700
NARNLEN	20/15	22.0 - 30.0	N1N	40 A	23970

For other Coil Voltages, kindly refer 'Coil Voltage Master Table' at page 28

Motor Starters-Mini, 1-Ph DOL



1- Phase Mini Manual Motor Starter upto 3HP (Surface Mounting)

HSN CODE : 8536



Cat. No.	Recommended HP 1Ø, 240V	Overload Relay Range (A)	MRP [₹]	Cat. No. (with UV Coil)	MRP [₹]
AMLE-10-SP	-	0.23 - 0.47	1930	AMLEH-10-SP	2470
AMLE-20-SP	-	0.46 - 0.80		AMLEH-20-SP	
AMLE-30-SP	1 / 8	0.85 - 1.55		AMLEH-30-SP	
AMLE-40-SP	1 / 6	1.60 - 3.20		AMLEH-40-SP	
AMLE-50-SP	0.5 / 0.75	3.50 - 6.50		AMLEH-50-SP	
AMLE-60-SP	1 to 2	6.80 - 11.7		AMLEH-60-SP	
AMLE-70-SP	2 to 3	11.0 - 20.0		AMLEH-70-SP	

For flush mounting replace 'E' by 'C' and reduce price by ₹ 50

3- Phase Mini Manual Motor Starter upto 10 HP (Surface Mounting)

HSN CODE : 8536



Cat. No.	Recommended HP 3Ø, 415V	Overload Relay Range (A)	MRP [₹]	Cat. No. (with UV Coil)	MRP [₹]
AMLE-10	-	0.23 - 0.47	2600	AMLEN-10	2860
AMLE-20	-	0.46 - 0.80		AMLEN-20	
AMLE-30	0.50 / 0.75	0.85 - 1.55		AMLEN-30	
AMLE-40	1.00 / 1.50	1.60 - 3.20		AMLEN-40	
AMLE-50	3.00	3.50 - 6.50		AMLEN-50	
AMLE-60	5.00	6.80 - 11.7		AMLEN-60	
AMLE-70	10.00	11.0 - 20.0		AMLEN-70	

For flush mounting replace 'E' by 'C' and reduce price by ₹ 50

1-Phase DOL with 2P Contactor & 2P Overload Relay New

HSN CODE : 8536



Type	Cat. No.	HP/ KW at 1Ø, 220V, 50Hz	Overload Relay Range (A)	Contactor Rating (AC-3)	MRP [₹]
1P10	NAHLEBW-SP	0.75 / 0.55	3.8 - 6.0	16A	2640
1P10	NAJLEBW-SP	1 / 0.75	6.0 - 9.3	16A	2640
1P10	NAKLEBW-SP	1.5 / 1.10	8.9 - 13.5	16A	2640
1P10H	NALLEBW-SP	2 / 1.5	13.2 - 20	25A	2690
1P10H	NAMLEBW-SP	3 / 2.2	17.4 - 24	25A	2770

Manual Star Delta Starter (with 260-400V AC Coil)

HSN CODE : 8536



Cat. No.	HP at 3Ø, 415V, 50Hz	Overload Relay Range (A)	Contactor Type	Contactor Rating (AC-3)	MRP [₹]
HASSGLEG	3 HP	2.4 - 3.8	C00N	16 A	7745
HASSHLEG	5 HP	3.8 - 6.0	C00N	16 A	7745
HASSJLEG	10 HP	6.0 - 9.3	C00N	16 A	7745
HASSKLEG	15 HP	8.9 - 13.5	NON	25 A	8800

HSN CODE : 8538

HASSW15	Spare switch for 15 HP MSD Starter	2985
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For other Coil Voltages, kindly refer 'Coil Voltage Master Table' at page 28

Submersible Pump Starters 3Ph & 1Ph



Three Phase

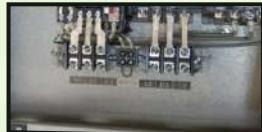
- Direct on line : upto 40 A relay rating
- Star Delta : upto 135 A relay rating
- Protections :
 - Phase failure
 - Phase imbalance
 - Phase reversal
- Short Circuit Protection Through MCB/MCCB : In case of Premium models
- Auto Start with on delay options:
 - 0.5Sec to 5Min (Field adjustable) SPP Pro
 - 5Sec
 - 5Min
- Ammeter and Voltmeter
- On/Off and Trip indications
- Powder coated enclosure with PU gasket ensuring excellent finish and reliability
- Provision for connecting Dry run preventor



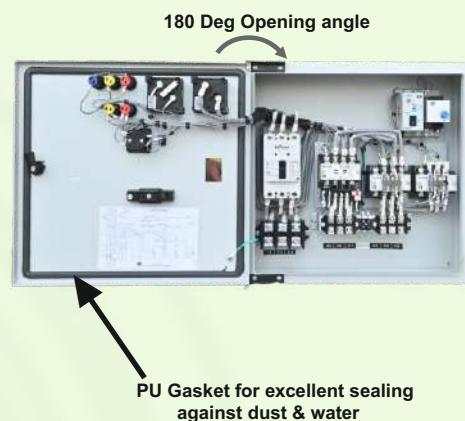
On/Trip Indicators



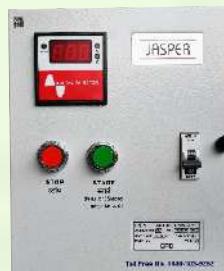
Isolated Terminal blocks for better termination



Better esthetic look & easy to maintenance to use of Bus-bar



PU Gasket for excellent sealing against dust & water



Single Phase

With Mini DOL (up to 11 - 20 A Relay)

- Premium Model (With Ammeter & Voltmeter)

With 2 Pole Contactor + 2 Pole Relay (up to 40 A Relay)

- Economy Model (With Ammeter)
- Standard Model (With Ammeter & Voltmeter)
- Alfa Model up to 30 A Relay (With Ammeter & Voltmeter)
- With Dry Run Protection Model (Digital Meter)
- CPD Model with MCB (Digital VA Meter)

Motor Starters-Citation & Shakti



**Citation Submersible Pump Starter with 3-Position Selection (with Auto Switch)
with or without MCB option**

DOL (3-Ph)



HSN CODE : 8536

Overload Relay Range (A)	Contactor Type	Contactor Rating (AC-3)	DOL (without Short Circuit Protection)		Premium DOL (with Short Circuit Protection) MCB		MCB "C"10kA
			Cat. No.	MRP [₹]	Cat. No.	MRP [₹]	
1.58 - 2.50	C00N	16 A	CPEYNAFN	10915	--	--	--
2.4 - 3.8	C00N	16 A	CPEYNAGN	10915	CPPYNAGN	16050	6A
3.8 - 6.0	C00N	16 A	CPEYNAHN	10915	CPPYNAHN	16050	10A
6.0 - 9.3	C00N	16 A	CPEYNAJN	10915	CPPYNAJN	16050	16A
8.9 - 13.5	C00N	16 A	CPEYNAKN	10915	CPPYNAKN	16050	25A
13.2 - 20.0	C00N	16 A	CPEYNALN	11825	CPPYNALN	17170	32A
17.4 - 24.0	NON	25 A	CPEYNAMN	13155	CPPYNAMN	19545	40A
23.0 - 32.0	N01N	32 A	CPEYNA01PN	14705	--	--	--

**Citation Submersible Pump Starter with 3-Position Selection (with Auto Switch)
with or without MCB / MCCB option**

STAR DELTA (3-Ph)



HSN CODE : 8536

Overload Relay Range (A)	Contactor Type	Contactor Rating (AC-3)	Star Delta (without Short Circuit Protection)		Premium Star Delta (with Short Circuit Protection) MCB or MCCB		*MCB "C"10kA/ MCCB
			Cat. No.	MRP [₹]	Cat. No.	MRP [₹]	
3.8 - 6.0	C00N	16 A	CPSDEYHN	21425	--	--	--
6.0 - 9.3	C00N	16 A	CPSDEYJN	21425	CPSDPYJN	26185	32A
8.9 - 13.5	C00N	16 A	CPSDEYKN	21425	CPSDPYKN	26185	40A
13.2 - 20.0	C00N	16 A	CPSDEYLN-C00	21810	CPSDPYLN-C00	27185	50A
17.4 - 24.0	CP20	20 A	CPSDEYMN-CP20	23845	--	--	--
13.2 - 20.0	NON	25 A	CPSDEYLN	26390	CPSDPYLN	32165	50A
17.4 - 24.0	NON	25 A	CPSDEYMN	27800	CPSDPYMN	34755	63A
23.0 - 32.0	N01N	32 A	CPSDEY01PN	34880	CPSDPY01N	40315	63A
22.0 - 30.0	N1N	40 A	CPSDEYNN	44810	CPSDPYNN	49715	80A/10kA
26.0 - 40.0	N1N	40 A	CPSDEYQN	45465	CPSDPYQN	50405	80A/10kA
24.4 - 39.0	N1N	40 A	CPSDEYCT1N	51525	CPSDPYCT1N	59795	100A/10kA
37.6 - 60.0	Citation E	70 A	CPSDEYCT2M	83075	CPSDPYCT2M	92635	125A/10kA
56.4 - 90.0	Citation E	70 A	CPSDEYECT3M	89170	CPSDPYECT3M	95020	125A/10kA
56.4 - 90.0	Citation M-5	110 A	CPSDEYCT3M	118610	CPSDPYCT3M	125685	125A/ 36/18kA
84.6 - 135.0	Citation M-5	110 A	CPSDEYCT4M	122355	CPSDPYCT4M	134930	200A/ 36/18kA

*Upto 63A MCB & 80A onwards MCCB are used

Shakti DOL Submersible Pump Starter (with Auto Switch) 3-Ph

HSN CODE : 8536



Overload Relay Range (A)	Description	Contactor Rating (AC-3)	3 Position Selection (Manual - Manual SPP - Auto)	
			Contactor Type	Cat. No.
2.4 - 3.8	Shakti	20 A		CPEYSAGZ
3.8 - 6.0	Shakti	20 A		CPEYSAHZ
6.0 - 9.3	Shakti	20 A		CPEYSAJZ
8.9 - 13.5	Shakti	20 A		CPEYSAKZ
13.2 - 20.0	Shakti	20 A		CPEYSALZ
17.4 - 24.0	Shakti	20 A		CPEYSAMZ

For 380 - 415 V coil voltage replace suffix "Z" with "N" in the Cat. Code

For other Coil Voltages, kindly refer 'Coil Voltage Master Table' at page 28

Motor Starters-Citation P & Shakti P



Citation P Submersible Pump Starter - Standard and Premium versions

DOL (3-Ph)

HSN CODE : 8536

Type	Overload Relay Range (A)	Contactor Rating (AC-3)	Coil	Standard (without Short Circuit Protection)		Premium (with Short Circuit Protection) with MCB		MCB "C"10kA
				Cat. No.	MRP [₹]	Cat. No.	MRP [₹]	
CITATION P10	1.58 - 2.5	16 A	N & G	CPEYNBFN	10140	CPPYBNBFN	12950	10A
CITATION P10	2.4 - 3.8	16 A	N & G	CPEYNBGN	10140	CPPYNBGN	12950	10A
CITATION P10	3.8 - 6	16 A	N & G	CPEYNBHN	10140	CPPYNBHN	12950	10A
CITATION P10	6 - 9.3	16 A	N & G	CPEYNBJS	10140	CPPYNBJS	13000	16A
CITATION P10	8.9 - 13.5	16 A	N & G	CPEYNBKN	10280	CPPYNBKN	13000	25A
CITATION P10	13.2 - 20	16 A	N & G	CPEYNBLN	10585	CPPYNBBLN	13595	32A
CITATION P10B	13.2 - 20	20 A	N & G	CPEYNBL2N	10740	CPPYNBBL2N	14010	40A
CITATION P10H	17.4 - 24	25 A	N & G	CPEYNBMN	11180	CPPYNBMN	14580	40A
CITATION P10H	23 - 32	25 A	N & G	CPEYNBPN	11935	CPPYNBPN	15350	50A
CITATION P11	23 - 32	32A	N & WB	CPEYNB01N	12680	CPPYNB01N	16305	63A
CITATION P11	26 - 40	32A	N & WB	CPEYNBQ01N	12855	CPPYNBQ01N	16460	63A
CITATION P12	26 - 40	40A	N & WB	CPEYNBQN	13810	CPPYNBQN	17085	63A

For spare contactor refer page 27

Citation P Submersible Pump Starter - Standard and Premium versions

STAR DELTA (3-Ph)

HSN CODE : 8536

Type	Overload Relay Range (A)	Contactor Rating (AC-3)	Coil	Standard (without Short Circuit Protection)		Premium (with Short Circuit Protection) with MCB/MCCB		*MCB "C"10kA/ MCCB
				Cat. No.	MRP [₹]	Cat. No.	MRP [₹]	
CITATION P20	6 - 9.3	16 A	N & G	CPSDEYNBJS	20045	CPSPYNBJS	21900	32A
CITATION P20	8.9 - 13.5	16 A	N & G	CPSDEYNBKN	20045	CPSPYNBKN	22460	40A
CITATION P20	13 - 20	16 A	N & G	CPSDEYNBLN	20670	CPSPYNBBLN	22625	50A
CITATION P20A	13.2 - 20	20 A	N, LV & G	CPSDEYNBL2N	21595	CPSPYNBBL2N	24775	63A
CITATION P20A	17.4 - 24	20 A	N, LV & G	CPSDEYNBM2N	21610	CPSPYNBMM2N	24910	63A
CITATION P20B	23 - 32A	25 A	N, LV & G	CPSDEYNBP	25355	CPSPYNP	29875	63A
CITATION P20H	22 - 30A	32 A	N & WB	CPSDEYNB01NN	25955	CPSPYNB01NN	29975	63A
CITATION P20H	23 - 32A	32 A	N & WB	CPSDEYNB01PN	25970	CPSPYNB01PN	30560	63A
CITATION P20H	26 - 40A	32 A	N & WB	CPSDEYNB01QN	26745	CPSPYNB01QN	33200	80A/10kA
CITATION P21	26 - 40A	40 A	N & WB	CPSDEYNBQN	33725	CPSPYNBQN	41260	80A/10kA
CITATION P21	36 - 52A (FR OLR)	40 A	N & WB	CPSDEYNBFRGDN	39420	-	-	-

*Upto 63A MCB & 80A onwards MCCB are used

Range Extension

New

Type	Overload Relay Range (A) (Freedom OLR)	Contactor Rating (AC-3) (Citation 3P)	Cat. No.	Coil	MRP [₹]
Citation P32	22 - 32	32 Amp	CPSDEYNBC4FRGBM	M	40140
Citation P40	36 - 52	40 Amp	CPSDEYNBDFRGDM	M	41190
Citation P50	45 - 63	50 Amp	CPSDEYNBD1FRGEM	M	49620
Citation P70	36 - 52	70 Amp	CPSDEYNBEFRGDM	M & LA	68255
Citation P70	45 - 63	70 Amp	CPSDEYNBEFRGEM	M & LA	70305
Citation P70	60 - 80	70 Amp	CPSDEYNBEFRGFM	M & LA	72695
Citation P100	60 - 80	110 Amp	CPSDEYNBM5FRGFM	M & LA	93150

For spare contactor refer page 27

Motor Starters-Shakti P & SPP Pro



Shakti P DOL Submersible Pump Starter (3-Phase)

HSN CODE : 8536



Type	Overload Relay Range (A)	Contactor Rating (AC-3)	Cat. No.	Coil	MRP [₹]
SHAKTI P6	1.58 - 2.5	12 A	CPEYSBFZ	Z & N & MB	9485
SHAKTI P6	2.4 - 3.8		CPEYSBGZ		
SHAKTI P6	3.8 - 6		CPEYSBHZ		
SHAKTI P6	6 - 9.3		CPEYSBJZ		
SHAKTI P10	8.9 - 13.5		CPEYSBKZ		
SHAKTI P10	13.2 - 20		CPEYSBLZ		
SHAKTI P10	17.4 - 24		CPEYSBMZ		

*For spare Contactor refer page 27

1-Phase DOL with 2P CPG Contactor & 2P Overload Relay

HSN CODE : 8536



Cat. No.	HP / KW at 1Ø, 220V, 50Hz	Overload Relay Range (A)	Contactor Type	Contactor Rating (AC-3)	MRP [₹]
NAAEBW-SP	-	1.07 - 1.70	2P CPG	12A	3555
NAAHBW-SP	0.75 / 0.55	3.8 - 6.0	2P CPG	12A	3555
NAHBW-SP	0.75 / 0.55	3.8 - 6.0	2P CPG	16A	3625
NAAJBW-SP	1 / 0.75	6.0 - 9.3	2P CPG	12A	3555
NAJBW-SP	1 / 0.75	6.0 - 9.3	2P CPG	16A	3625
NAKBW-SP	1.5 / 1.10	8.9 - 13.5	2P CPG	16A	3625
NAALBW-SP	2 / 1.5	13.2 - 20.0	2P CPG	20A	3720
NALBW-SP	2 / 1.5	13.2 - 20.0	2P CPG	25A	4055
NAMBW-SP	3 / 2.2	17.4 - 24.0	2P CPG	25A	4235

Auto Switch Cum SPP (SPP pro)



- Two type of versions : 6-wire and 7-wire
- Microcontroller based design for advanced functionality
- Protection against single phasing, reverse phasing and unbalance voltage
- Settable ON delay time - 5 Sec to 5 Min
- Integrated Auto/ Manual SPP/ Bypass switch
- LED indication :
 - Healthy Supply Conditions: Green LED is continuous ON
 - Unhealthy Supply Conditions: Green LED is blinking

HSN CODE : 8538

Cat. No.	Cat. No. (For BK Starters)	Description	MRP[₹]
BCHSPP2Z	BCHSPP2BKZ	SPP Pro (6 wire), 230-400V AC	1015
BCHSPP2N	BCHSPP2BKN	SPP Pro (6 wire), 380-415V AC	1015
BCHSPP2CW	BCHSPP2BKCW	SPP Pro (6 wire), 260-440V AC	1015
BCHSPP2Z-7W	BCHSPP2BKZ-7W	SPP Pro (7 wire), 230-400V AC	1015
BCHSPP2N-7W	BCHSPP2BKN-7W	SPP Pro (7 wire), 380-415V AC	1015
BCHSPP2CW-7W	BCHSPP2BKCW-7W	SPP Pro (7 wire), 260-440V AC	1015

Motor Starters-1-Ph SPS

1-Phase SPS With 2P Contactor + Overload Relay (Ammeter + Voltmeter) with 160-220V AC Coil

HSN CODE : 8536



HP at 1Ø, 220V, 50Hz	Overload Relay Range (A)	Contactor Rating (AC-3)	Cat. No.	Run Capacitor (mfd)	Start Capacitor (mfd)	MRP [₹]
0.75 HP	3.8 - 6.0	12 Amp	CPNSHBW-SPE	25	80/100	5865
0.75 HP	3.8 - 6.0	16 Amp	CPNSHBW-SP	25	80/100	5940
			CPNSHBW-SP(RC36)	36	80/100	5990
			CPNSHBW-RC25-SC120	25	100/120	6130
			CPNSHBW-RC30-SC200	30	150/200	6935
1 HP	6.0 - 9.3	12 Amp	CPNSJBW-SPE	36	100/120	6095
1 HP	6.0 - 9.3	16 Amp	CPNSJBW-SP	36	100/120	6135
			CPNSJBW-RC20SC100	20	80/100	6100
			CPNSJBW-RC25SC100	25	80/100	6185
			CPNSJBW-RC50SC100	50	80/100	6365
			CPNSJBW-RC60SC150	60	120/150	6660
			CPNSJBW-RC72SC150	72	120/150	6805
			CPNSJBW-SP(RC30)	30	100/120	6185
			CPNSJBW-SP(RC50)	50	100/120	6185
			CPNSJBW-SP(SC100)	36	80/100	6610
			CPNSJBW-RC36-SC200	36	150/200	7065
1.5 HP	8.9 - 13.5	12 Amp	CPNSKBW-SPE	50	120/150	6705
1.5 HP	8.9 - 13.5	16 Amp	CPNSKBW-SP	50	120/150	6695
			CPNSKBW-RC30SC120	30	100/120	6600
			CPNSKBW-RC36SC120	36	100/120	6620
			CPNSKBW-SP(RC36)	36	120/150	6660
			CPNSKBW-SP(RC72)	36+36	120/150	6870
			CPNSKBW-RC50-SC200	50	150/200	7325
2 HP	13.2 - 20.0	16 Amp	CPNSLBW-SP	72	150/200	7165
			CPNSLBW-SP(2RC36)	36+36	150/200	7345
			CPNSLBW-RC100SC150	100	120/150	7220
			CPNSLBW-RC90SC150	45+45	120/150	7355
			CPNSLBW-SP(SC150)	72	120/150	7355
			CPNSLBW-RC72SC250	72	200/250	7760
3 HP	17.4 - 24.0	20 Amp	CPNSMBW-SPE	100	200/250	7705
3 HP	17.4 - 24.0	25 Amp	CPNSMBW-SP	100	200/250	7965
			CPNSMBW-SP(2RC50)	50+50	200/250	8275
3 HP	22.0 - 30.0	25 Amp	CPNSNBW-SP	100	200/250	8520
			CPNSNBW-SP(2RC50)	50+50	200/250	8760
5 HP	23.0 - 32.0	32 A & 12 A	CPNSPBW-SPE	100+50	200/250	11855
5 HP	23.0 - 32.0	40 A & 16 A	CPNSPBW-SP	100+50	200/250	11930
			CPNSPBW-SP(3RC50)	50+50+50	200/250	12215
5 HP	23.0 - 32.0	40 Amp	New CPNSPBW-SPH	100+50	200/250	10230
			CPNSPBBW-SPH	100+50	200/250	10230
			CPNSPBW-SPH(3R50)	50+50+50	200/250	10230
			CPNSPBBW-SPH(3R50)	50+50+50	200/250	10230
5 HP	28.0 - 40.0	40 Amp	New CPNSQBBW-SPH	100+50	200/250	10750
			CPNSQBW-SPH	100+50	200/250	10750
			CPNSQBBW-SPH(3R50)	50+50+50	200/250	10750
			CPNSQBW-SPH(3R50)	50+50+50	200/250	10750

*Suffix "D" in Cat Code for Dry Run Protection panel (only Extra Terminal is provided to connect Dry Run unit)

**For 170-240V coil, replace "BW" in above cat code with "BBW"

Motor Starters-1-Ph SPS

1-Phase SPS (Alfa Model) With 2P Contactor + Overload Relay (Ammeter + Voltmeter)

HSN CODE : 8536



HP at 1Ø, 220V, 50Hz	Overload Relay Range (A)	Contactor Rating (AC-3)	Cat. No.	New	Run Capacitor (mfd)	Start Capacitor (mfd)	MRP [₹]
0.75 HP	3.8 - 6	16 Amp	CPGNSHBW-SP		25	80-100	5045
1 HP	6 - 9.3	16 Amp	CPGNSJBW-SP		36	100-120	5430
1 HP	6 - 9.3	16 Amp	CPGNSJBBW-SP		36	100-120	5430
1 HP	6 - 9.3	16 Amp	CPGNSJBW-SP(RC50)		50	100-120	5430
1 HP	6 - 9.3	16 Amp	CPGNSJBBW-SP(RC50)		50	100-120	5430
1 HP	6 - 9.3	16 Amp	CPGNSJBW-RC50SC100		50	80-100	5430
1.5 HP	8.9 - 13.5	16 Amp	CPGNSKBW-SP		50	120-150	5845
1.5 HP	8.9 - 13.5	16 Amp	CPGNSKBWB-SP		50	120-150	5845
1.5 HP	8.9 - 13.5	16 Amp	CPGNSKBW-SP(RC72)		72	120-150	5845
1.5 HP	8.9 - 13.5	16 Amp	CPGNSKBWB-SP(RC72)		72	120-150	5845
2 HP	13.2 - 20	16 Amp	CPGNSLBW-SP		72	150-200	6215
2 HP	13.2 - 20	16 Amp	CPGNSLBWB-SP		72	150-200	6215
2 HP	13.2 - 20	16 Amp	CPGNSLBW-SP(2RC36)		36x2	150-200	6215
2 HP	13.2 - 20	16 Amp	CPGNSLBWB-SP(2R36)		36x2	150-200	6215
2 HP	13.2 - 20	16 Amp	CPGNSLBW-RC90SC150		45X2	120-150	6215
2 HP	13.2 - 20	16 Amp	CPGNSLBW-R100SC150		100	120-150	6215
3 HP	17.4 - 24	25 Amp	CPGNSMBW-SP		100	200-250	6785
3 HP	17.4 - 24	25 Amp	CPGNSMBBW-SP		100	200-250	6785
3 HP	17.4 - 24	25 Amp	CPGNSMBW-SP(2RC50)		50x2	200-250	6785
3 HP	17.4 - 24	25 Amp	CPGNSMBBW-SP(2R50)		50x2	200-250	6785
3 HP	22 - 30	25 Amp	CPGNSNBW-SP(2RC50)		50x2	200-250	7125

1-Phase SPS With 2P Contactor + Overload Relay + Dry Run Protection

HSN CODE : 8536



HP at 1Ø, 220V, 50Hz	Overload Relay Range (A)	Contactor Rating (AC-3)	Cat. No.	New	Run Capacitor (mfd)	Start Capacitor (mfd)	MRP [₹]
0.75 HP	3.8 - 6	16 Amp	CPGND1HBW-SP		25	80-100	6085
1 HP	6 - 9.3	16 Amp	CPGND1JBW-SP		36	100-120	6290
1 HP	6 - 9.3	16 Amp	CPGND1JBBW-SP		36	100-120	6290
1 HP	6 - 9.3	16 Amp	CPGND1JBW-SP(RC50)		50	100-120	6335
1 HP	6 - 9.3	16 Amp	CPGND1JBW-R50S100		50	100-120	6520
1.5 HP	8.9 - 13.5	16 Amp	CPGND1KBW-SP		50	120-150	6860
1.5 HP	8.9 - 13.5	16 Amp	CPGND1KBBW-SP		50	120-150	6860
1.5 HP	8.9 - 13.5	16 Amp	CPGND1KBW-SP(RC72)		72	120-150	7035
2 HP	13.2 - 20	16 Amp	CPGND1LBW-SP		72	150-200	7340
2 HP	13.2 - 20	16 Amp	CPGND1LBBW-SP		72	150-200	7340
2 HP	13.2 - 20	16 Amp	CPGND1LBW-SP-2R36		36x2	150-200	7525
2 HP	13.2 - 20	16 Amp	CPGND1LBBW-SP-2R36		36x2	150-200	7525
2 HP	13.2 - 20	16 Amp	CPGND1LBW-R90S150		45X2	150-200	7535
2 HP	13.2 - 20	16 Amp	CPGND1LBW-R100S150		100	150-200	7400
3 HP	17.4 - 24	25 Amp	CPGND1MBW-SP		100	200-250	8160
3 HP	17.4 - 24	25 Amp	CPGND1MBBW-SP		100	200-250	8160
3 HP	17.4 - 24	25 Amp	CPGND1MBW-SP-2R50		50x2	200-250	8475
3 HP	17.4 - 24	25 Amp	CPGND1MBBW-SP-2R50		50x2	200-250	8475
3 HP	22 - 30	25 Amp	CPGND1NBW-SP-2R50		50x2	200-250	8970

Motor Starters-1-Ph SPS



1-Phase SPS with 2P DPC Contactor + MCB

HSN CODE : 8536

HP at 1Ø, 220V, 50Hz	SP MCB "C" Curve	Contactor Rating (AC-3)	Cat. No.	Run Capacitor (mfd)	Start Capacitor (mfd)	MRP [₹]
0.5 HP	6A	20A	CPD2A05CJ06	25	80-100	3815
0.75 HP	10A	20A	CPD2A07AK10	36	40-60	3815
1 HP	10A	20A	CPD2A10BM10	50	60-80	3840
1 HP	10A	20A	CPD2A10CK10	36	80-100	3840
1 HP	10A	20A	CPD2A10DK10	36	100-120	3870
1 HP	10A	20A	CPD2A10DM10	50	100-120	3920
1.5 HP	16A	20A	CPD2A15DL16	72	100-120	3985
1.5 HP	16A	20A	CPD2A15GM16	50	120-150	3985
1.5 HP	16A	20A	CPD2A15GL16	72	120-150	4055



Spares for 1-Phase Submersible Pump Starter (CPD)



Cat. No.	Description	MRP [₹]
SPA1A30V300	Digital VA Meter A1, AM30A, VM300V, S-72	705
SPA1VM-CT	CT for Digital VA Meter A1	140
SPARC	Off Push Button Red for 1Ph CPD SPS	275
SPAGC	On Push Button Green for 1Ph CPD SPS	335
SPATB530	Terminal Block 30A 5W for 1Ph CPD SPS	165
CPDN202KL	20A, 2P DP Contactor	1055
SP402MCKL	Coil 170-240V 2P DP Contactor (Bulk Pack of 12 nos.)	2735

1-Phase SPS With 2 Pole Contactor + Overload Relay (With Ammeter)

HSN CODE : 8536



Cat. No.	HP at 1Ø, 220V, 50Hz	Overload Relay Range (A)	Contactor Rating (AC-3)	Run Capacitor (mfd)	Start Capacitor (mfd)	MRP [₹]
CPNEHBW-SP	0.5 / 0.75 HP	3.8 - 6.0	16 Amp	25	80/100	5550
CPNEJBW-SP	1 HP	6.0 - 9.3	16 Amp	36	100/120	5855
CPNEKBW-SP	1.5 HP	8.9 - 13.5	16 Amp	50	120/150	6400
CPNELBW-SP	2 HP	13.2 - 20.0	16 Amp	36+36	150/200	6820
CPNEMBW-SP	3 HP	17.4 - 24.0	25 Amp	50+50	200/250	7775
CPNEPBW-SP	5 HP	23.0 - 32.0	40 Amp	50+50+50	200/250	11705

Suffix "D" in Cat Code for Dry Run Protection panel (only Extra Terminal is provided to connect Dry Run unit)

1-Phase SPS With Mini Manual DOL Starter (With Ammeter + Voltmeter)

HSN CODE : 8536



Cat. No.	HP at 1Ø, 220V, 50Hz	Overload Relay Range (A)	Run Capacitor (mfd)	MRP [₹]
CPPM50-25-SP	0.5 / 0.75HP	3.5 - 6.5	25	4260
CPPM50H-25-SP	0.5 / 0.75HP	3.5 - 6.5	25	4850
CPPM60-25-SP	1 HP	6.8 - 11	25	4290
CPPM60-36-SP	1 HP	6.8 - 11	36	4290
CPPM60H-36-SP	1 HP	6.8 - 11	36	4880
CPPM60-50-SP	1.5 HP	6.8 - 11	50	4515
CPPM60H-50-SP	1.5 HP	6.8 - 11	50	5130
CPPM70-36-SP	2 HP	11.0 - 20.0	36	4580
CPPM70-50-SP	2 HP	11.0 - 20.0	50	4580
CPPM70H-50-SP	2 HP	11.0 - 20.0	50	5215

Motor Starters-Oil Immersed

DOL Starter - 3 Phase

HSN CODE : 8536

Cat. No.	Overload Relay Range (A)	HRC Fuse Rating (EE Type) (max)	MRP [₹]
OISWP GT	2.4 - 3.8	16A	4635
OISWP HT	3.8 - 6.0	20A	4635
OISWP JT	6.0 - 9.3	25A	4635
OISWP KT	8.9 - 13.5	36A	4635
OISWP LT	13.2 - 20.0	50A	4725
OISWP MT	17.4 - 24.0	63A	5115

Note : The last alphabet in the Cat No. indicates
coil voltage : N-380-415VAC ; T-220-400VAC ; Y-240-400VAC

Star Delta Starter - Fully Automatic

HSN CODE : 8536

Cat. No.	Overload Relay Range (A)	HRC Fuse Rating (EE Type) (max)	MRP [₹]
OISDAW PJ*	6.0 - 9.3	20A	13740
OISDAW PK*	8.9 - 13.5	32A	13740
OISDAW PL*	13.2 - 20.0	35A	13740
OISDAW PM*	17.4 - 24.0	50A	14695
OISDAW PP*	23.0 - 32.0	63A	15385
OISDAW PQ*	26.0 - 40.0	80A	15680



Star Delta Starter - Semi Automatic

HSN CODE : 8536

Cat. No.	Overload Relay Range (A)	HRC Fuse Rating (EE Type) (max)	MRP [₹]
OISDSWPJ*	6.0 - 9.3	20A	12335
OISDSWPK*	8.9 - 13.5	32A	12335
OISDSWPL*	13.2 - 20.0	35A	12335
OISDSWPM*	17.4 - 24.0	50A	13265
OISDSWPP*	23.0 - 32.0	63A	13920
OISDSWPQ*	26.0 - 40.0	80A	14210

Star Delta Starter - Fully Automatic with Auto Unit SPP & 3 Position Auto Manual Switch

HSN CODE : 8536

Cat. No.	Overload Relay Range (A)	HRC Fuse Rating (EE Type) (max)	MRP [₹]
OISDYWPJ*	6.0 - 9.3	20A	16080
OISDYWPK*	8.9 - 13.5	32A	16080
OISDYWPL*	13.2 - 20.0	35A	16080
OISDYWPM*	17.4 - 24.0	50A	17100
OISDYWPP*	23.0 - 32.0	63A	17895
OISDYWPQ*	26.0 - 40.0	80A	18180

Star Delta Starter - Fully Automatic with Ammeter & Voltmeter

HSN CODE : 8536

Cat. No.	Overload Relay Range (A)	HRC Fuse Rating (EE Type) (max)	MRP [₹]
OISDPYWPL*	13.2 - 20.0	35 A	19770
OISDPYWPM*	17.4 - 24.0	50 A	20800
OISDPYWPP*	23.0 - 32.0	63 A	21750
OISDPYWPQ*	26.0 - 40.0	80 A	22045

'N' for 380-415VAC coil & 'Y' for 240-400VAC coil

Spares for Oil Starter

HSN CODE : 8538

Description		
Contact kit without coil for DOL - Power & Auxiliary contacts (set of fix contact, moving contact, hex screws, spring washer, spring clip, spring cap, contact spring)	OCK	600
Power kit without coil for all 3 contactor of star delta starter (fix contact, moving contact, hex screw, spring washer, spring clip, spring cap, contact spring)	Upto L Relay - OCKSD20	1480
	M, P Relay OCKSD30	1715
Auxiliary Contact Kit set for Star Delta Starter	Upto L Relay - OCKSDAU20	395
	M, P Relay OCKSDAU30	395
Coil -Main & Delta Contactor	220-400V OCT	725
	240-400V OCY	725
	380-415V OCN	725
Coil -Star Contactor	220-400V OCT-STAR	445
	240-400V OCY-STAR	445
	380-415V OCN-STAR	445
ON-Push Button	OPB-ON	190
OFF-Push Button	OPB-OFF	190
Incoming Mounting KIT for 20A	OCTKSD20	205
Incoming Mounting KIT for 30A	OCTKSD30	280

Contactors


'NHD' Series 2 Pole Contactor

HSN CODE : 8536

AC# Rating at 240 V AC		Cat. No.	MRP [₹]
AC-1 (A)	AC-3 (A)		
20	12	CPG212*	1720
25	16	CPG216*	1960
35	20	CPG220*	2490
40	25	CPG225*	2915
40	32	CPG232*	3565
50	40	CPG240*	4240

'NHD' Series 4 Pole Contactor

HSN CODE : 8536

Size	AC1 (A)	AC3 Rating at 415 V AC			Cat. No.	MRP [₹]
		(A)	HP	KW		
CP12	20	12	7.5	5.5	CP12N*	3270
00	20	16	10	7.5	C00N*	3640
CP20	30	20	12.5	9.3	CP20N*	4490
0	32	25	15	11	N0N*	6610
01	40	32	20	15	N01N*	9355
1	50	40	25	18.5	N1N*	11890

HSN CODE : 8538



Auxiliary Contact Blocks - NHD/CPG	1 NO	001CB10	400
Auxiliary Contact Blocks - NHD/CPG	1 NO+1NC	001CB11	475
Auxiliary Contact Blocks - NHD/CPG	2NO	001CB20	475
Auxiliary Contact Blocks - NHD/CPG	2NC	001CB02	475

'NHD' Series 1 Aux + 3 P Contactor*

HSN CODE : 8536

Size	AC1 (A)	AC3 Rating at 415 V			Cat. No.	MRP [₹]
		(A)	HP	KW		
CA12	20	12	7.5	5.5	CA12N	2835
CA16	20	16	10	7.5	CA16N	3225
CA20	30	20	12.5	9.3	CA20N	3970
NA25	32	25	15	11	NA25N	5805
NA32	40	32	20	15	NA32N	8210
NA40	50	40	25	18.5	NA40N	10515

*Auxiliary contact is at left side in 1 Aux+3P Contactor

Citation Series 3 Pole Contactor

HSN CODE : 8536

Contactor Size	AC# Rating at 415 V			Cat. No.	MRP [₹]	Cat. No.	MRP [₹]
	AC-3 (A)	HP / KW	Aux (2NO+2NC)			Aux (1NO+1NC)	
C4	32	20 / 15	C4NE22M	8285	C4NE11M	7745	
D	40	30 / 22	MC10DN22M	13110	MC10DN11M	11535	
D1	50	33.5 / 25	MC10D1N22M	15420	MC10D1N11M	14510	
D2	55	33.5 / 25	MC10D2N22M	16200	MC10D2N11M	15300	
E	70	50 / 37	MC10EN22M	23465	MC10EN11M	22985	
E1	75	50 / 37	MC10E1N22M	24500	MC10E1N11M	23975	

HSN CODE : 8536

Contactor Size	AC# Rating at 415 V			Aux. Contact	Cat. No.	MRP [₹]
	AC-1 (A)	AC-3 (A)	HP / KW			
M-5	150	110	80 / 60	1 NO + 1 NC	MCE15MN3M5	31965
N	300	140	100 / 75	1 NO + 1 NC	MCE15NN3M7	47665
S	315	300	220 / 160	1 NO + 1 NC	MCE15SN3M7	68890



Overload Relay for Starters

Citation-M Overload Relays (Direct Mounting) with built in single phase protection

HSN CODE : 8536

HSN CODE : 8538



Cat. No.	Overload Relay Range (A)	MRP [₹]	Terminal Block for individual mounting	MRP [₹]
MC305ANA3A	0.195 - 0.31	2075		
MC305ANA3B	0.30 - 0.48	2075		
MC305ANA3C	0.47 - 0.75	2075		
MC305ANA3D	0.72 - 1.14	2075		
MC305ANA3E	1.07 - 1.70	2075	(Incoming) MC305TB1	305
MC305ANA3F	1.58 - 2.50	2075	(Outgoing) MC305TB3	305
MC305ANA3G	2.40 - 3.80	2075		
MC305ANA3H	3.80 - 6.00	2075		
MC305ANA3J	6.00 - 9.30	2075		
MC305ANA3K	8.90 - 13.50	2075		
MC305ANA3L	13.20 - 20.0	2295		
MC305ANA3M	17.4 - 24.0	2535	(Incoming) MC305TB2	305
MC305ANA3N*	22.0 - 30.0	3270	(Outgoing) MC305TB3	305
MC305ANA3P*	23.0 - 32.0	3300		
MC305ANA3Q*	26.0 - 40.0	3580		

*Overload relay type 'N', 'P' & 'Q' must be used with terminal block MC305TB3

CT Operated Overload Relays-Individual Mounting

HSN CODE : 8536



Cat. No.	Overload Relay Range (A)	MRP [₹]
CT1MC305ANA3C	24.4 - 39.0	6295
CT2MC305ANA3C	37.6 - 60.0	8125
CT3MC305ANA3C	56.4 - 90.0	9120
CT4MC305ANA3C	84.6 - 135.0	9260
CT5L1MC305ANA3C	112.8 - 180.0	14200
CT5MC305ANA3C	131.6 - 210.0	14665
CT6MC305ANA3C	188.0 - 300.0	16805
CT7MC305ANA3C	263.2 - 420.0	17370
CT8MC305ANA3C	376.0 - 600.0	20165

2 Pole Overload Relays (Direct Mounting)

HSN CODE : 8536



Cat. No.	Overload Relay Range (A)	MRP [₹]
MC307ANA2F	1.58 - 2.50	1065
MC307ANA2G	2.40 - 3.80	1065
MC307ANA2H	3.80 - 6.00	1065
MC307ANA2J	6.00 - 9.30	1065
MC307ANA2K	8.90 - 13.50	1065
MC307ANA2L	13.20 - 20.0	1230
MC307ANA2M	17.4 - 24.0	1315
MC307ANA2N	22 - 30	1530
MC307ANA2P	23 - 32	1560
New MC307ANA2Q	28 - 40	1730

WP Overload Relays for Shakti WP & Oil Starter

HSN CODE : 8536



Cat. No.	Overload Relay Range (A)	MRP [₹]
MC307ANA3J / MC307ANA3J-OS	6.00 - 9.30	1860
MC307ANA3K / MC307ANA3K-OS	8.90 - 13.50	1860
MC307ANA3L / MC307ANA3L-OS	13.20 - 20.0	2060
MC307ANA3M / MC307ANA3M-OS	17.4 - 24.0	2280
MC307ANA3N	22.0 - 30.0	2740
MC307ANA3P	23.0 - 32.0	2820

Spares for Starter

Spares for Shakti Starters

HSN CODE : 8538

Cat. No.	Description	MRP [₹]
SHB	Contact Kit 20A(1Aux+3P)**	On Request
SHAA	Contact Kit 12A (1 Aux + 3P)**	1030
SHZ	Coil 190- 400 V	515
SHCC	Contact carrier	115
SHPB	Extended Button Assembly	320
SHCO	Shakti Contactor for DOL 20A	3320
SHACO	Shakti Contactor for Star Delta 16A	3565
SHCOA	Shakti Contactor for DOL 12A	2810
NCPNYAU*-5S or 5M	SPP (for ASX & OISDY)-6 Wire	1015
CPTB630	Terminal Block 30A 6-way (Auto DOL)	340
CPAMS-3P/ASX	Auto Manual Switch 3-pos (Auto DOL)	585
SHA	Contact Kit*	1255

* Shakti Kit consist of - 8 Fixed main contacts, 4 moving main contacts, 4 springs & 4 retainers

** Shakti 1 Aux + 3P Kit consist of - 6 Fixed main contacts, 3 moving main contacts, 2 Aux main contacts, 1 Aux moving contact, 4 springs & 4 retainers

HSN CODE : 8538

Cat No.	Description	MRP[₹]
SPSRW8	Power Terminal Screw - 4P NHD Contactor	135
SPSRWSD4	Screw (4nos.) for Star Delta Starter	55
SPSRWDOL2	Screw (2nos.) for DOL Starter-Citation/Shakti	40
SPGR2	Gromet (2nos.) for DOL Starter-Citation/Shakti	30

Spares for 3-Phase Submersible Pump Starter

Cat. No.	Description	MRP [₹]
NCPYAU*-5S or 5M	SPP (3 Position SPS)-6 wire	1015
BCHSPP1*-5S or 5M	SPP (6-wire)	1015
BCHSPP2*	SPP Pro (6-wire)	1015
BCHSPP2BK*	SPP Pro for BK Starters (6-Wire)	1015
SPSATWB-30S	Electronic Timer (Star Delta)	1590
CPAM25	Ammeter 25A	680
CPAM50	Ammeter 50A	680
CPAM100	Ammeter 100A	715
CPVM500	Voltmeter 500V	680
CPTB215	Terminal Block 15A 2 way	90
CPTB360	Terminal Block 60A 3 way	260
CPTB660	Terminal Block 60A 6 way	425
CPTB3100	Terminal Block 100A 3 way	870
CPMB	Mounting Bracket Set	180
CPAMS-2P	Auto Manual Switch 2 position	445
CPAMS-3P	Auto Manual Switch 3 position	475
CPVSS	Voltmeter Selector Switch	480
HEA11GM-PB	Start PB (Green)	250
HEA11RM-PB	Stop PB (Red)	250
HCB10	Aux Block (1 NO)	140
HCB01	Aux Block (1 NC)	140
CPLED-R240	Incoming LED - RED	235
CPLED-Y240	Incoming LED - YELLOW	235
CPLED-B240	Incoming LED - BLUE	235

Spares for Citation M Starters

HSN CODE : 8538

Cat. No.	Description	MRP [₹]
SP100PB3	PB assembly for Citation Starters (Manufactured Before Apr'24)	385
SP100PBC1	PB assembly for Citation Starters (Manufactured from Apr'24 onwards)	385
SP100PBC2	PB assembly for Citation SASD	385
SP100CB	Start actuator Block for DOL	340
SP100CBS	Start actuator Block for SD	340
SP100TB	Terminal Block for Star Delta Starters	330
CPTB975	Terminal Block for SD Starters (40-50 HP)	1015
CPTB9150	Terminal Block 9 way 150Amp	1800
SPSATG	Electronic Timer (Star Delta)	1590
For 250-375 HP SD Starter		
TSFB-R	Push Button (RED)	355
TSFB-G	Push Button (Green)	355
050N1	Aux Contact Block(1NO+1NC)	485

Discontinued Cat Code	SPP Type	Alternate Cat Code	SPP used in
CPAU*	2-Pos SPP	NCPAU* - 5*	2-Pos SPS
CPYAU*	3-Pos SPP	NCPYAU* - 5*	3-Pos SPS
CPNYAU*	3-Pos SPP	NCPNYAU* - 5*	Oil SD & Auto DOL

* Extra plate to be used alongwith alternate SPP

Spares for 1-Phase Submersible Pump Starter

HSN CODE : 8538

Cat. No.	Description	MRP [₹]
ILR-B	"ON" Indication Lamp	95
SPAM-10	Ammeter 10A	680
SPAM-15	Ammeter 15A	680
SPAM-25	Ammeter 25A	680
SPAM-50	Ammeter 50A	680
SPVM-300	Voltmeter 300V	680
CPTB530	Terminal Block 30A 5 way (Mini Version)	170
CPTB530H	Terminal Block 30A 5 way (Contr. Version)	280
CPTB330	Terminal Block 30A 3 way	125
CPTB240	Terminal Block 40A 2 way	180
SPGC	"ON" Push Button for 1-Ph SPS (GREEN)	325
SPRC	"OFF" Push Button for 1-Ph SPS (RED)	265
MC305TB4	Outgoing Side Terminal Block for 23-32A relay	305

Spares for Freedom DOL

HSN CODE : 8538

Cat. No.	Description	MRP [₹]
C320SCB	Start Contact Block	230
CEPBI	Push Button - Green	115
CEPBO	Push Button - Red	115



Spares for Starter

KIT for NHD

Contactor Rating (AC-3)	4P KIT Cat Code	MRP [₹]	1 Aux + 3P KIT	MRP [₹]	1P KIT	MRP [₹]
			Cat. No.		Cat. No.	
12A	SP90E1	1185	SP90E2	1075	SP90E01	320
16A	SP90A1	1465	SP90A2	1340	SP90A01	395
20A	SP90F1	1975	SP90F2	1795	SP90F01	525
25A	SP90B1	2755	SP90B2	2505	SP90B01	705
32A	SP90D1	3935	SP90D2	3575	SP90D01	1020
40A	SP90C1	4830	SP90C2	4385	SP90C01	1235

* 4P Kit consist of - 8 Fixed main contacts, 4 moving main contacts, 4 springs & 4 retainers

* 1 Aux + 3P Kit consist of - 6 Fixed main contacts, 3 moving main contacts, 2 Aux main contacts, 1 Aux moving contact, 4 springs & 4 retainers

2P Contactor

Contactor Rating	Cat. No.	MRP [₹]	2P Contactor Kit			HSN CODE : 8538
			Rating	Cat. No.	MRP [₹]	
16A	CPGN162*	1610	16A	CPGN162PSP	350	
20A	CPGN202*	1815	20A	CPGN202PSP	380	
25A	CPGN225*	2060	25A	CPGN252PSP	435	

* 2P Kit consist of - 4 Fixed contacts, 2 moving contacts, 2 springs & 2 retainers

Spares for P series SPS

Cat. No.	Description	MRP [₹]	HSN CODE : 8538
CPRS-ON-OFF	ROCKER SWITCH ON-OFF	95	
CPTB210	10A, 2 way TB for P series SPS	85	
CLED-R	LED RED 415V	260	
CLED-A	LED AMBER 415V	260	
SP100CBP	Start Actuator blcok for P series SPS	340	
CPAM10-WH, CPAM15-WH, CPAM25-WH, CPAM50-WH	Ammeter with White Bezel (for Shakti P SPS)	680	
CPVM500-WH	Voltmeter 500V White Bezel	680	

Spares for 1-ph Dry Run SPS

Cat. No.	Description	MRP [₹]	HSN CODE : 8538
SPDRPH0.75-S1	DRY RUN PROTECTOR S1, 3.8-6.0A, 0.75 HP	1135	
SPDRPJ1-S1	DRY RUN PROTECTOR S1, 6.0-9.3A, 1 HP	1135	
SPDRPK1.5-S1	DRY RUN PROTECTOR S1, 8.9-13.5A, 1.5 HP	1135	
SPDRPL2-S1	DRY RUN PROTECTOR S1, 13.2-20A, 2 HP	1135	
SPDRPM3-S1	DRY RUN PROTECTOR S1, 17.4-24A, 3 HP	1135	
SPDRPN3-S1	DRY RUN PROTECTOR S1, 22-30A, 3 HP	1135	
SPDRPP5-S1	DRY RUN PROTECTOR S1, 23-32A, 5HP	1135	
SPDRP-CT-S1	CT FOR DRY RUN PROTECTOR S1	135	
SPDRPCONNECTOR-S1	CONNECTOR FOR DRY RUN PROTECTOR S1	75	


KIT for CPG
HSN CODE : 8538

Contactor Rating	Cat. No.	MRP [₹]
12A	CPG122PSP	660
16A	CPG162PSP	765
20A	CPG202PSP	1190
25A	CPG252PSP	1900
32A	CPG322PSP	1975
40A	CPG402PSP	2970

* 2P Kit consist of - 4 Fixed contacts, 2 moving contacts, 2 springs & 2 retainers


Spare Coil & Carrier

Contactor	Cat. No.	MRP [₹]
Magnet Coil for NHD/ CPG	SP90MC*	530
Carrier for NHD	SP90CC	125
Carrier for CPG	CPG2PCC	80

Dual Meter

Cat. No.	MRP [₹]	HSN CODE : 9030
CPAM10VM300, CPAM15VM300, CPAM25VM300, CPAM30VM300, CPAM50VM300	930	
CPAM10VM500, CPAM15VM500, CPAM30VM500, CPAM60VM500	990	
CPAM30-60VM500S72	965	
CPAM60-120VM500S72	1040	
CPAM30-60VM500S96	1230	
CPAM60-120VM500S96	1375	

Spare Freedom Overload Relays for Citation P32 to Citation P100
HSN CODE : 8536

Cat. No.	Overload Relay Range (A)	MRP [₹]
MC318GNA3B	22 - 32	3455
MC318GNA3C	29 - 42	3465
MC318GNA3D	36 - 52	4685
MC318GNA3E	45 - 63	5215
MC318GNA3F	60 - 80	6415

Adaptor for Individual mounting Cat Code- C318F2 (MRP Rs. 640)



Coil Band Master Table



COIL VOLTAGE : MASTER TABLE

	PRODUCT	160-220V	170-240V	220-240V	145-264V	187-264V	230-360V	260-400V	310-400V	190-400V	264-440V	162-440V	196-462V	234-462V	275-420V	380-415V	415V	440V	550V
CPG 2P	CPG216	BW	BBW	H	-	-	-	-	-	-	-	-	-	-	N	-	-	-	-
	CPG225	BW	BBW	H	-	-	-	-	-	-	-	-	-	-	N	-	-	-	-
	CPG240	BW	BBW	H	-	-	-	-	-	-	-	-	-	-	N	-	-	-	-
SHAKTI	SHAKTI DOL	-	-	-	-	-	G	-	Z	ZB	-	-	-	-	N	-	-	-	-
	SHAKTI STAR DELTA	-	-	-	-	-	G	-	-	-	-	-	-	-	N	-	-	-	-
NHD 4P	CP12, C00N, CP20	-	H	-	-	G	-	-	-	-	-	-	-	-	MB	N	-	C	D
	N00N	-	H	LV	G	-	-	-	-	-	-	-	-	-	MB	N	-	D	D
NIN	N01N	-	H	LV	-	WB	-	-	-	-	-	-	-	-	N	-	C	-	-
	N1N	-	H	-	-	WB	-	-	-	-	-	-	-	-	N	-	C	-	-
CITATION	C4 & MC10D	-	-	-	-	-	-	-	-	-	-	-	-	-	M	C	D	C	D
	MC10EN	-	-	-	-	-	-	-	-	-	-	-	-	-	M	C	D	C	D
FREEDOM SERIES	MCE15L TO M5	-	-	-	-	-	-	-	-	-	-	-	-	-	M	C	D	C	D
	MCE15N, Q & S	-	-	-	-	-	-	-	-	-	-	-	-	-	M	C	D	C	D

Also Available:

* For N1N DL Coil (340-460V) option is available

* For Citation E & M-5 (70A & 110A) LA Coil (320-400V) option is available

* SP90MCMVN 415V (-35% - +10%) for NHD Contactor

* 60Hz Coil 440V for NHD Contactor

MCB/Isolator/MCCB/Distribution Boxes



MCB - B CURVE

HSN Code : 8536

Rated Current	SP	DP	TP	FP
6 - 32A	285	1055	1660	2230
40A	695	1640	2520	3175
63A	705	1685	2585	3250

MCB - C CURVE

HSN Code : 8536

Rated Current	SP	SPN	DP	TP	TPN	FP
6 - 32A	285	1000	1055	1660	2135	2230
40A	695	1490	1640	2520	2890	3175
63A	705	1535	1685	2585	2955	3250

Order in multiple of SP-12 Nos., SPN-6 Nos., DP-6 Nos., TP-4 Nos., TPN-3 Nos., FP-3 Nos.

ISOLATORS

HSN Code : 8536

Poles	Standard Pack of	Rated Current	Cat. No.	MRP [₹]
2P	6 units	40A	BCHISODP40	715
	6 units	63A	BCHISODP63	880
3P	4 units	40A	BCHISOTP40	1270
	4 units	63A	BCHISOTP63	1455
4P	3 units	40A	BCHISOFP40	1490
	3 units	63A	BCHISOFP63	1615

MCCB

HSN Code : 8536



Icu (Overload Setting)	Rated Current	Cat. No.	MRP [₹]
10kA @ (Fixed)	100, 80 (with spreader terminals)	XFE***P	3090
	100, 80 (without spreader terminals)	XFE***P-WT	2945
	63, 50, 40, 32, 25, 20, 16	XFE***P	2945

Code - Current Rating

Rating	16A	20A	25A	32A	40A	50A	63A	80A	100A
*Code	016	020	025	032	040	050	063	080	100

MCCB of any other rating can be offered on request, for more details please refer to Industrial product price list or contact sales team

MCB/MCCB Enclosure

HSN Code : 8537



Type	Product	Description	Cat. No.	MRP [₹]
MCB Enclosure	Enclosure only without MCB	SP, ONE WAY MCB DB	BCHOWMCBDBSP	745
		DP, ONE WAY MCB DB	BCHOWMCBDBDP	745
		TP, ONE WAY MCB DB	BCHOWMCBDBTP	805
		FP, ONE WAY MCB DB	BCHOWMCBDBFP	805
HSN Code : 8536				
MCCB Enclosure	Enclosure only (without MCCB)	F1 MCCB Enclosure F2 MCCB Enclosure	F1EU3P F2EU3P	1395 3020

Above MCB/MCCB with the enclosure serves as an ideal solution for main switch.



Complete range of BCH MCB Distribution Boxes are available.

For more details please refer to Comprehensive price list or contact sales team.

Wires & Cables

BCH Three Core Flat Cables with annealed bare & bunched copper conductor insulated & sheathed with PVC for submersible pump motors for voltage grade 1100 V as per I.S. 694 / 2010, conforming & marked with I.S. 694 / 2010 upto 95 sqmm. 3 Core Flat Cable PVC Insulated Type CS

HSN Code : 8544

BCH Code	Flat Cable	LP Per 500 Mtrs in ₹	Remark
CS0010BM	1.0 Sqmm x 3 core Flat cable	On request	
CS0015BM	1.5 Sqmm x 3 core Flat cable	On request	
CS0025BM	2.5 Sqmm x 3 core Flat cable	On request	
CS0040BM	4.0 Sqmm x 3 core Flat cable	On request	
CS0060BM	6.0 Sqmm x 3 core Flat cable	On request	
CS0080BM	8.0 Sqmm x 3 core Flat cable	On request	
CS0100BM	10 Sqmm x 3 core Flat cable	On request	
CS0160BM	16 Sqmm x 3 core Flat cable	On request	
CS0250BM	25 Sqmm x 3 core Flat cable	On request	
CS0350BM	35 Sqmm x 3 core Flat cable	On request	
CS0500BM	50 Sqmm x 3 core Flat cable	On request	
CS0700BM	70 Sqmm x 3 core Flat cable	On request	
CS0950BM	95 Sqmm x 3 core Flat cable	On request	
CS1200BM	120 Sqmm x 3 core Flat cable	On request	



BCH Three Core Flat Cables with XLPE insulation & ROHS PVC sheath for withstanding temperature upto 90 deg.C.

HSN Code : 8544

BCH Code	FLAT CS XLPE CABLE	LP Per 500 Mtrs in ₹	Remark
CFTEX-03-0015BM	1.5 Sq. mm x 3 core Flat CS XLPE CABLE	On request	
CFTEX-03-0025BM	2.5 Sq. mm x 3 core Flat CS XLPE CABLE	On request	
CFTEX-03-0040BM	4.0 Sq. mm x 3 core Flat CS XLPE CABLE	On request	
CFTEX-03-0060BM	6.0 Sq. mm x 3 core Flat CS XLPE CABLE	On request	
CFTEX-03-0080BM	8.0 Sq. mm x 3 core Flat CS XLPE CABLE	On request	
CFTEX-03-0100BM	10 Sq. mm x 3 core Flat CS XLPE CABLE	On request	
CFTEX-03-0160BM	16 Sq. mm x 3 core Flat CS XLPE CABLE	On request	
CFTEX-03-0250BM	25 Sq. mm x 3 core Flat CS XLPE CABLE	On request	
CFTEX-03-0350BM	35 Sq. mm x 3 core Flat CS XLPE CABLE	On request	
CFTEX-03-0500BM	50 Sq. mm x 3 core Flat CS XLPE CABLE	On request	



BCH Three Core Flat Cables with XLPE insulation & ROHS PVC sheath for withstanding temperature upto 90 deg.C.

HSN Code : 8544

BCH Code	Flat Cable	LP Per 500 Mtrs in ₹	Remark
CFTX-03-0015BM	1.5 Sqmm x 3 core Flat cable XLPE insulated Thick	On request	
CFTX-03-0025BM	2.5 Sqmm x 3 core Flat cable XLPE insulated Thick	On request	
CFTX-03-0040BM	4.0 Sqmm x 3 core Flat cable XLPE insulated Thick	On request	
CFTX-03-0060BM	6.0 Sqmm x 3 core Flat cable XLPE insulated Thick	On request	
CFTX-03-0080BM	8.0 Sqmm x 3 core Flat cable XLPE insulated Thick	On request	
CFTX-03-0100BM	10 Sqmm x 3 core Flat cable XLPE insulated Thick	On request	
CFTX-03-0160BM	16 Sqmm x 3 core Flat cable XLPE insulated Thick	On request	



BCH Three Core Flat Cables with XLPE insulation & ROHS PVC sheath for withstanding temperature upto 90 deg.C.

HSN Code : 8544

BCH Code	Flat Cable	LP Per 500 Mtrs in ₹	Remark
CFXP-03-0015BM	1.5 Sqmm x 3 core Flat cable XLPE insulated	On request	
CFXP-03-0025BM	2.5 Sqmm x 3 core Flat cable XLPE insulated	On request	
CFXP-03-0040BM	4.0 Sqmm x 3 core Flat cable XLPE insulated	On request	
CFXP-03-0060BM	6.0 Sqmm x 3 core Flat cable XLPE insulated	On request	

**Note: At the end of every code "A" stand for 100 mtrs. , "BM" stand for 500 mtrs. , "CM" stand for 1000 mtrs.
For price, please contact our nearest sales office.**



BCH

Price List

General Terms & Conditions

Prices are subject to change without any prior notice and will be applicable as prevailing at the time of dispatch.

- The prices are ex-works basis..
- The prices given in this list are effective as on date and are subject to change without notice.
- Maximum Retail Price (MRP) mentioned are inclusive of GST.
- The List Prices (LP) mentioned are exclusive of GST.
- The duties, taxes and other statutory levies are based on rates prevailing at the time of billing. Any subsequent revision of those rates having retrospective effect shall be to customer's account.
- In case where any GST exemption has been claimed, the purchaser is responsible for providing the necessary GST exemption form within the specified period, failing which the purchaser would be liable for the payment of full GST plus applicable interest and penalties
- All Prices are in Indian Rupees (₹).
- Alteration made after receipt of confirmation of order are subject to price & delivery revisions and any other expenses or levies
- The dispute, if any, will be resolved mutually by discussion. However, if no settlement is forthcoming then, the Courts at New Delhi shall only have territorial jurisdiction to hear and decide the dispute.

Warranty

All products, unless specifically mentioned otherwise, shall have warranty, against manufacturing defects for a period of 18* months from the date of invoicing & 24 months from date of manufacturing whichever is later subject to the provision of proper usage and does not cover defects arising out of fire, accident, inefficient maintenance, faulty operation and willful or accidental damage. The manufacturer shall not be liable for any consequential loss, injury or damages attributable to defect or failure of its products.

* Proof of purchase to be retained to avail warranty.

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Works 2 : 64-68, Sector-7, IIE, Pant Nagar, Rudrapur, Udhampur Singh Nagar - 263 153 (Uttarakhand) Tel. : 05944-250214/16 Fax : 05944-250215

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