



BCH  
ELECTRIC  
LIMITED



# Motor Starters

Price List effective 17th April 2026

*Farmer's trusted irrigation partner | Since 1965*



# 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](http://www.bchindia.com)



# BCH

## Motor Starters & Submersible Pump Starters

### Motor Starters

01-14

- Shakti - DOL (Shakti WP & Shakti) & Auto DOL Starters
- Shakti - Semi & Fully Automatic Star Delta Starters
- Citation DOL, Citation P - DOL & Auto DOL
- Citation - SASD, FASD, Higher HP FASD Starters
- BK1 DOL & SASD Starters & Spares
- FASD with EOCR & Reversing DOL
- Industrial DOL <sup>New</sup> BRAVO & Freedom
- Mini Manual DOL 1Ph & 3Ph, DOL-1Ph & Manual SD Starter

Page No.

07  
08  
09  
10  
11  
12  
13  
14



### Submersible Pump Starters

15-21

- 3-Ph SPS - Citation - DOL & SD and Shakti - DOL
- 3-Ph SPS - Citation P - DOL & SD (Standard & Premium)
- 3-Ph SPS - Citation P - SD (Range Extension)
- 3-Ph SPS - Shakti P - DOL, 1-Ph DOL Starter & SPP Pro
- 1-Ph SPS (with CPG Contactor)
- 1-Ph SPS - Alfa Model & Dry Run Protection Panel
- 1-Ph SPS - CPD Model & Mini Manual

16  
17  
17  
18  
19  
20  
21



### Oil Immersed Starters & Spares

22

- Oil Immersed DOL & Star Delta Starters (SASD & FASD)

22



### Contactors, OLR & Spares

23-29

- Contactors - (2P CPG, 4P NHD & 1 Aux + 3P) & Citation Series
- Overload Relays - Citation 3P, WP 3P & 2P
- Spares for Motor Starters
- Spares for SPS
- Spares for P series SPS, Dry Run SPS, Dual Meter & FR OLR
- Spare Contact Kits, Coils & Carrier for Motor Starters
- Coil Band Master Table

23  
24  
25  
26  
28  
29  
29



### MCB / MCCB

30

### Wires & Cables

31

# BCH i-Pro

The intelligent upgrade for traditional motor starters



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

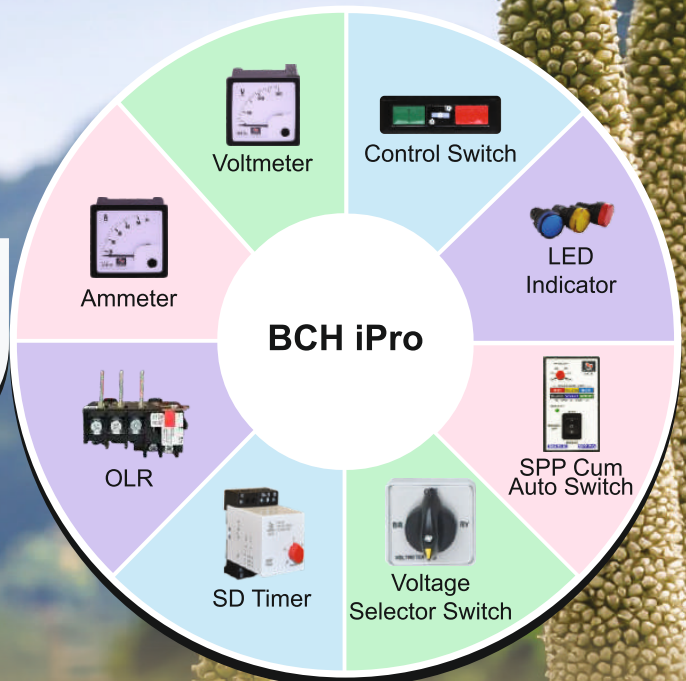


**Advanced:** Digital voltmeter and ammeter for real-time, accurate monitoring



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

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



BCH  
ELECTRIC  
LIMITED

# BCH-MC<sup>+</sup>

## Mobile Controller

Empowering Farmers. Saving Time. Growing Prosperity



### Wireless control with smart protection



Call (IVRS)



SMS



Missed Call



Mobile App



UV/OV Protection



Phase Fault Protection



Fault Alert in Mobile



Timer Mode for Auto Scheduling



BHARTIA

BCH

BCH  
ELECTRIC  
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  
ELECTRIC  
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



BCH  
ELECTRIC  
LIMITED



Impact Resistance IK10



Dust & Water Resistant IP54

## 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**

**BCH  
ELECTRIC  
LIMITED**



## 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

## Shakti WP DOL Starter (190-400V AC Coil)



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	4385	-	-		
SAWPHZA	3.8 - 6.0							
SAWPJZA	6.0 - 9.3							
SAWPGZ	2.4 - 3.8		20 A	4470	4420	SAWPGZI	4420	
SAWPHZ	3.8 - 6.0					SAWPHZI		
SAWPJZ	6.0 - 9.3					SAWPJZI		
SAWPKZ	8.9 - 13.5					SAWPKZI		
SAWPLZ	13.2 - 20.0					SAWPLZI		4640
SAWPMZ	17.4 - 24.0					SAWPMZI		4825
			4700					
			4890					



## 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	5885
SAWPLZ-BT	13.2 - 20.0			6125
SAWPMZ-BT	17.4 - 24.0			6455

## 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	4725	SAGZI	4680
SAHZ	3.8 - 6.0				SAHZI	
SAJZ	6.0 - 9.3				SAJZI	
SAKZ	8.9 - 13.5			SAKZI		
SALZ	13.2 - 20.0			SALZI	5075	
SAMZ	17.4 - 24.0			SAMZI	5285	
				5145		
				5350		

## 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	7680
ASXHZ	3.8 - 6.0			
ASXJZ	6.0 - 9.3			
ASXKZ	8.9 - 13.5			8055
ASXLZ	13.2 - 20.0			
ASXMZ	17.4 - 24.0			

## 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	16630
SASSHLEG	3.8 - 6.0			
SASSJLEG	6.0 - 9.3			
SASSKLEG	8.9 - 13.5			
SASSKLEG/LOR	13.2 - 20.0			16965
SASSKLEG-M	17.4 - 24.0			17525

## 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	18860
SASAHLEG	3.8 - 6.0			
SASAJLEG	6.0 - 9.3			
SASAKLEG	8.9 - 13.5			
SASAKLEG/LOR	13.2 - 20.0			19170
SASAKLEG/MOR	17.4 - 24.0			19720

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

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



## Citation DOL Motor Starter

HSN CODE : 8530

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	6665	NADLENI	6480
NAELEN	0.75 / 0.55	1.07 - 1.70	C00N	16 A	6665	NAELENI	6480
NAFLEN	1 / 0.75	1.58 - 2.50	C00N	16 A	6665	NAFLENI	6480
NAGLEN	2 / 1.5	2.4 - 3.8	C00N	16 A	6665	NAGLENI	6480
NAHLEN	3 / 2.2	3.8 - 6.0	C00N	16 A	6665	NAHLENI	6480
NAJLEN	5 / 3.7	6.0 - 9.3	C00N	16 A	6665	NAJLENI	6480
NAKLEN	7.5 / 5.5	8.9 - 13.5	C00N	16 A	6665	NAKLENI	6480
NALLEN	10 / 7.5	13.2 - 20.0	C00N	16 A	7065	NALLENI	6875
NALLEN/CP20	10 / 7.5	13.2 - 20.0	CP20	20 A	7925		
NALLEN/MOR	12.5 / 10	17.4 - 24.0	CP20	20 A	8230	NALLENI/MOR	8235



## 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	11745
NAMLEN/NOR	15 / 11	22.0 - 30.0	NON	25A	12170
NAPLEN/MOR	15 / 11	17.4 - 24.0	N01N	32A	15090
NAPLEN	20 / 15	23.0 - 32.0	N01N	32A	15825
NANLEN	20 / 15	22.0 - 30.0	N1N	40A	17410
NAQLEN	25 / 18.5	26.0 - 40.0	N1N	40A	17675



## (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	27805
NACT2LEDM	30 / 22	37.6 - 60.0	Citation D	40A	37985
NACT2LEEM	40 / 30	37.6 - 60.0	Citation E	70A	51735



## Citation P DOL Motor Starter

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	8280
P2	NBMLEN	N & G	15/ 11	17.4 - 24	25A	8465
P2	NBMLEN/POR	N & G	15/ 11	23 - 32	25A	8865
P3	NBPLEN	N & WB	20 / 15	23 - 32	32A	10405
P3	NBPLEN/QOR	N & WB	20 / 15	26 - 40	32A	10800
P3H	NBQLEN	N & WB	25 / 18.5	26 - 40	40A	13220



## Citation P Auto DOL Motor Starter

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	8545
P1A	ANBLLLEN	N & G	10 / 7.5	13.2 - 20	16A	8690
P1HA	ANBLLLEN/MOR	N & G	12.5 / 10	17.4 - 24	20A	9085
P1HA	ANBLLLEN/POR	N & G	12.5 / 10	23 - 32	20A	9350
P2A	ANBMLEN	N & G	12.5 / 10	17.4 - 24	25A	10520
P2A	ANBMLEN/POR	N & G	15/ 11	23 - 32	25A	10945
P3A	ANBPLEN	N & WB	20 / 15	23 - 32	32A	11895
P3A	ANBPLEN/QOR	N & WB	20 / 15	26 - 40	32A	12030
P3HA	ANBQLEN	N & WB	22.5 / 16.8	26 - 40	40A	13905



For other Coil Voltages, kindly refer 'Coil Voltage Master Table' at page 29



## 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	3.8 - 6.0	C00N	16A	17910
NASSJLEN	10 / 7.5	6.0 - 9.3	C00N	16A	17910
NASSKLEN	15 / 11	8.9 - 13.5	C00N	16A	17910
NASSKLEN/LOR	15 / 11	13.2 - 20.0	C00N	16A	18470
NASSLLEN	20 / 15	13.2 - 20.0	N0N	25A	28365
NASSMLEN	25 / 18.5	17.4 - 24.0	N0N	25A	28540
NASSPLEN	25 / 18.5	23.0 - 32.0	N0N	25A	31550
NASS01PLEN	35 / 26	23.0 - 32.0	N01N	32A	36505
NASS01QLEN	40 / 30	26.0 - 40.0	N01N	32A	36830
NASS01CT1LEN	40 / 30	24.4 - 39.0	N01N	32A	51550
NASSNLEN	35 / 26	22.0 - 30.0	N1N	40A	53425
NASSFRGCLEC4M	40 / 30	29-42 (FR OLR)	C4	32A	55635



## 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	24265
NASAHLEN	5 / 3.7	3.8 - 6.0	C00N	16A	24265
NASAJLEN	10 / 7.5	6.0 - 9.3	C00N	16A	24265
NASAKLEN	15 / 11	8.9 - 13.5	C00N	16A	24265
NASAKLEN/LOR	15 / 11	13.2 - 20.0	C00N	16A	25445
NASALLEN	20 / 15	13.2 - 20.0	N0N	25A	33210
NASAMLEN	25 / 18.5	17.4 - 24.0	N0N	25A	33395
NASAPLEN	30 / 22	23.0 - 32.0	N0N	25A	34780
NASA01PLEN	35 / 26	23.0 - 32.0	N01N	32A	43270
NASANLEN	35 / 26	22.0 - 30.0	N1N	40A	61415
NASAQLEN	40 / 30	26.0 - 40.0	N1N	40A	61770
NASACT1LEN	40 / 30	24.4 - 39.0	N1N	40A	65510

## 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	77815
NASACT2LEDM	50 / 37	37.6 - 60.0	D	40A	79055
NASACT2LEEM	75 / 55	37.6 - 60.0	E	70A	137280
NASACT3LEEM	85 / 65	56.4 - 90.0	E	70A	146685
NASACT3LEC5M	100 / 75	56.4 - 90.0	M-5	110A	189950
NASACT4LEC5M	135 / 100	84.6 - 135.0	M-5	110A	194205
NASACT4LENM	150 / 110	84.6 - 135.0	N	140A	288020
NASACT5LEC6M	250 / 185	131.6 - 210.0	S	300A	383075
NASACT6LEC6M	375 / 280	188.0 - 300.0	S	300A	462645

For other Coil Voltages, kindly refer 'Coil Voltage Master Table' at page 29

## 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	3415
BK1 DOL	BK1DBFWB1	1 HP	1.5-2.5	16A	3415
BK1 DOL	BK1DBGWB1	2 HP	2.5-4	16A	3415
BK1 DOL	BK1DBHWB1	4 HP	4-6.5	16A	3415
BK1 DOL	BK1DBJWB1	6 HP	6-10	16A	3415
BK1 DOL	BK1DBKWB1	7.5 HP	9-14	16A	3415
BK1 DOL	BK1DBKLWB1	7.5 HP	11-18	16A	3490
BK1 DOL	BK1DBLWB1	7.5 HP	13-22	16A	3580
Bk2 DOL	BK2DBKWB1	7.5 HP	9-14	25A	4355
Bk2 DOL	BK2DBKLWB1	7.5 HP	11-18	25A	4355
BK2 DOL	BK2DBLWB1	7.5 HP	13-22	25A	4355
BK2 DOL	BK2DBPWB1	7.5 HP	20-32	25A	4355

\*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	13170
BK1 SASD	BK1SSBJWB1	10 HP	6-10	16A	13170
BK1 SASD	BK1SSBKWB1	12.5 HP	9-14	16A	13170
BK1 SASD	BK1SSBKLBW1	15 HP	11-18	16A	13275
BK1 SASD	BK1SSBLWB1	15 HP	13-22	16A	13435
BK2 SASD	BK2SSBLWB1	15 HP	13-22	25A	14880
BK2 SASD	BK2SSBPWB1	15 HP	20-32	25A	14880

## BK Contactors

HSN CODE : 8536

Cat. No.	Description	MRP [₹]
BK1C16WB1	Bk1 Contactor, 4P, 16A, 250-450V AC	2470
BK2C25WB1	BK2 Contactor, 4P, 25A, 250-450V AC	3020

## BK Overload Relay

HSN CODE : 8536

Cat. No.	Description	MRP [₹]
BK1OLRBE	Overload Relay, 3P, BK, 1-1.6A	1225
BK1OLRBF	Overload Relay, 3P, BK, 1.5-2.5A	1225
BK1OLRBG	Overload Relay, 3P, BK, 2.5-4.0A	1225
BK1OLRBH	Overload Relay, 3P, BK, 4-6A	1225
BK1OLRBJ	Overload Relay, 3P, BK, 6-10A	1225
BK1OLRBK	Overload Relay, 3P, BK, 9-14A	1225
BK1OLRBKL	Overload Relay, 3P, BK, 11-18A	1260
BK1OLRBL	Overload Relay, 3P, BK, 13-22A	1410
BK2OLRBP	Overload Relay, 3P, BK, 20-32A	1565

## Spares for BK1 Starters

HSN CODE : 8538

Cat. No.	Description	MRP [₹]
BK1-AS16	Housing (Arc Shield) for BK1 Contactor	190
BK2-AS25	Housing (Arc Shield) for BK2 Contactor	190
BK1-CB16	Contact Bridge for BK1 Contactor	180
BK2-CB25	Contact Bridge for BK2 Contactor	195
BK1-CK16	Contact Kit for BK1 Contactor	1250
BK2-CK25	Contact Kit for BK2 Contactor	1765
BKCWB1	Coil 250-450V AC for BK Contactors	375
BKCWB2	Coil 200-400V AC for BK Contactors	375
BK-PB	Twin Push Button for BK Starters	170
BKCB11	Auxiliary contact 1NO+1NC for BK Starter	405
BK1-MC16	Single moving contact for BK1 Contactor	125
BK2-MC25	Single moving contact for BK2 Contactor	170



## 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	93875
NASASS60LEEM-P	75 / 55	5-60 Amp	E	70A	150815
NASA2CTD1CLEM5M-P	100/ 75	0.5-6 Amp (with CT 100/5) (2CT model)	M-5	110A	213610
NASA2CT150LEM5M-P	135/ 100	0.5-6 Amp (with CT 150/5) (2CT model)	M-5	110A	221280



## 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)	57825

## 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	16295
NARGLEN	2/1.5	2.4 - 3.8	C00N	16 A	16295
NARHLEN	3/2.2	3.8 - 6.0	C00N	16 A	16295
NARJLEN	5/3.7	6.0 - 9.3	C00N	16 A	16295
NARKLEN	7.5/5.5	8.9 - 13.5	C00N	16 A	16295
NARLLEN	10/7.5	13.2 - 20.0	N0N	25 A	22860
NARMLLEN	15/11	17.4 - 24.0	N1N	40 A	30645
NARNLEN	20/15	22.0 - 30.0	N1N	40 A	32360

For other Coil Voltages, kindly refer 'Coil Voltage Master Table' at page 29



## Industrial DOL Starters with Bravo Contactor & Citation 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 [₹]
BR09DM	0.37/0.50	Citation	0.72-1.14	BRAVO	9 A	3600
BR09EM	0.55/0.75	Citation	1.07-1.70	BRAVO	9 A	3600
BR09FM	0.75/1.0	Citation	1.58-2.50	BRAVO	9 A	3600
BR09GM	1.5/2.0	Citation	2.4-3.8	BRAVO	9 A	3600
BR09HM	2.2/3.0	Citation	3.8-6.0	BRAVO	9 A	3600
BR09JM	3.7/5.0	Citation	6.0-9.3	BRAVO	9 A	3600
BR12JM	3.7/5.0	Citation	6.0-9.3	BRAVO	12 A	3640
BR12KM	5.5/7.5	Citation	8.9-13.5	BRAVO	12 A	3640
BR18KM	5.5/7.5	Citation	8.9-13.5	BRAVO	18 A	3840
BR18LM	7.5/10	Citation	13.2-20	BRAVO	18 A	3980

## 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	POR
CEBGM	0.75/0.55	Freedom	1.3-1.8	Freedom	9 A	
CEBHM	1.0/0.75	Freedom	1.7-2.4	Freedom	9 A	
CEBJM	1.5/1.1	Freedom	2.2-3.1	Freedom	9 A	
CEBKM	2.0/1.5	Freedom	2.8-4.0	Freedom	9 A	
CEBMM	3.0/2.2	Freedom	4.5-6.5	Freedom	9 A	
CEBPM	5.0/3.7	Freedom	7.5-11	Freedom	9 A	
CECPM	5.0/3.7	Freedom	7.5-11	Freedom	12 A	
CECQM	7.5/5.5	Freedom	10-14	Freedom	12 A	
CEDQM	7.5/5.5	Freedom	10-14	Freedom	18 A	
CEDRM	10/7.5	Freedom	13-19	Freedom	18 A	
CECBHM	3.0/2.2	Citation	3.8-6	Freedom	9 A	
CECBJM	5.0/3.7	Citation	6-9.3	Freedom	9 A	
CECCKM	7.5/5.5	Citation	8.9-13.5	Freedom	12 A	
CECDLM	10/7.5	Citation	13.2-20	Freedom	18 A	

## 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	2635	AMLEH-10-SP	3375
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	3355	AMLEN-10	3690
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

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	20A	3485
1P10	NAJLEBW-SP	1 / 0.75	6.0 - 9.3	20A	3485
1P10	NAKLEBW-SP	1.5 / 1.10	8.9 - 13.5	20A	3485
1P10H	NALLEBW-SP	2 / 1.5	13.2 - 20	25A	3555
1P10H	NAMLEBW-SP	3 / 2.2	17.4 - 24	25A	3660

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

HSN CODE : 8536

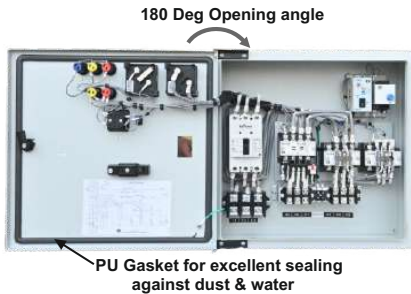


Cat. No.	HP at 3Ø, 415V, 50Hz	Overload Relay Range (A)	Contactor Type	Contactor Rating (AC-3)	MRP [₹]
HASSGLEG	3 HP	2.4 - 3.8	C00N	16 A	9375
HASSHLEG	5 HP	3.8 - 6.0	C00N	16 A	9375
HASSJLEG	10 HP	6.0 - 9.3	C00N	16 A	9375
HASSKLEG	15 HP	8.9 - 13.5	NON	25 A	11880

HSN CODE : 8538

HASSW15	Spare switch for 15 HP MSD Starter	3285
---------	------------------------------------	------

For other Coil Voltages, kindly refer 'Coil Voltage Master Table' at page 29



## 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

## 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)



## 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	13100	--	--	--
2.4 - 3.8	C00N	16 A	CPEYNAGN	13100	CPPYNAGN	19905	6A
3.8 - 6.0	C00N	16 A	CPEYNAHN	13100	CPPYNAHN	19905	10A
6.0 - 9.3	C00N	16 A	CPEYNAJN	13100	CPPYNAJN	19905	16A
8.9 - 13.5	C00N	16 A	CPEYNAKN	13100	CPPYNAKN	19905	25A
13.2 - 20.0	C00N	16 A	CPEYNALN	14190	CPPYNALN	21295	32A
17.4 - 24.0	N0N	25 A	CPEYNAMN	15790	CPPYNAMN	24240	40A
23.0 - 32.0	N01N	32 A	CPEYNA01PN	17650	--	--	--

## 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	27000	--	--	--
6.0 - 9.3	C00N	16 A	CPSDEYJN	27000	CPSPDYJN	31950	32A
8.9 - 13.5	C00N	16 A	CPSDEYKN	27000	CPSPDYKN	31950	40A
13.2 - 20.0	C00N	16 A	CPSDEYLN-C00	27485	CPSPDYLN-C00	33170	50A
17.4 - 24.0	CP20	20 A	CPSDEYMN-CP20	30045	--	--	--
13.2 - 20.0	N0N	25 A	CPSDEYLN	35100	CPSPDYLN	42780	50A
17.4 - 24.0	N0N	25 A	CPSDEYMN	36975	CPSPDYMN	46225	63A
23.0 - 32.0	N01N	32 A	CPSDEY01PN	46395	CPSPDY01N	50800	63A
22.0 - 30.0	N1N	40 A	CPSDEYNN	56465	CPSPDYNN	62645	80A/10kA
26.0 - 40.0	N1N	40 A	CPSDEYQN	57290	CPSPDYQN	63515	80A/10kA
24.4 - 39.0	N1N	40 A	CPSDEYCT1N	64925	CPSPDYCT1N	75345	100A/10kA
37.6 - 60.0	Citation E	70 A	CPSDEYCT2M	110490	CPSPDYCT2M	123205	125A/10kA
56.4 - 90.0	Citation E	70 A	CPSDEYCT3M	118600	CPSPDYCT3M	126380	125A/10kA
56.4 - 90.0	Citation M-5	110 A	CPSDEYCT3M	157755	CPSPDYCT3M	169675	125A/ 36/18kA
84.6 - 135.0	Citation M-5	110 A	CPSDEYCT4M	162735	CPSPDYCT4M	182160	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.	MRP [₹]
2.4 - 3.8	Shakti		20 A	CPEYSAGZ	12095
3.8 - 6.0	Shakti		20 A	CPEYSAHZ	12095
6.0 - 9.3	Shakti		20 A	CPEYSAJZ	12095
8.9 - 13.5	Shakti		20 A	CPEYSAKZ	12095
13.2 - 20.0	Shakti		20 A	CPEYSALZ	13380
17.4 - 24.0	Shakti		20 A	CPEYSAMZ	14075

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 29

## 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	12270	CPPYNBFN	15540	10A
CITATION P10	2.4 - 3.8	16 A	N & G	CPEYNBGN	12270	CPPYNBGN	15540	10A
CITATION P10	3.8 - 6	16 A	N & G	CPEYNBHN	12270	CPPYNBHN	15540	10A
CITATION P10	6 - 9.3	16 A	N & G	CPEYNBJN	12270	CPPYNBJN	15600	16A
CITATION P10	8.9 - 13.5	16 A	N & G	CPEYNBKN	12440	CPPYNBKN	15600	25A
CITATION P10	13.2 - 20	16 A	N & G	CPEYNBLN	12810	CPPYNBLN	16315	32A
CITATION P10B	13.2 - 20	20 A	N & G	CPEYNBL2N	13000	CPPYNBL2N	16815	40A
CITATION P10H	17.4 - 24	25 A	N & G	CPEYNBMN	14090	CPPYNBMN	18080	40A
CITATION P10H	23 - 32	25 A	N & G	CPEYNBPN	15040	CPPYNBPN	19035	50A
CITATION P11	23 - 32	32A	N & WB	CPEYNBP01N	15345	CPPYNBP01N	20220	63A
CITATION P11	26 - 40	32A	N & WB	CPEYNBQ01N	15555	CPPYNBQ01N	20415	63A
CITATION P12	26 - 40	40A	N & WB	CPEYNBQN	16715	CPPYNBQN	21530	63A

For spare contactor refer page 28

## 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	CPSDEYNBJN	23955	CPSDPYNBJN	26720	32A
CITATION P20	8.9 - 13.5	16 A	N & G	CPSDEYNBKN	23955	CPSDPYNBKN	27405	40A
CITATION P20	13 - 20	16 A	N & G	CPSDEYNBLN	24705	CPSDPYNBLN	27605	50A
CITATION P20A	13.2 - 20	20 A	N, LV & G	CPSDEYNBL2N	25485	CPSDPYNBL2N	29730	63A
CITATION P20A	17.4 - 24	20 A	N, LV & G	CPSDEYNBM2N	25500	CPSDPYNBM2N	29895	63A
CITATION P20B	23 - 32A	25 A	N, LV & G	CPSDEYNBPN	30680	CPSDPYNBPN	38840	63A
CITATION P20H	22 - 30A	32 A	N & WB	CPSDEYNB01NN	31410	CPSDPYNB01NN	38970	63A
CITATION P20H	23 - 32A	32 A	N & WB	CPSDEYNB01PN	31425	CPSDPYNB01PN	39730	63A
CITATION P20H	26 - 40A	32 A	N & WB	CPSDEYNB01QN	32365	CPSDPYNB01QN	43160	80A/10kA
CITATION P21	26 - 40A	40 A	N & WB	CPSDEYNBQN	40470	CPSDPYNBQN	53640	80A/10kA
CITATION P21	36 - 52A(FR OLR)	40 A	N & WB	CPSDEYNBFRGDN	50855	-	-	-

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

## Range Extension

HSN CODE : 8536



Type	Overload Relay Range (A) (Freedom OLR)	Contactor Rating (AC-3) (Citation 3P)	Coil	Cat. No.	MRP [₹]
Citation P32	22 - 32	32 Amp	M	CPSDEYNBC4FRGBM	51380
Citation P40	36 - 52	40 Amp	M	CPSDEYNBDFRGM	54375
Citation P50	45 - 63	50 Amp	M	CPSDEYNBD1FRGEM	65500
Citation P70	36 - 52	70 Amp	M & LA	CPSDEYNBEFRGM	93510
Citation P70	45 - 63	70 Amp	M & LA	CPSDEYNBEFRGEM	96320
Citation P70	60 - 80	70 Amp	M & LA	CPSDEYNBEFRGFM	99595
Citation P100	60 - 80	110 Amp	M & LA	CPSDEYNBM5FRGFM	127620

For spare contactor refer page 28

## 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	11195
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	20 A	CPEYSBKZ		11360
SHAKTI P10	13.2 - 20		CPEYSBLZ		12470
SHAKTI P10	17.4 - 24		CPEYSBMZ	13120	

\*For spare Contactor refer page 28

## 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	POR
NAAHBW-SP	0.75 / 0.55	3.8 - 6.0	2P CPG	12A	
NAHBW-SP	0.75 / 0.55	3.8 - 6.0	2P CPG	16A	
NAAJBW-SP	1 / 0.75	6.0 - 9.3	2P CPG	12A	
NAJBW-SP	1 / 0.75	6.0 - 9.3	2P CPG	16A	
NAKBW-SP	1.5 / 1.10	8.9 - 13.5	2P CPG	16A	
NAALBW-SP	2 / 1.5	13.2 - 20.0	2P CPG	20A	
NALBW-SP	2 / 1.5	13.2 - 20.0	2P CPG	25A	
NAMBW-SP	3 / 2.2	17.4 - 24.0	2P CPG	25A	

## 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	1095
BCHSPP2N	BCHSPP2BKN	SPP Pro (6 wire), 380-415V AC	
BCHSPP2CW	BCHSPP2BKCW	SPP Pro (6 wire), 260-440V AC	
BCHSPP2Z-7W	BCHSPP2BKZ-7W	SPP Pro (7 wire), 230-400V AC	
BCHSPP2N-7W	BCHSPP2BKN-7W	SPP Pro (7 wire), 380-415V AC	
BCHSPP2CW-7W	BCHSPP2BKCW-7W	SPP Pro (7 wire), 260-440V AC	

## 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	7040
0.75 HP	3.8 - 6.0	16 Amp	CPNSHBW-SP	25	80/100	7130
			CPNSHBW-SP(RC36)	36	80/100	7190
			CPNSHBW-RC25-SC120	25	100/120	7360
			CPNSHBW-RC30-SC200	30	150/200	8325
1 HP	6.0 - 9.3	12 Amp	CPNSJBW-SPE	36	100/120	7315
1 HP	6.0 - 9.3	16 Amp	CPNSJBW-SP	36	100/120	7365
			CPNSJBW-RC20SC100	20	80/100	7320
			CPNSJBW-RC25SC100	25	80/100	7425
			CPNSJBW-RC50SC100	50	80/100	7640
			CPNSJBW-RC60SC150	60	120/150	7995
			CPNSJBW-RC72SC150	72	120/150	8170
			CPNSJBW-SP(RC30)	30	100/120	7425
			CPNSJBW-SP(RC50)	50	100/120	7425
			CPNSJBW-SP(SC100)	36	80/100	7935
			CPNSJBW-RC36-SC200	36	150/200	8480
1.5 HP	8.9 - 13.5	12 Amp	CPNSKBW-SPE	50	120/150	8050
1.5 HP	8.9 - 13.5	16 Amp	CPNSKBW-SP	50	120/150	8035
			CPNSKBW-RC30SC120	30	100/120	7920
			CPNSKBW-RC36SC120	36	100/120	7945
			CPNSKBW-SP(RC36)	36	120/150	7995
			CPNSKBW-SP(RC72)	36+36	120/150	8245
CPNSKBW-RC50-SC200	50	150/200	8790			
2 HP	13.2 - 20.0	16 Amp	CPNSLBW-SP	72	150/200	8600
			CPNSLBW-SP(2RC36)	36+36	150/200	8815
			CPNSLBW-RC100SC150	100	120/150	8665
			CPNSLBW-RC90SC150	45+45	120/150	8830
			CPNSLBW-SP(SC150)	72	120/150	8830
CPNSLBW-RC72SC250	72	200/250	9315			
3 HP	17.4 - 24.0	20 Amp	CPNSMBW-SPE	100	200/250	9325
3 HP	17.4 - 24.0	25 Amp	CPNSMBW-SP	100	200/250	9960
			CPNSMBW-SP(2RC50)	50+50	200/250	10345
3 HP	22.0 - 30.0	25 Amp	CPNSNBW-SP	100	200/250	10825
			CPNSNBW-SP(2RC50)	50+50	200/250	11130
5 HP	23.0 - 32.0	32 A & 12 A	CPNSPBW-SPE	100+50	200/250	14345
5 HP	23.0 - 32.0	40 A & 16 A	CPNSPBW-SP	100+50	200/250	14440
			CPNSPBW-SP(3RC50)	50+50+50	200/250	14785
5 HP	23.0 - 32.0	40 Amp	CPNSPBW-SPH	100+50	200/250	12380
			CPNSPBBW-SPH	100+50	200/250	12380
			CPNSPBW-SPH(3R50)	50+50+50	200/250	12380
			CPNSPBBW-SPH(3R50)	50+50+50	200/250	12380
5 HP	28.0 - 40.0	40 Amp	CPNSQBBW-SPH	100+50	200/250	13010
			CPNSQBW-SPH	100+50	200/250	13010
			CPNSQBBW-SPH(3R50)	50+50+50	200/250	13010
			CPNSQBW-SPH(3R50)	50+50+50	200/250	13010

\*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"

## 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.	Run Capacitor (mfd)	Start Capacitor (mfd)	MRP [₹]
0.75 HP	3.8 - 6	16 Amp	CPGNSHBW-SP	25	80-100	6460
1 HP	6 - 9.3	16 Amp	CPGNSJBW-SP	36	100-120	6575
			CPGNSJBBW-SP	36	100-120	
			CPGNSJBW-SP(RC50)	50	100-120	
			CPGNSJBBW-SP(RC50)	50	100-120	
			CPGNSJBW-RC50SC100	50	80-100	
1.5 HP	8.9 - 13.5	16 Amp	CPGNSKBW-SP	50	120-150	7075
			CPGNSKBBW-SP	50		
			CPGNSKBW-SP(RC72)	72		
			CPGNSKBBW-SP(RC72)	72		
2 HP	13.2 - 20	16 Amp	CPGNSLBW-SP	72	150-200	7525
			CPGNSLBBW-SP	72	150-200	
			CPGNSLBW-SP(2RC36)	36x2	150-200	
			CPGNSLBBW-SP(2R36)	36x2	150-200	
			CPGNSLBW-RC90SC150	45X2	120-150	
			CPGNSLBW-R100SC150	100	120-150	
3 HP	17.4 - 24	25 Amp	CPGNSMBW-SP	100	200-250	8210
			CPGNSMBBW-SP	100	200-250	
			CPGNSMBW-SP(2RC50)	50x2	200-250	
			CPGNSMBBW-SP(2R50)	50x2	200-250	
3 HP	22 - 30	25 Amp	CPGNSNBW-SP(2RC50)	50x2	200-250	8625



## 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.	Run Capacitor (mfd)	Start Capacitor (mfd)	MRP [₹]
0.75 HP	3.8 - 6	16 Amp	CPGND1HBW-SP	25	80-100	7000
1 HP	6 - 9.3	16 Amp	CPGND1JBW-SP	36	100-120	7235
			CPGND1JBBW-SP	36		7235
			CPGND1JBW-SP(RC50)	50		7290
			CPGND1JBW-R50S100	50		7500
1.5 HP	8.9 - 13.5	16 Amp	CPGND1KBW-SP	50	120-150	7890
			CPGND1KBBW-SP	50		7890
			CPGND1KBW-SP(RC72)	72		8095
2 HP	13.2 - 20	16 Amp	CPGND1LBW-SP	72	150-200	8445
			CPGND1LBBW-SP	72		8445
			CPGND1LBW-SP-2R36	36x2		8655
			CPGND1LBBW-SP-2R36	36x2		8655
			CPGND1LBW-R90S150	45X2		8670
			CPGND1LBW-R100S150	100	8510	
3 HP	17.4 - 24	25 Amp	CPGND1MBW-SP	100	200-250	9385
			CPGND1MBBW-SP	100		9385
			CPGND1MBW-SP-2R50	50x2		9750
			CPGND1MBBW-SP-2R50	50x2	9750	
3 HP	22 - 30	25 Amp	CPGND1NBW-SP-2R50	50x2	200-250	10320



## 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	4430
0.75 HP	10A	20A	CPD2A07AK10	36	40-60	4430
1 HP	10A	20A	CPD2A10BM10	50	60-80	4455
1 HP	10A	20A	CPD2A10CK10	36	80-100	4455
1 HP	10A	20A	CPD2A10DK10	36	100-120	4490
1 HP	10A	20A	CPD2A10DM10	50	100-120	4550
1.5 HP	16A	20A	CPD2A15DL16	72	100-120	4625
1.5 HP	16A	20A	CPD2A15GM16	50	120-150	4625
1.5 HP	16A	20A	CPD2A15GL16	72	120-150	4705



## Spares for 1-Phase Submersible Pump Starter (CPD)

Cat. No.	Description	MRP[₹]
SPA1A30V300	Digital VA Meter A1, AM30A, VM300V, S-72	780
SPA1VM-CT	CT for Digital VA Meter A1	155
SPARC	Off Push Button Red for 1Ph CPD SPS	305
SPAGC	On Push Button Green for 1Ph CPD SPS	370
SPATB530	Terminal Block 30A 5W for 1Ph CPD SPS	185
CPDN202KL	20A, 2P DP Contactor	Refer latest low voltage switchgear pricelist
SP402MCKL	Coil 170-240V 2P DP Contactor (Bulk Pack of 12 nos.)	

## 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	6440
CPNEJBW-SP	1 HP	6.0 - 9.3	16 Amp	36	100/120	6795
CPNEKBW-SP	1.5 HP	8.9 - 13.5	16 Amp	50	120/150	7425
CPNELBW-SP	2 HP	13.2 - 20.0	16 Amp	36+36	150/200	7915
CPNEMBW-SP	3 HP	17.4 - 24.0	25 Amp	50+50	200/250	9875
CPNEPBW-SP	5 HP	23.0 - 32.0	40 Amp	50+50+50	200/250	14165

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	4900
CPPM50H-25-SP	0.5 / 0.75HP	3.5 - 6.5	25	5580
CPPM60-25-SP	1 HP	6.8 - 11	25	4935
CPPM60-36-SP	1 HP	6.8 - 11	36	4935
CPPM60H-36-SP	1 HP	6.8 - 11	36	5615
CPPM60-50-SP	1.5 HP	6.8 - 11	50	5195
CPPM60H-50-SP	1.5 HP	6.8 - 11	50	5900
CPPM70-36-SP	2 HP	11.0 - 20.0	36	5270
CPPM70-50-SP	2 HP	11.0 - 20.0	50	5270
CPPM70H-50-SP	2 HP	11.0 - 20.0	50	6000



## DOL Starter - 3 Phase

HSN CODE : 8536

Cat. No.	Overload Relay Range (A)	HRC Fuse Rating (EE Type) (max)	MRP [₹]
OISWPGT	2.4 - 3.8	16A	5380
OISWPHT	3.8 - 6.0	20A	5380
OISWPJT	6.0 - 9.3	25A	5380
OISWPKT	8.9 - 13.5	36A	5380
OISWPLT	13.2 - 20.0	50A	5485
OISWPMT	17.4 - 24.0	63A	5935

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 [₹]
OISDAWPJ*	6.0 - 9.3	20A	15255
OISDAWPK*	8.9 - 13.5	32A	15255
OISDAWPL*	13.2 - 20.0	35A	15255
OISDAWPM*	17.4 - 24.0	50A	16315
OISDAWPP*	23.0 - 32.0	63A	17080
OISDAWPQ*	26.0 - 40.0	80A	17405



## 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	13695
OISDSWPK*	8.9 - 13.5	32A	13695
OISDSWPL*	13.2 - 20.0	35A	13695
OISDSWPM*	17.4 - 24.0	50A	14725
OISDSWPP*	23.0 - 32.0	63A	15455
OISDSWPQ*	26.0 - 40.0	80A	15775

## 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	17850
OISDYWPK*	8.9 - 13.5	32A	17850
OISDYWPL*	13.2 - 20.0	35A	17850
OISDYWPM*	17.4 - 24.0	50A	18985
OISDYWPP*	23.0 - 32.0	63A	19865
OISDYWPQ*	26.0 - 40.0	80A	20180

## 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	21945
OISDPYWPM*	17.4 - 24.0	50 A	23090
OISDPYWPP*	23.0 - 32.0	63 A	24145
OISDPYWQP*	26.0 - 40.0	80 A	24470

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

## Spares for Oil Starter

HSN CODE : 8538

Description		MRP [₹]	
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)	OCC	670	
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	1645	
	M, P Relay - OCKSD30	1905	
Auxiliary Contact Kit set for Star Delta Starter	Upto L Relay - OCKSDAUX20	435	
	M, P Relay - OCKSDAUX30	435	
Coil -Main & Delta Contactor	220-400V	OCT	795
	240-400V	OCY	795
	380-415V	OCN	795
Coil -Star Contactor	220-400V	OCT-STAR	490
	240-400V	OCY-STAR	490
	380-415V	OCN-STAR	490
ON-Push Button	OPB-ON	210	
OFF-Push Button	OPB-OFF	210	
Incoming Mounting KIT for 20A	OCTKSD20	225	
Incoming Mounting KIT for 30A	OCTKSD30	310	



### '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*	Refer latest low voltage switchgear pricelist
25	16	CPG216*	
35	20	CPG220*	
40	25	CPG225*	
40	32	CPG232*	
50	40	CPG240*	



### '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*	Refer latest low voltage switchgear pricelist
00	20	16	10	7.5	C00N*	
CP20	30	20	12.5	9.3	CP20N*	
✶CP22	30	22	12.5	9.3	CP22N*	
0	32	25	15	11	N0N*	
01	40	32	20	15	N01N*	
1	50	40	25	18.5	N1N*	

HSN CODE : 8538

Auxiliary Contact Blocks - NHD/CPG	1 NO	001CB10	Refer latest low voltage switchgear pricelist
Auxiliary Contact Blocks - NHD/CPG	1 NO+1NC	001CB11	
Auxiliary Contact Blocks - NHD/CPG	2NO	001CB20	
Auxiliary Contact Blocks - NHD/CPG	2NC	001CB02	

### '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	3860
CA16	20	16	10	7.5	CA16N	4390
CA20	30	20	12.5	9.3	CA20N	5400
✶CA22	30	22	12.5	9.3	CA22N	POR
NA25	32	25	15	11	NA25N	7895
NA32	40	32	20	15	NA32N	11170
NA40	50	40	25	18.5	NA40N	14305

\*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. Aux (2NO+2NC)	MRP [₹]	Cat. No. Aux (1NO+1NC)	MRP [₹]
	AC-3 (A)	HP / KW				
C4	32	20 / 15	C4NE22M	Refer latest low voltage switchgear pricelist	C4NE11M	Refer latest low voltage switchgear pricelist
D	40	30 / 22	MC10DN22M		MC10DN11M	
D1	50	33.5 / 25	MC10D1N22M		MC10D1N11M	
D2	55	33.5 / 25	MC10D2N22M		MC10D2N11M	
E	70	50 / 37	MC10EN22M		MC10EN11M	
E1	75	50 / 37	MC10E1N22M		MC10E1N11M	



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	Refer latest low voltage switchgear pricelist
N	300	140	100 / 75	1 NO + 1 NC	MCE15NN3M7	
S	315	300	220 / 160	1 NO + 1 NC	MCE15SN3M7	

## 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	2805	(Incoming) MC305TB1 (Outgoing) MC305TB3	400
MC305ANA3B	0.30 - 0.48			
MC305ANA3C	0.47 - 0.75			
MC305ANA3D	0.72 - 1.14			
MC305ANA3E	1.07 - 1.70			
MC305ANA3F	1.58 - 2.50			
MC305ANA3G	2.40 - 3.80			
MC305ANA3H	3.80 - 6.00			
MC305ANA3J	6.00 - 9.30			
MC305ANA3K	8.90 - 13.50			
MC305ANA3L	13.20 - 20.0	3100	(Incoming) MC305TB2 (Outgoing) MC305TB3	
MC305ANA3M	17.4 - 24.0	3425		
MC305ANA3N*	22.0 - 30.0	4415		
MC305ANA3P*	23.0 - 32.0	4455		
MC305ANA3Q*	26.0 - 40.0	4835		

\*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	8185
CT2MC305ANA3C	37.6 - 60.0	10565
CT3MC305ANA3C	56.4 - 90.0	11860
CT4MC305ANA3C	84.6 - 135.0	12040
CT5L1MC305ANA3C	112.8 - 180.0	18460
CT5MC305ANA3C	131.6 - 210.0	19065
CT6MC305ANA3C	188.0 - 300.0	21850
CT7MC305ANA3C	263.2 - 420.0	22585
CT8MC305ANA3C	376.0 - 600.0	26215

## 2 Pole Overload Relays ( Direct Mounting )

HSN CODE : 8536



Cat. No.	Overload Relay Range (A)	MRP [₹]
MC307ANA2F	1.58 - 2.50	1280
MC307ANA2G	2.40 - 3.80	
MC307ANA2H	3.80 - 6.00	
MC307ANA2J	6.00 - 9.30	
MC307ANA2K	8.90 - 13.50	
MC307ANA2L	13.20 - 20.0	1480
MC307ANA2M	17.4 - 24.0	1580
MC307ANA2N	22 - 30	1840
MC307ANA2P	23 - 32	1875
MC307ANA2Q	28 - 40	2080

## 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	2235
MC307ANA3K / MC307ANA3K-OS	8.90 - 13.50	2235
MC307ANA3L / MC307ANA3L-OS	13.20 - 20.0	2475
MC307ANA3M / MC307ANA3M-OS	17.4 - 24.0	2740
MC307ANA3N	22.0 - 30.0	3290
MC307ANA3P	23.0 - 32.0	3385

## Spares for Shakti Starters

HSN CODE : 8538

Cat. No.	Description	MRP [₹]
SHB#	Contact Kit 20A (1Aux+3P)**	1860
SHAA	Contact Kit 12A (1Aux+3P)**	1405
SHZ	Coil 190- 400 V	610
SHCC	Contact carrier	135
SHPB	Extended Button Assembly	355
SHCO	Shakti Contactor for DOL 20A	4385
SHACO	Shakti Contactor for Star Delta 16A	4940
SHCOA	Shakti Contactor for DOL 12A	3655
NCPNYAU*-5S or 5M	SPP (for ASX & OISDY)-6 Wire	1095
CPTB630	Terminal Block 30A 6-way (Auto DOL)	385
CPAMS-3P/ASX	Auto Manual Switch 3-pos (Auto DOL)	645
SHA	Contact Kit	POR

# SHB contact kit can only be used in Shakti contactors manufactured from Oct'19 onwards

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

## Spares for Citation M Starters

HSN CODE : 8538

Cat. No.	Description	MRP [₹]
SP100PB3	PB assembly for Citation Starters (Manufactured Before Apr'24)	425
SP100PBC1	PB assembly for Citation Starters (Manufactured from Apr'24 onwards)	425
SP100PBC2	PB assembly for Citation SASD	425
SP100CB	Start actuator Block for DOL	380
SP100CBS	Start actuator Block for SD	380
SP100TB	Terminal Block for Star Delta Starters	380
CPTB975	Terminal Block for SD Starters (40-50 HP)	1140
CPTB9150	Terminal Block 9 way 150Amp	2465
SPSATG	Electronic Timer (Star Delta)	1765
<b>For 250-375 HP SD Starter</b>		
TSFB-R	Push Button (RED)	Refer latest low voltage switchgear pricelist
TSFB-G	Push Button (Green)	
TSFN1	Aux Contact Block(1NO+1NC)	

HSN CODE : 8538

Cat No.	Description	MRP[₹]
SPSRW8	Power Terminal Screw - 4P NHD Contactor	160
SPSRWSD4	Screw (4nos.) for Star Delta Starter	65
SPSRWDOL2	Screw (2nos.) for DOL Starter-Citation/Shakti	45
SPGR2	Gromet (2nos.) for DOL Starter-Citation/Shakti	35

## Spares for 3-Phase Submersible Pump Starter

HSN CODE : 8538

Cat. No.	Description	MRP [₹]
NCPYAU*-5S or 5M	SPP (3 Position SPS)-6 wire	1095
BCHSPP1*-5S or 5M	SPP (6-wire)	1095
BCHSPP2*	SPP Pro (6-wire)	1095
BCHSPP2BK*	SPP Pro for BK Starters (6-Wire)	1095
SPSATWB-30S	Electronic Timer (Star Delta)	1750
CPAM25	Ammeter 25A	765
CPAM50	Ammeter 50A	765
CPAM100	Ammeter 100A	805
CPVM500	Voltmeter 500V	765
CPTB215	Terminal Block 15A 2 way	105
CPTB360	Terminal Block 60A 3 way	295
CPTB660	Terminal Block 60A 6 way	480
CPTB3100	Terminal Block 100A 3 way	975
CPMB	Mounting Bracket Set	200
CPAMS-2P	Auto Manual Switch 2 position	490
CPAMS-3P	Auto Manual Switch 3 position	525
CPVSS	Voltmeter Selector Switch	530
HEA11GM-PB	Start PB ( Green )	275
HEA11RM-PB	Stop PB ( Red )	275
HCB10	Aux Block (1 NO)	Refer latest low voltage switchgear pricelist
HCB01	Aux Block (1 NC)	
CPLED-R240	Incoming LED - RED	275
CPLED-Y240	Incoming LED - YELLOW	275
CPLED-B240	Incoming LED - BLUE	275

## Spares for 1-Phase Submersible Pump Starter

HSN CODE : 8538

Cat. No.	Description	MRP [₹]
ILR-B	"ON" Indication Lamp	110
SPAM-10	Ammeter 10A	765
SPAM-15	Ammeter 15A	765
SPAM-25	Ammeter 25A	765
SPAM-50	Ammeter 50A	765
SPVM-300	Voltmeter 300V	765
CPTB530	Terminal Block 30A 5 way (Mini Version)	195
CPTB530H	Terminal Block 30A 5 way (Contr. Version)	315
CPTB330	Terminal Block 30A 3 way	140
CPTB240	Terminal Block 40A 2 way	205
SPGC	"ON" Push Button for 1-Ph SPS (GREEN)	360
SPRC	"OFF" Push Button for 1-Ph SPS (RED)	295
MC305TB4	Outgoing Side Terminal Block for 23-32A relay	Refer latest low voltage switchgear pricelist

HSN CODE : 8538

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 P series SPS

HSN CODE : 8538

Cat. No.	Description	MRP [₹]
CPRS-ON-OFF	ROCKER SWITCH ON-OFF	105
CPTB210	10A, 2 way TB for P series SPS	100
CPLED-R	LED RED 415V	290
CPLED-A	LED AMBER 415V	290
SP100CBP	Start Actuator block for P series SPS	380
CPAM10-WH, CPAM15-WH, CPAM25-WH, CPAM50-WH	Ammeter with White Bezel (for Shakti P SPS)	765
CPVM500-WH	Voltmeter 500V White Bezel	765

## Spares for 1-ph Dry Run SPS

HSN CODE : 8538

Cat. No.	Description	MRP [₹]
SPDRPH0.75-S1	DRY RUN PROTECTOR S1, 3.8-6.0A, 0.75 HP	1250
SPDRPJ1-S1	DRY RUN PROTECTOR S1, 6.0-9.3A, 1 HP	1250
SPDRPK1.5-S1	DRY RUN PROTECTOR S1, 8.9-13.5A, 1.5 HP	1250
SPDRPL2-S1	DRY RUN PROTECTOR S1, 13.2-20A, 2 HP	1250
SPDRPM3-S1	DRY RUN PROTECTOR S1, 17.4-24A, 3 HP	1250
SPDRPN3-S1	DRY RUN PROTECTOR S1, 22-30A, 3 HP	1250
SPDRPP5-S1	DRY RUN PROTECTOR S1, 23-32A, 5HP	1250
SPDRP-CT-S1	CT FOR DRY RUN PROTECTOR S1	150
SPDRPCONNECTOR-S1	CONNECTOR FOR DRY RUN PROTECTOR S1	85

## Combined Ammeter & Voltmeter

HSN CODE : 9030

Cat. No.	Description	MRP [₹]
CPAM10VM300, CPAM15VM300, CPAM25VM300, CPAM30VM300, CPAM50VM300	Dual meter with 300V voltmeter, size 72x72mm	1045
CPAM10VM500, CPAM15VM500, CPAM30VM500, CPAM60VM500	Dual meter with 500V voltmeter, size 72x72mm	1110
CPAM30-60VM500S72	Dual meter, 30A, 500V, size 72x72mm	1085
CPAM60-120VM500S72	Dual meter, 60A, 500V, size 72x72mm	1165
CPAM30-60VM500S96	Dual meter, 30A, 500V, size 96x96mm	1380
CPAM60-120VM500S96	Dual meter, 60A, 500V, size 96x96mm	1540

## Spare Freedom Overload Relay for Citation P32 to Citation P100

HSN CODE : 8536

Cat. No.	Overload Relay Range (A)	MRP [₹]
MC318GNA3B	22 - 32	Refer latest low voltage switchgear pricelist
MC318GNA3C	29 - 42	
MC318GNA3D	36 - 52	
MC318GNA3E	45 - 63	
MC318GNA3F	60 - 80	

Adaptor for Individual mounting Cat Code- C318F2

## KIT for NHD

HSN CODE : 8538

Contactor Rating (AC-3)	4P KIT	MRP [₹]	1 Aux + 3P KIT	MRP [₹]	1P KIT	MRP [₹]
	Cat Code		Cat. No.		Cat. No.	
12A	SP90E1	Refer latest low voltage switchgear pricelist	SP90E2	1560	SP90E01	465
16A	SP90A1		SP90A2	1985	SP90A01	585
20A	SP90F1		SP90F2	2605	SP90F01	765
25A	SP90B1		SP90B2	4385	SP90B01	1235
32A	SP90D1		SP90D2	5185	SP90D01	1480
40A	SP90C1		SP90C2	6360	SP90C01	1795

\* 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

## KIT for CPG

HSN CODE : 8538

Contactor Rating	Cat. No.	MRP [₹]
12A	CPG122PSP	Refer latest low voltage switchgear pricelist
16A	CPG162PSP	
20A	CPG202PSP	
25A	CPG252PSP	
32A	CPG322PSP	
40A	CPG402PSP	

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

## 2P Contactor

HSN CODE : 8536

Rating	Cat. No.	MRP [₹]
16A	CPGN216*	Refer latest low voltage switchgear pricelist
20A	CPGN220*	
25A	CPGN225*	

## 2P Contactor Kit

HSN CODE : 8538

Rating	Cat. No.	MRP [₹]
16A	CPGN162PSP	Refer latest low voltage switchgear pricelist
20A	CPGN202PSP	
25A	CPGN252PSP	

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

## Spare Coil & Carrier

HSN CODE : 8538

Product	Cat. No.	MRP [₹]
Coil for NHD / CPG	SP90MC*	Refer latest low voltage switchgear pricelist
Carrier for NHD	SP90CC	
Carrier for CPG	CPG2PCC	



## COIL VOLTAGE : MASTER TABLE

PRODUCT	160-220V	170-240V	220-240V	230-360V	260-400V	310-400V	190-400V	230-420V	275-420V	380-415V	415V	440V	550V
WORKING VOLTAGE BAND	136-242V	145-264V	187-264V	196-396V	221-440V	264-440V	162-440V	196-462V	234-462V	323-456V	353-456V	374-484V	468-605V
CPG 2P	BW CPG216	BBW CPG225	H CPG240	-	-	-	-	-	-	N	-	-	-
SHAKTI	-	-	-	-	G	-	Z	ZB	-	N	-	-	-
SHAKTI STAR DELTA	-	-	-	-	G	-	-	-	-	N	-	-	-
NHD 4P	-	-	H	-	G	-	-	MB	MB	N	-	C	D
	-	-	H	LV	G	-	-	MB	MB	N	-	-	D
	-	-	H	LV	-	WB	-	-	-	N	-	C	-
	-	-	H	-	-	WB	-	-	-	N	-	C	-
CITATION	-	-	-	-	-	-	-	-	-	-	M	C	D
	-	-	-	-	-	-	-	-	-	-	M	C	D
FREEDOM SERIES	-	-	-	-	-	-	-	-	-	-	M	C	D
	-	-	-	-	-	-	-	-	-	-	M	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 - B CURVE

HSN Code : 8536

Rated Current	SP	DP	TP	FP
6 - 32A	320	1155	1825	2585
40A	785	1715	2715	3545
63A	835	1935	2835	3675

## MCB - C CURVE

HSN Code : 8536

Rated Current	SP	SPN	DP	TP	TPN	FP
6 - 32A	320	1105	1155	1825	2335	2585
40A	785	1605	1715	2715	3175	3545
63A	835	1815	1935	2835	3375	3675

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	805
	6 units	63A	BCHISODP63	1005
3P	4 units	40A	BCHISOTP40	1555
	4 units	63A	BCHISOTP63	1745
4P	3 units	40A	BCHISOFP40	1775
	3 units	63A	BCHISOFP63	1955



## MCCB

HSN Code : 8536

Icu (Overload Setting)	Rated Current	Cat. No.	MRP [₹]
10kA @ (Fixed)	100, 80 (with spreader terminals)	XFE***P	3770
	100, 80 (without spreader terminals)	XFE***P-WT	3475
	63, 50, 40, 32, 25, 20, 16	XFE***P	3475

## 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	820
		DP, ONE WAY MCB DB	BCHOWMCBDBDP	820
		TP, ONE WAY MCB DB	BCHOWMCBDBTP	890
		FP, ONE WAY MCB DB	BCHOWMCBDBFP	890
MCCB Enclosure	Enclosure only (without MCCB)	F1 MCCB Enclosure	F1EU3P	1535
		F2 MCCB Enclosure	F2EU3P	3320

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.



**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	Also Available in 100 mtrs,500 mtrs 1000 mtrs in drum as well as in wrap packing
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	Also Available in 100 mtrs,500 mtrs 1000 mtrs in drum as well as in wrap packing
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	Also Available in 100 mtrs,500 mtrs 1000 mtrs in drum as well as in wrap packing
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	Also Available in 100 mtrs,500 mtrs 1000 mtrs in drum as well as in wrap packing
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 effective 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 only for a period of 12\* months from the date of invoice or 18 months from the date of manufacturing whichever is later. The Company shall not be liable to give warranty replacement / service for the products damaged due to negligence or wrong application of the product by the customer.

\* Proof of purchase to be retained to avail warranty.

- Power Distribution
- Final Distribution Products
- Industrial Control & Protection
- Industrial Brakes
- Industrial Automation & Safety
- Starters
- Enclosures
- Wires & Cables
- Power Quality & Energy Management
- Electric Motors
- Switchboards & Solutions
- Power Bus Duct

*a strong commitment to serve better always ...*



# BCH ELECTRIC LIMITED



[www.bchindia.com](http://www.bchindia.com)



**1800-103-9262**

[customer care@bchindia.com](mailto:customer care@bchindia.com)

**Visit us at : [www.bchindia.com](http://www.bchindia.com)**

**Registered & Corporate Office :** 1105, New Delhi House, 27, Barakhamba Road, New Delhi - 110 001 Tel. : 91-11- 43673100

**CIN :** U31103DL1965PLC425953, **Customercare No.** 1800-103-9262, **E-mail :** [marketing@bchindia.com](mailto:marketing@bchindia.com)

**Works 1 :** 20/4, Mathura Road, Faridabad - 121 006 (Haryana) Tel. : 0129-4063000/4293000 Fax : 0129-2304016

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

**Sales Offices :**

**Ahmedabad**  
401, Shipil Zeveri,  
Beside Shyamal Iconic,  
Above Westside,  
Shyamal Cross Road,  
Ahmedabad - 380015  
E-mail : [ahmedabad@bchindia.com](mailto:ahmedabad@bchindia.com)

**Bangalore**  
2nd Floor, 130/5,  
K.H. Road (Double road),  
Bangalore - 560 027  
Tel. : 080-41144879 / 22236759  
E-mail : [bangalore@bchindia.com](mailto:bangalore@bchindia.com)

**Bhubaneswar**  
Mallick Commercial  
Complex Plot No., A/69, unit - 3  
Bhubaneswar - 751 001  
Tel. : 0674-2380988  
E-mail : [bhubaneswar@bchindia.com](mailto:bhubaneswar@bchindia.com)

**Chandigarh (Panchkula)**  
SCO -270, 2nd Floor,  
Sector-16, Panchkula  
Haryana-134 113  
Tel. : 0172-5078957 / 5049905  
E-mail : [chandigarh@bchindia.com](mailto:chandigarh@bchindia.com)

**Chennai**  
Flat No. 3A, 3rd Floor,  
Sree Apartments,  
No.508, TTK Road,  
Alwarpet, Chennai 600 018  
Tel. : 044-24337046, 24337047  
E-mail : [chennai@bchindia.com](mailto:chennai@bchindia.com)

**Coimbatore**  
87, Dr. Nanjappa Road,  
Coimbatore - 641 018  
Tel. : 0422-2305311 / 2302599  
E-mail : [coimbatore@bchindia.com](mailto:coimbatore@bchindia.com)

**Delhi 1**  
801, Akash Deep Building,  
26A, Barakhamba Road,  
New Delhi - 110 001  
Tel. : 011-23313878 / 43518200  
E-mail : [delhi1@bchindia.com](mailto:delhi1@bchindia.com)

**Delhi 2**  
710, Deepali Building, 92  
Nehru Place, New Delhi - 110  
019 Tel. : 011-45720334  
E-mail : [delhi2@bchindia.com](mailto:delhi2@bchindia.com)

**Dehradun**  
8, Co-operative Industrial Estate,  
Patel Nagar, Dehradun-248001  
E-mail : [dehradun@bchindia.com](mailto:dehradun@bchindia.com)

**Faridabad**  
20/4, Mathura Road,  
Faridabad - 121 006 (Haryana)  
Tel. : 040-66206263/27890306  
E-mail : [faridabad@bchindia.com](mailto:faridabad@bchindia.com)

**Hyderabad**  
1-8-30348/13/102, Arya One,  
2nd Floor, P. G. Road,  
Secunderabad - 500 003  
Tel. : 040-66206263/27890306  
Fax : 040-66207273  
E-mail : [hyderabad@bchindia.com](mailto:hyderabad@bchindia.com)

**Indore**  
330-331, Indraprastha Tower,  
3rd Floor, 6, M.G. Road,  
Indore - 452 001  
Tel. : 0731-2510011 / 2510012  
E-mail : [indore@bchindia.com](mailto:indore@bchindia.com)

**Jaipur**  
25, Hathroi, Gopalbari,  
Jaipur - 302 001  
Tel. : 0141-2263521  
E-mail : [jaipur@bchindia.com](mailto:jaipur@bchindia.com)

**Jamshedpur**  
A.J. Tower, 2B,  
2nd Floor, R-Road, Bistupur,  
Jamshedpur - 831 001  
E-mail : [jamshedpur@bchindia.com](mailto:jamshedpur@bchindia.com)

**Kolkata**  
Block 1E, 216,  
Acharya Jagadish Chandra Bose  
Road, Kolkata - 700 017  
Tel. : 033-22871728 / 46021884  
E-mail : [kolkata@bchindia.com](mailto:kolkata@bchindia.com)

**Lucknow**  
Shop No. 3, First Floor,  
Tower T-10, Millennium Place IBB - 2,  
Sushant Golf City, Sultanpur Road,  
Lucknow U.P. - 226030  
Tel. : 0522-4025597/4025997  
E-mail : [lucknow@bchindia.com](mailto:lucknow@bchindia.com)

**Ludhiana**  
S.C.O - 18, 2nd Floor,  
Feroze Gandhi Market,  
Ludhiana - 140 001  
Tel. : 0161-5021807/5022808  
E-mail : [ludhiana@bchindia.com](mailto:ludhiana@bchindia.com)

**Madurai**  
12, Parvathi Plaza-3rd Floor,  
70 Feet Road, Ellis Nagar  
Madurai-625016, Tamilnadu  
Email : [madurai@bchindia.com](mailto:madurai@bchindia.com)

**Mumbai**  
A-151, Mittal Tower,  
Nariman Point,  
Mumbai - 400 021  
Tel. : 022-22822947/22850162  
Fax : 022-22822858  
E-mail : [mumbai@bchindia.com](mailto:mumbai@bchindia.com)

**Patna**  
No.703, 7th Floor, Luv Kush  
Tower, Exhibition Road,  
Patna - 800001

**Pune**  
A-605, 6th Floor,  
Kumar Surabhi Building,  
Pune Satara Road,  
Opposite Sai Baba Temple,  
Pune - 411009  
E-mail : [pune@bchindia.com](mailto:pune@bchindia.com)

**Raipur**  
6th Floor, Office No. 607,  
Babylon Capital, Near Oswal  
Petrol Pump, VIP Chowk,  
G.E. Road, Raipur - 492 006  
Tel. : 0771- 4045053  
E-mail : [raipur@bchindia.com](mailto:raipur@bchindia.com)

**Vadodara**  
301, Third Floor, "Florence Classic",  
10, Ashapuri Co-Op. Hsg. Soc. Ltd., Opp. VUDA  
Housing, Near Cow Circle, Akota, Vadodara - 390 020  
Tel. : 0265-2345068/2345069  
Telefax : 0265-2345068,  
E-mail : [vadodara@bchindia.com](mailto:vadodara@bchindia.com)

**Other Branch Locations**

**Cochin :** [cochin@bchindia.com](mailto:cochin@bchindia.com), **Guwahati :** [guwahati@bchindia.com](mailto:guwahati@bchindia.com), **Vishakapatnam :** [vizag@bchindia.com](mailto:vizag@bchindia.com), **Surat :** [surat@bchindia.com](mailto:surat@bchindia.com), **Trichy :** [Trichy@bchindia.com](mailto:Trichy@bchindia.com)

**Resident Engineer Locations**

Agra	Bhopal	Hospet	Kanpur	Muzaffarnagar	Rajahmundry	Silliguri	Varanasi
Ahmednagar	Calicut	Hubli	Karimnagar	Nanded	Ranchi	Solapur	Vijaywada
Ambala	Goa	Idukki	Karnal	Nashik	Rourkela	Srinagar	Vishakapatnam
Anantapur	Gulbarga	Jabalpur	Kota	Panipat	Rudarpur	Trivendrum	Vellore
Ankleshwar	Gurgaon	Jalandhar	Kurnool	Patna	Salem	Tirunelveli	Vilupuram
Aurangabad	Haridwar	Jodhpur	Midnapore	Puducherry	Sikar	Udaipur	Warangal
Bhiwadi	Hisar	Kashipur	Mahua	Rajkot	Silchar	Vapi	Yamunanagar