



# Final Distribution Products



BCH  
ELECTRIC  
LIMITED

## TABLE OF CONTENTS

S/N	Description	Page
01	Product Certification	02
02	MCB (Miniature Circuit Breakers)	03-06
03	MCB - Isolators	07-08
04	RCCB (Residual Current Circuit Breaker)	09-11
06	Distribution Boxes	12-22

## BCH ELECTRIC LIMITED

an ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 company), is today one of the leading manufacturers of low voltage electrical and electronic controls. It is a wholly owned Indian Company with a wide network of global business connections.

The company's strong focus on customer satisfaction is reflected in its wide product range, catering to the requirements of customers in the electrical field. This includes Automation, Switchgear, Enclosures, Brakes and Crane Control Products.

A strong R & D base, state-of-the-art tool design, development and manufacturing capabilities and emphasis on quality has helped the company achieve benchmarks for its products and services.

BCH Electric, as always, remains committed to customer satisfaction and loyalty, and will continue to broaden its portfolio with more services and products to further strengthen its partnership with customers.



# Product Certification



**भारतीय मानक ब्यूरो**  
BUREAU OF INDIAN STANDARDS  
देहरादून शाखा कार्यालय  
DEHRADUN BRANCH OFFICE

Address: UCF Sadan, Ground Floor,  
Block- D, Deep Nagar Road,  
Vishnu Vihar,  
Dehradun - 248001  
Phones: 761777270, 761777278  
E-Mail: [dhbo@bis.gov.in](mailto:dhbo@bis.gov.in)  
Web: <http://www.bis.org.in>  
GST No. 05AAATB0431G1ZH

## पंजीकृत/पावती

हमारा संदर्भ: DHBO/CML- 3169762

दिनांक: .

विषय: प्रमाणन मुहरांकन संख्या सीएम/एल- 3169762 का नवीनीकरण

M/s. BCH Electric Ltd.,  
Plot No. 64-68, Sector-7 IIE,  
Sidcul, Pant Nagar,  
Distt- Udham Singh Nagar,  
Uttarakhand- 263153

महोदय,

1. कृपया अपने ऑनलाइन नवीनीकरण आवेदन का अवलोकन करें।

2. कृपया ध्यान दें कि यह लायसेंस उपरोक्त लिखित अवधि के बाद समाप्त हो जाएगा। अतः आपसे अनुरोध है कि आप अपना लायसेंस नवीनीकरण कराने के लिए आवेदन शुल्क, वार्षिक शुल्क तथा मुहरांकन शुल्क के साथ अगले नवीनीकरण की तिथि से कम से कम एक मास पूर्व ऑनलाइन आवेदन करें।

3. लायसेंस नवीनीकरण के संदर्भ में पृष्ठान्त शीट क्रमांक 15 संलग्न है। इसे कृपया अपने पास उपलब्ध मूल लायसेंस के साथ जोड़ लें।

धन्यवाद

भवदीय,

*(अज्ञेय मौर्या)*  
वैज्ञानिक- सी

संलग्न: यथोक्त



CENTRAL POWER RESEARCH INSTITUTE  
(Member of STL)



## TEST REPORT

Test Report No.	: 2014/STL/540	Dated : 05 AUG 2014
Name and Address of the Customer	: M/s BCH Electric Ltd., Plot No. 64-68, IIE, SIDCUL, Pant Nagar, Distt. Udham Singh Nagar, Uttarakhand	
Name and Address of the Manufacturer	: M/s BCH Electric Ltd., Plot No. 64-68, IIE, SIDCUL, Pant Nagar, Distt. Udham Singh Nagar, Uttarakhand	
Particulars of Sample(s) Tested	: 240A15V, 10A, SP MCBs	
Condition of sample(s) on receipt	: New	
Type	: C	
Designation	: BCHM10SPC10	
Serial Number(s)	: NIL	
Number of Sample(s) Tested	: Three	
CPRI sample code number(s)	: STDSSTL1480352/1, 2, 3	
Sealing of the sample if any	: No	
Particulars of test(s) conducted	: Test of instantaneous tripping & of correct opening of contacts	
Date(s) of Test(s)	: 01/04/2014	
Test(s) in accordance with Standard/specification	: Clause 9.10.2 of IS/IEC:80868-1, 2002 and as per customer's requirement.	
Sampling Plan	: NIL	
Customer's Requirement	: Only Test of instantaneous tripping & of correct opening of contacts was conducted.	
Deviations, if any	: NIL	
Name of the witnessing persons	: Mr. Shahid Khan, Asst. Manager	
Customer's Representatives	: NIL	
Other than Customer's Representatives	: NONE	
Test subcontracted with name and address of the laboratory	: NONE	
Documents constituting this report (in words)	: FIVE	
No. of Sheet(s)	: NIL	
No. of Circulogram(s)	: NIL	
No. of Graph(s)	: NIL	
No. of Photograph(s)	: NIL	
No. of Test Circuit Diagram(s)	: NIL	
No. of drawing(s)	: FOUR	
(LEENA H. ROY) TEST ENGINEER	(S. BHATTACHARYYA) JOINT DIRECTOR	

SWITCHGEAR TESTING & DEVELOPMENT STATION

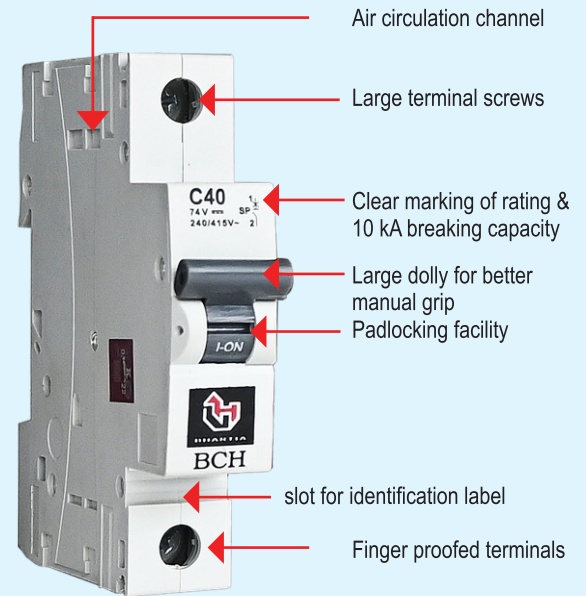
## Miniature Circuit Breaker

### Product Range

- Current ratings : 0.5A - 63A
- Possible configuration : 1P / 1P+N / 2P / 3P / 3P+N / 4P
- Insulation voltage : 690V
- Impulse withstand : 4kV
- Breaking capacity : 10kA
- Terminal capacity : 35 Sq mm (Cu)
- Magnetic tripping curve : B Curve 6-63A & C Curve 0.5-63A
- Compliance with standards : IS/IEC 60898-1 (6A - 63A)  
IS/IEC 60947-2 (0.5A - 5A)
- Operating temperature range : -5°C to +55°C
- Electrical life : Up to 10000 operations  
(IS recommend & certifies 4000 operations)
- Mechanical life : Up to 10000 operations
- Energy Limiting Class : 3

### Salient Features

- Line load interchangeability
- Dual Position Mounting Clip for easy installation
- Fast Tripping
- Current limiting design
- 45mm panel cutout, suitable for standard MCB distribution boards
- Possibility of busbar termination at both ends

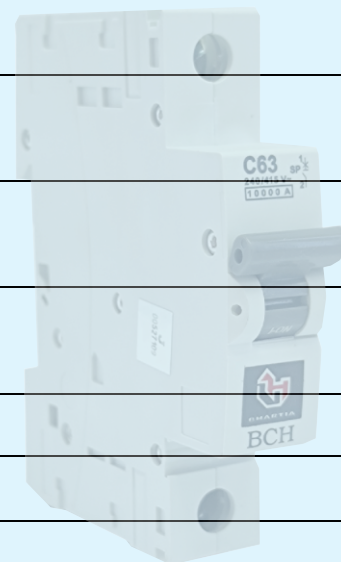


▶▶▶ Suitable for an array of industrial applications ◀◀◀



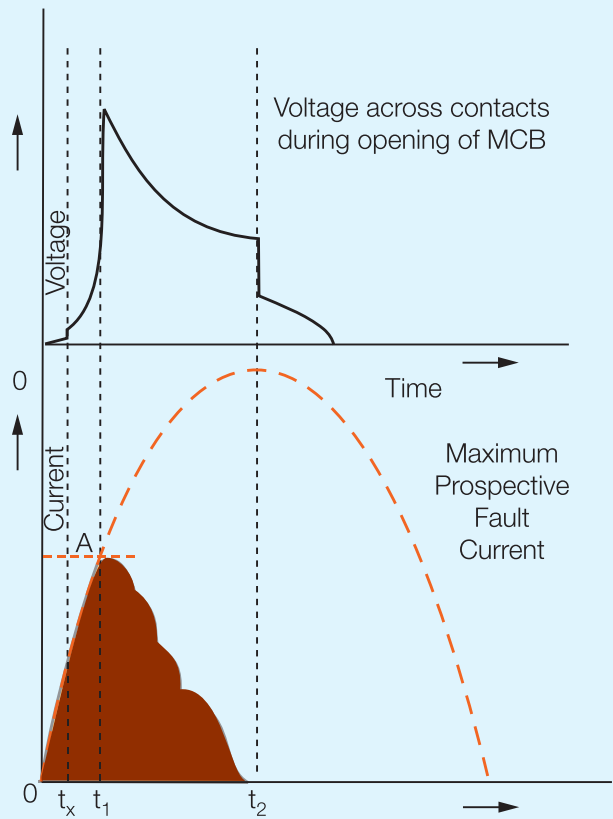
## DC MCB 125V/1Pole, 1.5kA

Features	Specification
<b>General</b>	
Ref Standards	IS/IEC 60898 - II
No of poles	1P
Operating Ambient Temp limits (Climate resistance)	- 5 to + 40 deg C.
<b>Electrical</b>	
Operating Voltage (Ue) Volts	74 V /1P ,125V/1P
Rated Current (Ie) Amps	35A , 40A, 50A, 63A
Frequency (Hz)	DC
Rated thermal Current (Ith)	Equal to Rated Current as per standard.
Rated Insulation Voltage (Ui) Volts	500 V
Rated Impulse Voltage (Uimp) kV	4 kV
Ultimate breaking capacity – 1P (kA)	1 kA /74 V DC
Rated short circuit breaking capacity	1.5 kA / 125V DC
Tripping Characteristics	C
<b>Life</b>	
Mechanical life (cycles)	10,000
Resistance to Shock. According to IEC 60068 -2 -27	30g / 3 Shocks / 11ms
Resistance to Vibration, According to IEC 60068 -2 -6	5g, 20 cycles at 5...150...5 Hz with Load 0.8 In
<b>Aesthetics - Colour</b>	RAL 7035 for body/Cover, Dolly RAL 7016



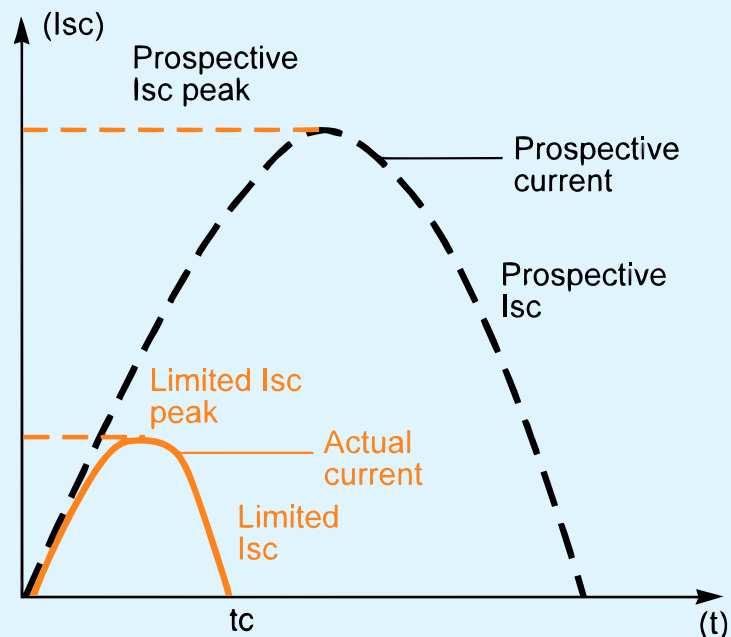
## Current Limiting Design:

Current limitation is a function of how quickly a MCB can react to a short-circuit condition and clear it before the fault current can build up to destructive magnitudes to avoid permanent damage to components and ensure safety.

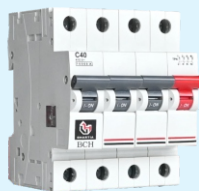


## Energy Limiting Class 3 Certified:

It ensures the lowest possible flow of energy through the circuit in case of fault preventing damage to surrounding and downstream equipment and networks.



HSN Code : 8536



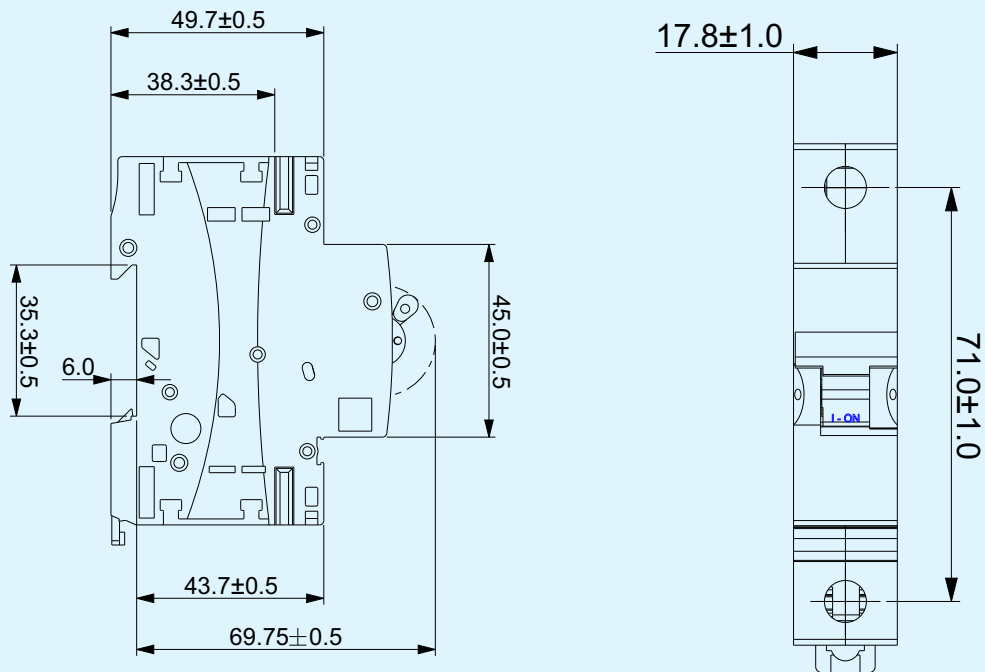
Pole	Standard pack of	Rating	B Curve Cat. No.	C Curve Cat. No.	Rating	Lower Rating Cat. No.
1P	12 units	6A	BCHX10SPB06	BCHX10SPC06	0.5A 1A 2A 3A 4A 5A	BCHX10SPCL5 BCHX10SPC01 BCHX10SPC02 BCHX10SPC03 BCHX10SPC04 BCHX10SPC05
		10A	BCHX10SPB10	BCHX10SPC10		
		16A	BCHX10SPB16	BCHX10SPC16		
		20A	BCHX10SPB20	BCHX10SPC20		
		25A	BCHX10SPB25	BCHX10SPC25		
		32A	BCHX10SPB32	BCHX10SPC32		
		40A	BCHX10SPB40	BCHX10SPC40		
		50A	BCHX10SPB50	BCHX10SPC50		
		63A	BCHX10SPB63	BCHX10SPC63		
1P+N	6 units	6A		BCHX10SNC06		
		10A		BCHX10SNC10		
		16A		BCHX10SNC16		
		20A		BCHX10SNC20		
		25A		BCHX10SNC25		
		32A		BCHX10SNC32		
		40A		BCHX10SNC40		
		50A		BCHX10SNC50		
63A		BCHX10SNC63				
2P	6 units	6A	BCHX10DPB06	BCHX10DPC06	0.5A 1A 2A 3A 4A 5A	BCHX10DPCL5 BCHX10DPC01 BCHX10DPC02 BCHX10DPC03 BCHX10DPC04 BCHX10DPC05
		10A	BCHX10DPB10	BCHX10DPC10		
		16A	BCHX10DPB16	BCHX10DPC16		
		20A	BCHX10DPB20	BCHX10DPC20		
		25A	BCHX10DPB25	BCHX10DPC25		
		32A	BCHX10DPB32	BCHX10DPC32		
		40A	BCHX10DPB40	BCHX10DPC40		
		50A	BCHX10DPB50	BCHX10DPC50		
		63A	BCHX10DPB63	BCHX10DPC63		
3P	4 units	6A	BCHX10TPB06	BCHX10TPC06	0.5A 1A 2A 3A 4A 5A	BCHX10TPCL5 BCHX10TPC01 BCHX10TPC02 BCHX10TPC03 BCHX10TPC04 BCHX10TPC05
		10A	BCHX10TPB10	BCHX10TPC10		
		16A	BCHX10TPB16	BCHX10TPC16		
		20A	BCHX10TPB20	BCHX10TPC20		
		25A	BCHX10TPB25	BCHX10TPC25		
		32A	BCHX10TPB32	BCHX10TPC32		
		40A	BCHX10TPB40	BCHX10TPC40		
		50A	BCHX10TPB50	BCHX10TPC50		
		63A	BCHX10TPB63	BCHX10TPC63		
3P+N	3 units	6A		BCHX10TNC06		
		10A		BCHX10TNC10		
		16A		BCHX10TNC16		
		20A		BCHX10TNC20		
		25A		BCHX10TNC25		
		32A		BCHX10TNC32		
		40A		BCHX10TNC40		
		50A		BCHX10TNC50		
63A		BCHX10TNC63				
4P	3 units	6A	BCHX10FPB06	BCHX10FPC06	0.5A 1A 2A 3A 4A 5A	BCHX10FPCL5 BCHX10FPC01 BCHX10FPC02 BCHX10FPC03 BCHX10FPC04 BCHX10FPC05
		10A	BCHX10FPB10	BCHX10FPC10		
		16A	BCHX10FPB16	BCHX10FPC16		
		20A	BCHX10FPB20	BCHX10FPC20		
		25A	BCHX10FPB25	BCHX10FPC25		
		32A	BCHX10FPB32	BCHX10FPC32		
		40A	BCHX10FPB40	BCHX10FPC40		
		50A	BCHX10FPB50	BCHX10FPC50		
63A	BCHX10FPB63	BCHX10FPC63				

**HSN Code : 8536**



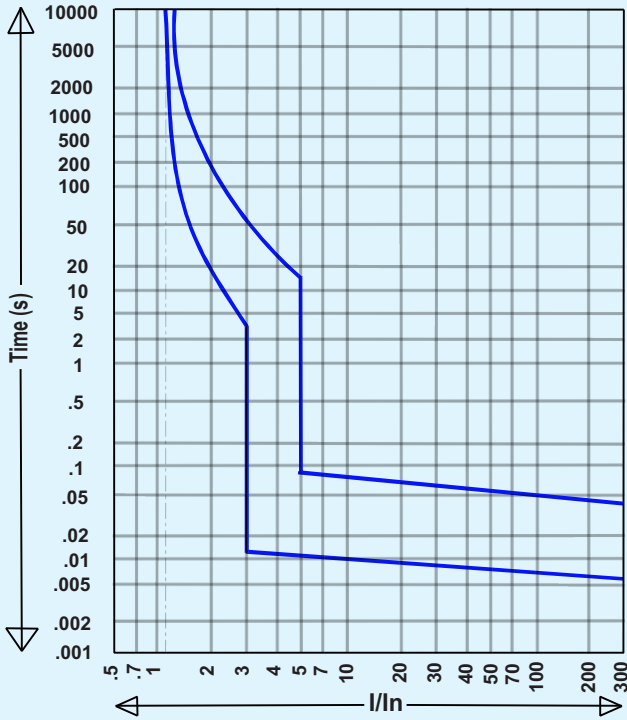
Poles	Standard Pack of	Rating	Cat. No.
2P	6 units	40A	BCHISODP40
	6 units	63A	BCHISODP63
3P	4 units	40A	BCHISOTP40
	4 units	63A	BCHISOTP63
4P	3 units	40A	BCHISOFP40
	3 units	63A	BCHISOFP63

## MCB Installation Dimensions

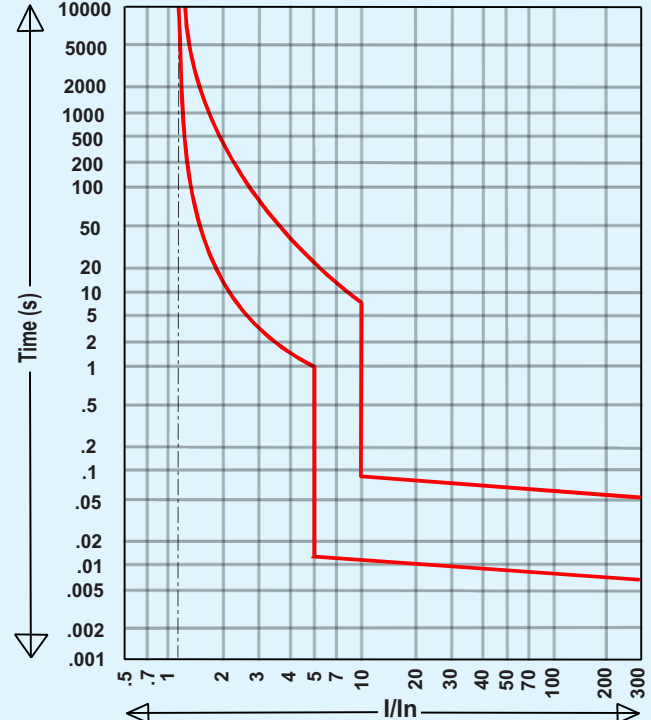




# Tripping Curves



'B' Characteristics



'C' Characteristics

## Low Watt Loss to Save Energy

Comparison w.r.t. IS/IEC - 60898 -1-2002		
Rating (Amp)	As per IS/IEC 60898-1-2002 Maximum Watt Loss	BCH Watt Loss / pole (Watt)
6	3.0W	1.4
10	3.0W	1.95
16	3.5W	2.19
20	4.5W	2.4
25	4.5W	2.9
32	6.0W	4.5
40	7.5W	5
50	7.5W	5.5
63	13.W	6.93

## Residual Current Circuit Breaker

BCH Residual Current Circuit Breaker is an Electrical Safety Device that cuts off the electric supply immediately upon detecting leakage that may result in an electric shock to Human life and damage to electrical installation/property.

It is designed to detect imbalance in the current flowing through the live and neutral conductors, if it senses a difference in current flow, it immediately cuts off the Power supply to avoid shocks and potential fires.

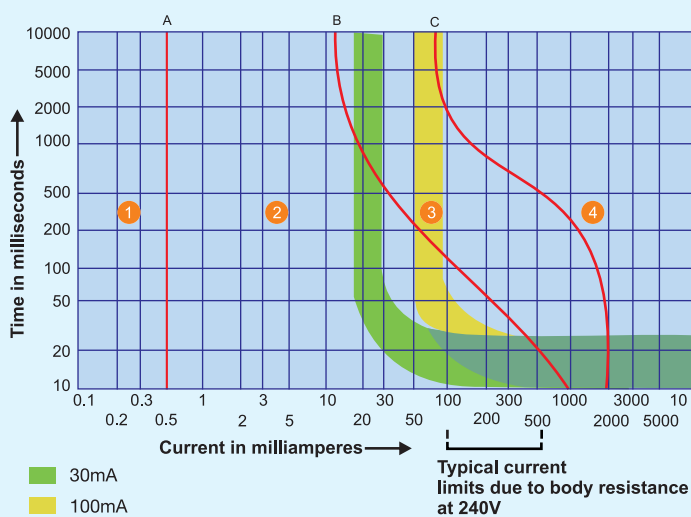
### Zone : Effects

**Zone 1** : Usually no reactions

**Zone 2** : Usually no harmful effects

**Zone 3** : Muscle cramps can occur. There is normally no danger of ventricular fibrillation.

**Zone 4** : Ventricular fibrillation may occur which can be fatal.



### Sensitivity :

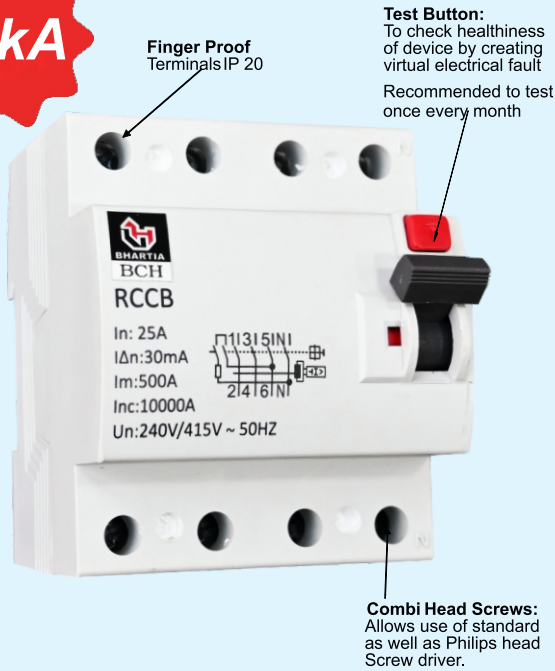
BCH RCCBs are available in three sensitivities

30mA : Provides high level of protection to living being against direct & indirect contact.

100mA : Is suitable for indirect contact and leakage current for larger installations.

300mA : Is less sensitive, suitable for larger installations having high levels of leakage current.

**10kA**



### Technical Parameters :

Parameters		BCH RCCB
Conformance to standards		IS 12640 (Part 1), IEC/EN 61008-1
Range : DP (1P+N)		25A, 40A, 63A
FP (3P+N)		30mA, 100mA, 300mA
Rated Voltage	Un	2P : 240V, 4P : 415V
Rated Impulse withstand voltage (Uimp)		4 KV
Rated Conditional short-circuit current (Inc)		10kA
IP Category		IP20
ISI Marking		Yes

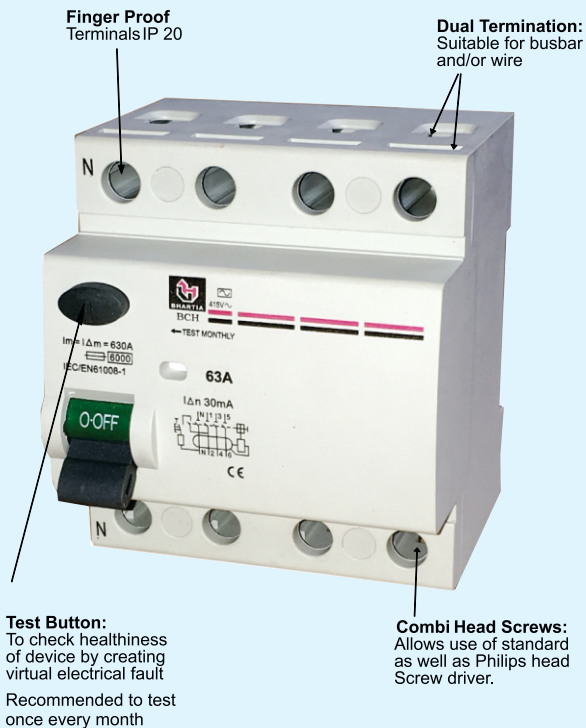
### Range:

- 25A, 40A, 63A - 2P & 4P
- With 30mA, 100mA, 300mA sensitivities.

### Double Pole

### Four Pole

Rating(A)	Sensitivity (mA)	Item Code	Rating(A)	Sensitivity (mA)	Item Code
25	30	BCHRCBR030DPC25	25	30	BCHRCBR030FPC25
	100	BCHRCBR100DPC25		100	BCHRCBR100FPC25
	300	BCHRCBR300DPC25		300	BCHRCBR300FPC25
40	30	BCHRCBR030DPC40	40	30	BCHRCBR030FPC40
	100	BCHRCBR100DPC40		100	BCHRCBR100FPC40
	300	BCHRCBR300DPC40		300	BCHRCBR300FPC40
63	30	BCHRCBR030DPC63	63	30	BCHRCBR030FPC63
	100	BCHRCBR100DPC63		100	BCHRCBR100FPC63
	300	BCHRCBR300DPC63		300	BCHRCBR300FPC63



### Technical Parameters :

Parameters		BCH RCCB
Conformance to standards		IS 12640 (Part 1), IEC/EN 61008-1
Range : DP (1P+N)		25A, 40A, 63A
FP (3P+N)		30mA, 100mA, 300mA
Rated Voltage	Un	2P : 240V, 4P : 415V
Rated Impulse withstand voltage (Uimp)		4 KV
Rated Conditional short-circuit current (Inc)		6kA
IP Category		IP20
ISI Marking		Yes

### Range:

- 25A, 40A, 63A - 2P & 4P
- With 30mA, 100mA, 300mA sensitivities.

### Double Pole

### Four Pole

Rating(A)	Sensitivity (mA)	Item Code	Rating(A)	Sensitivity (mA)	Item Code
25	30	BCHRCB030DPC25	25	30	BCHRCB030FPC25
	100	BCHRCB100DPC25		100	BCHRCB100FPC25
	300	BCHRCB300DPC25		300	BCHRCB300FPC25
40	30	BCHRCB030DPC40	40	30	BCHRCB030FPC40
	100	BCHRCB100DPC40		100	BCHRCB100FPC40
	300	BCHRCB300DPC40		300	BCHRCB300FPC40
63	30	BCHRCB030DPC63	63	30	BCHRCB030FPC63
	100	BCHRCB100DPC63		100	BCHRCB100FPC63
	300	BCHRCB300DPC63		300	BCHRCB300FPC63



BCH offers wide range of compact, aesthetically appealing & elegant distribution boards with unique user friendly features. BCH Distribution Boards are specially designed & engineered to provide safety, convenience & simplicity. BCH Distribution Boards are not only enclosures but a complete system in itself, incorporating switching & safety devices like MCBs, RCCBs, MCCBs & Isolators to give total protection to the living being & electrical installation

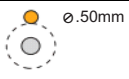
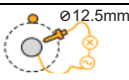


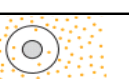

We offer wide variety of distribution boards with unique features:



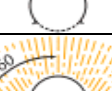
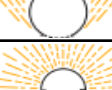


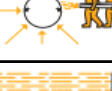

- Elegantly designed compact DBs to suit your requirements
- Suitable for surface & flush mounting
- Raised neutral link for easy wiring
- Detachable din bar with end stoppers for easy assembly of MCBs
- Supplied with fully shielded busbar
- Level marks for providing indication for fitment in wall
- Prominently placed earthing screws on either side
- Supplied with Neutral & Earth Link
- Detachable top & bottom gland plates
- Supplied with masking sheet to protect components from cement during plastering



Ingress Protection Table IP is an important rating for inspection of an enclosure. It defines the amount of Liquid & Solid particulars that penetrate into Electrical equipments. First Digit states the permissible penetration of any solid. While Second Digit indicates the degree of Protection against water ingress.

## INGRESS PROTECTION RATINGS

IP	Tests	
0		No protection
1	 $\varnothing .50\text{mm}$	Protected against solid bodies larger than 50 mm (ef accidental contact with the hand)
2	 $\varnothing 12.5\text{mm}$	Protected against solid bodies larger than 12 mm (eg finger)
3	 $\varnothing 2.5\text{mm}$	Protected against solid bodies larger than 2.5 mm (eg tools, wires)
4	 $\varnothing 1\text{mm}$	Protected against solid bodies larger than 1 mm (eg tools and small wires)
5		Protected against dust (no harmful deposit)
6		Completely protected against dust

IP	Tests	
0		No protection
1		Protected against vertically-falling drops of water (condensation)
2		Protected against drops of water falling at up to 15° from the vertical
3		Protected against drops of rain water at up to 60° from the vertical
4		Protected against projections of water from all directions
5		Protected against jets of water from all directions
6		Protected against jets of water of similar force to heavy seas
7		Protected against the effects of immersion
8		Protected against prolonged effects of immersion under pressure

**NEW**

## Prime Series



No. of Way	Cat. Code (Single Door)	No. of Way	Cat. Code (Double Door)
4 WAY	BCHPSPNSD04W	4 WAY	BCHPSPNDD04W
6 WAY	BCHPSPNSD06W	6 WAY	BCHPSPNDD06W
8 WAY	BCHPSPNSD08W	8 WAY	BCHPSPNDD08W
12 WAY	BCHPSPNSD12W	12 WAY	BCHPSPNDD12W
16 WAY	BCHPSPNSD16W	16 WAY	BCHPSPNDD16W

Type	A	B	C	D	E	F	G	H
<b>SPN</b>								
4 Way	140mm	187mm	226mm	184mm	10mm	24mm	214mm	84mm
6 Way	175mm	223mm	226mm	184mm	10mm	24mm	214mm	84mm
8 Way	212mm	259mm	226mm	184mm	10mm	24mm	214mm	84mm
10 Way	246mm	295mm	226mm	184mm	10mm	24mm	214mm	84mm
12 Way	284mm	330mm	226mm	184mm	10mm	24mm	214mm	84mm
16 Way	353mm	403mm	226mm	184mm	10mm	24mm	214mm	84mm

**NEW**



No. of Way	Cat. Code (Single Door)	No. of Way	Cat. Code (Double Door)
4 WAY	BCHPHTPNSD04W	4 WAY	BCHPHTPNDD04W
6 WAY	BCHPHTPNSD06W	6 WAY	BCHPHTPNDD06W
8 WAY	BCHPHTPNSD08W	8 WAY	BCHPHTPNDD08W
12 WAY	BCHPHTPNSD12W	12 WAY	BCHPHTPNDD12W
16 WAY	BCHPHTPNSD16W	16 WAY	BCHPHTPNDD16W

Type	A	B	C	D	E	F	G	H
<b>TPN</b>								
4 Way	265mm	332mm	410mm	355mm	10mm	24mm	380mm	99mm
6 Way	327mm	395mm	410mm	355mm	10mm	24mm	380mm	99mm
8 Way	400mm	465mm	410mm	355mm	10mm	24mm	380mm	99mm

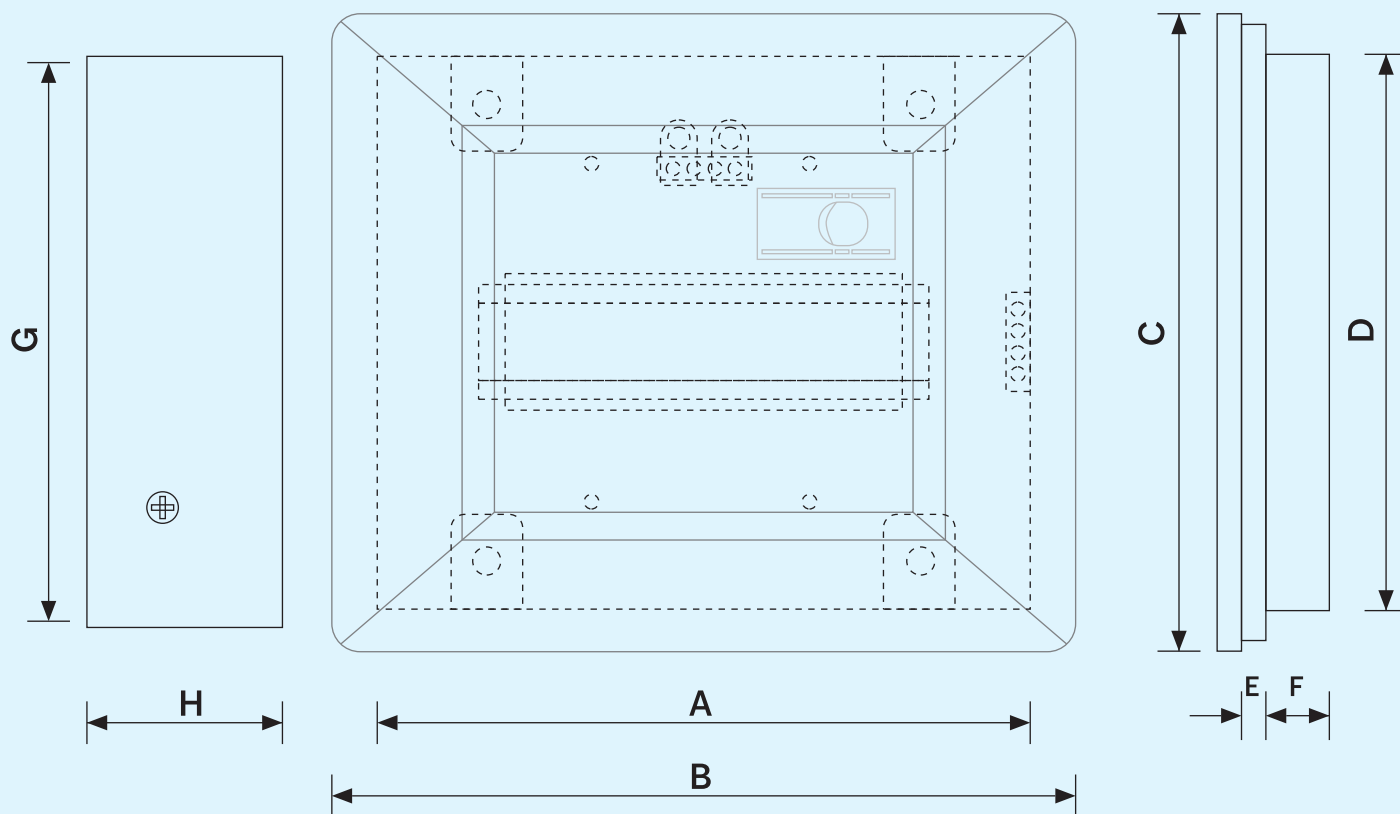
## Cement Guard



\* Provision for Cement Guard available in all above range on request.

## Prime Series

### Dimensions



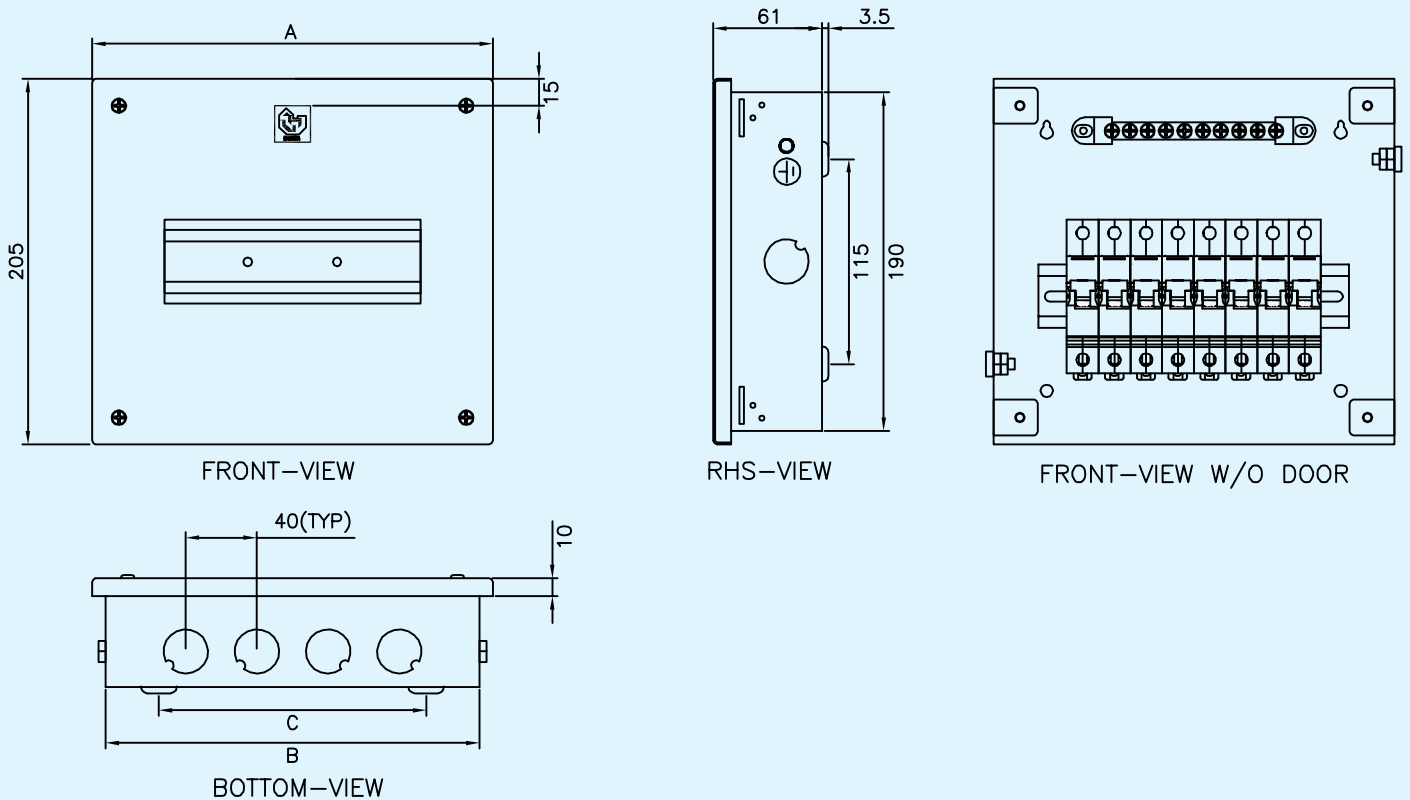


## SPN Distribution Board



No. of Way	Cat. Code (Single Door)
4 WAY	BCHSPNSD04W
6 WAY	BCHSPNSD06W
8 WAY	BCHSPNSD08W
12 WAY	BCHSPNSD12W
16 WAY	BCHSPNSD16W

### Dimensions



ALL DIMENSIONS ARE IN MM					TOP/BOTTOM		EACH SIDE	
CAT CODE	NO. OF WAYS	A	B	C	∅25 Knockout	∅32 Knockout	∅25 Knockout	∅32 Knockout
BCHSPNSD04W	04	154	139	89	03Nos.	----	01Nos.	----
BCHSPNSD06W	06	190	175	130	03Nos.	----	01Nos.	----
BCHSPNSD08W	08	225	209	160	04Nos.	----	01Nos.	----
BCHSPNSD12W	12	296	281	232	06Nos.	----	01Nos.	----
BCHSPNSD16W	16	368	353	304	08Nos.	----	01Nos.	----

**NOTE:-**

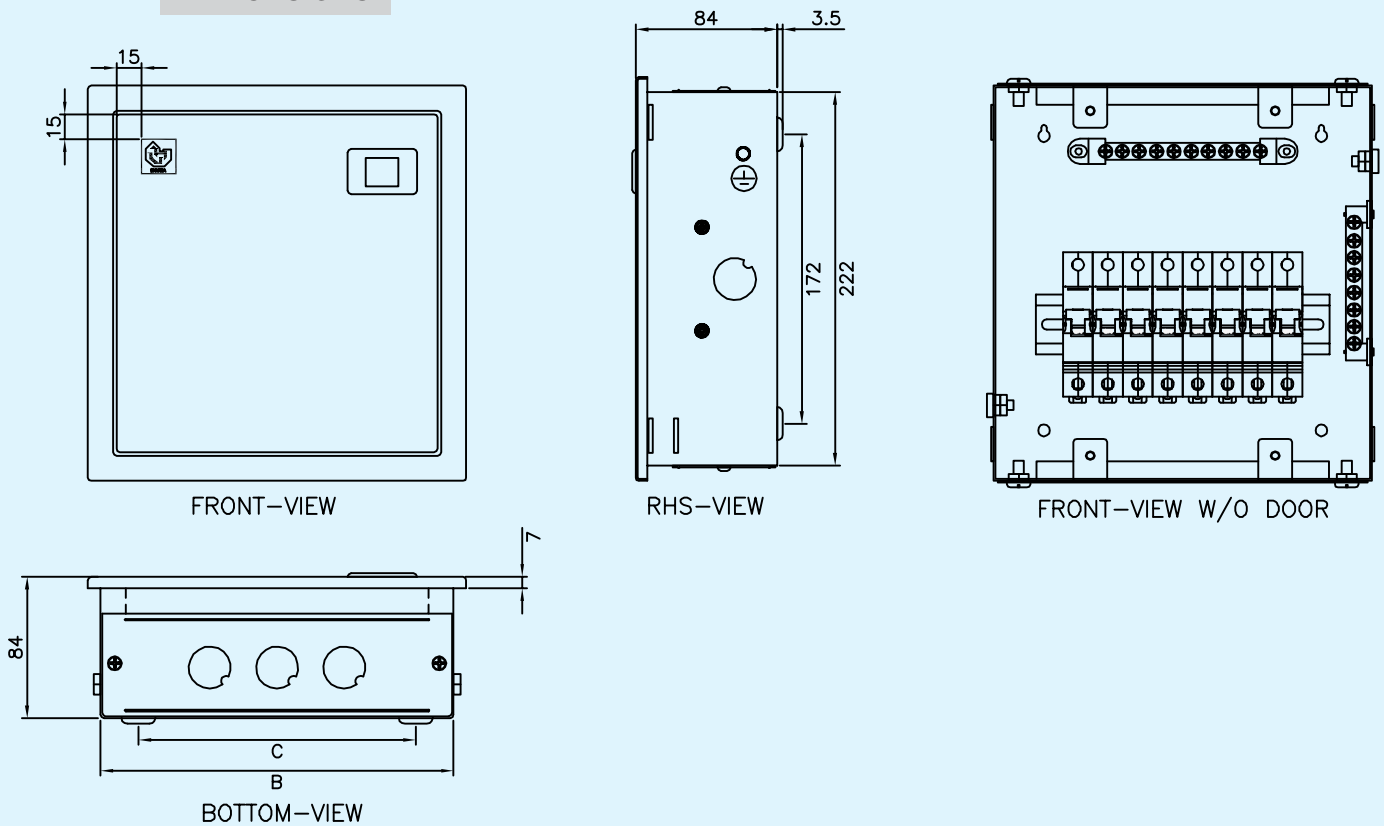
1. MATERIAL:- CRCA SHEET 1.0MM
2. FINISH:- POWDER COATED IN RAL-7035 GLOSSY (MIN 60μ)
3. TOLERANCE:- ±2MM
4. BUSBAR RATED CURRENT 100A
5. MCB's ARE NOT PART OF STANDARD SUPPLY.

## SPN Distribution Board



No. of Way	Cat. Code (Double Door)
4 WAY	BCHSPNDD04W
6 WAY	BCHSPNDD06W
8 WAY	BCHSPNDD08W
12 WAY	BCHSPNDD12W
16 WAY	BCHSPNDD16W

### Dimensions



ALL DIMENSIONS ARE IN MM					TOP/BOTTOM		EACH SIDE	
CAT CODE	NO. OF WAYS	A	B	C	∅25 Knockout	∅32 Knockout	∅25 Knockout	∅32 Knockout
BCHSPNDD04W	04	154	139	94	03Nos.	----	01Nos.	----
BCHSPNDD06W	06	190	175	130	03Nos.	----	01Nos.	----
BCHSPNDD08W	08	225	110	165	04Nos.	----	01Nos.	----
BCHSPNDD12W	12	296	281	236	06Nos.	----	01Nos.	----
BCHSPNDD16W	16	369	354	309	07Nos.	----	01Nos.	----

#### NOTE:-

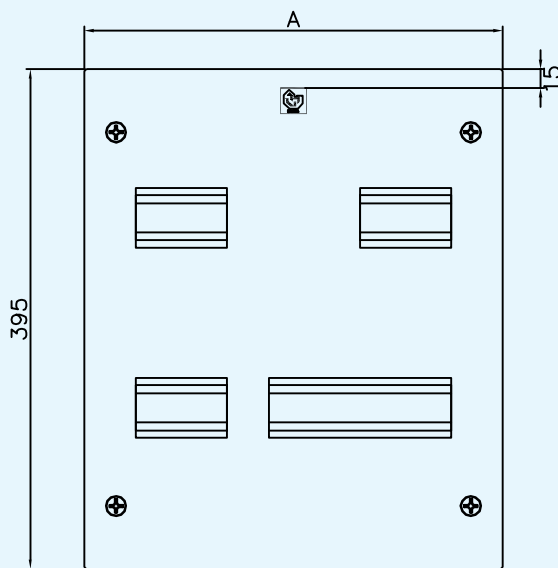
1. MATERIAL:- CRCA SHEET 1.0MM
2. FINISH:- POWDER COATED IN RAL-7035 GLOSSY .
3. TOLERANCE:- ±2MM
4. BUSBAR RATED CURRENT 100A
5. MCB's ARE NOT PART OF STANDARD SUPPLY.

## Horizontal TPN Distribution Board

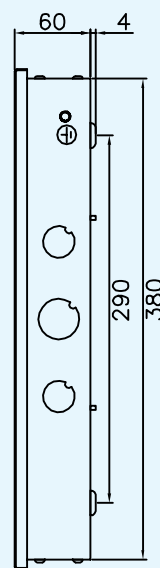


Dimensions

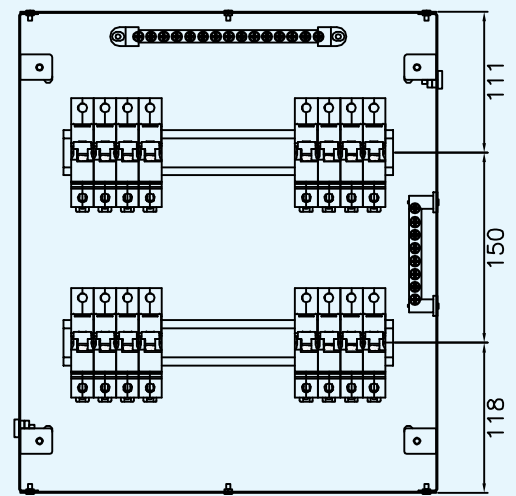
No. of Way	Cat. Code (Single Door)
4 WAY	BCHHTPNSD04W
6 WAY	BCHHTPNSD06W
8 WAY	BCHHTPNSD08W
12 WAY	BCHHTPNSD12W



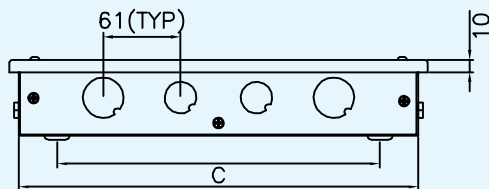
FRONT-VIEW



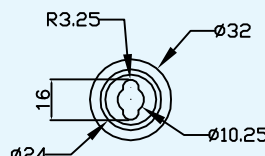
RHS-VIEW



FRONT-VIEW W/O DOOR



BOTTOM-VIEW



MOUNTING HOLE DETAILS

ALL DIMENSIONS ARE IN MM					TOP/BOTTOM		EACH SIDE	
CAT CODE	NO. OF WAYS	A	B	C	∅25 Knockout	∅32 Knockout	∅25 Knockout	∅32 Knockout
BCHHTPNSD04W	04	330	315	245	02Nos.	02Nos.	02Nos.	01Nos.
BCHHTPNSD06W	06	366	351	281	03Nos.	02Nos.	02Nos.	01Nos.
BCHHTPNSD08W	08	415	400	330	04Nos.	02Nos.	02Nos.	01Nos.
BCHHTPNSD12W	12	575	560	456	06Nos.	02Nos.	02Nos.	01Nos.

NOTE:-

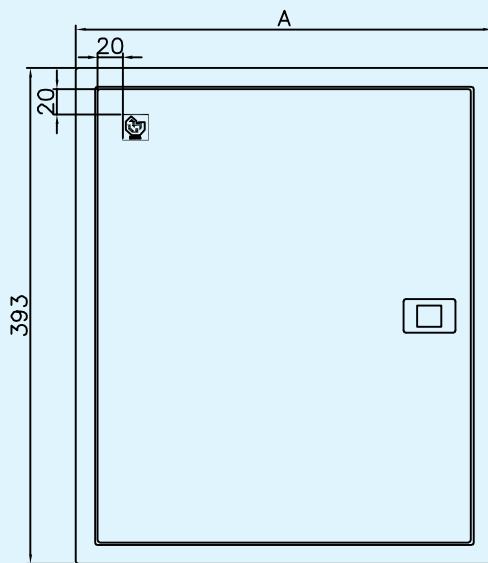
1. MATERIAL:- CRCA SHEET 1.0MM
2. FINISH:- POWDER COATED IN RAL-7035 GLOSSY .
3. TOLERANCE:- ±2MM
4. WIRE SET 10/16mm<sup>2</sup>
5. BUSBAR RATED CURRENT 100A
6. MCB's ARE NOT PART OF STANDARD SUPPLY.

## Horizontal TPN Distribution Board

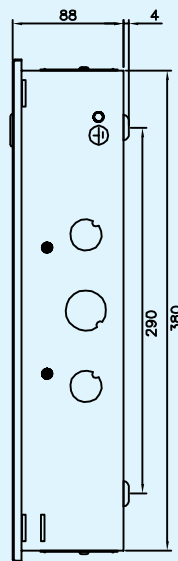


Dimensions

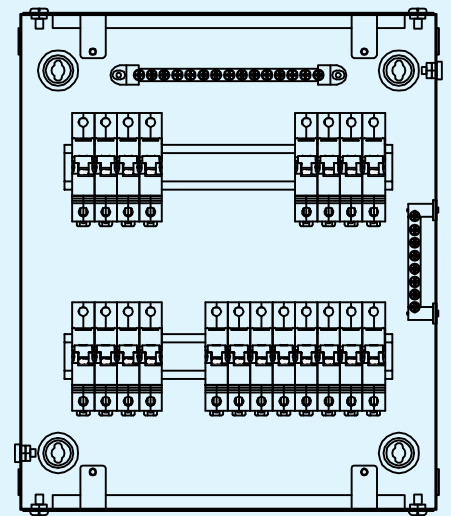
No. of Way	Cat. Code (Double Door)
4 WAY	BCHHTPNDD04W
6 WAY	BCHHTPNDD06W
8 WAY	BCHHTPNDD08W
12 WAY	BCHHTPNDD12W



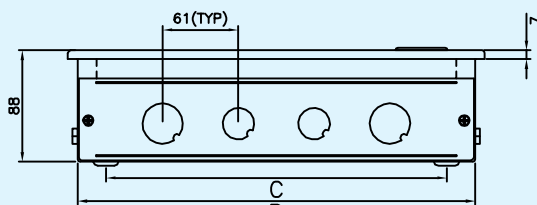
FRONT-VIEW



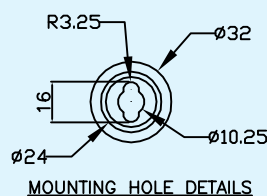
RHS-VIEW



FRONT-VIEW W/O DOOR



BOTTOM-VIEW



MOUNTING HOLE DETAILS

ALL DIMENSIONS ARE IN MM					TOP/BOTTOM		EACH SIDE	
CAT CODE	NO. OF WAYS	A	B	C	∅25 Knockout	∅32 Knockout	∅25 Knockout	∅32 Knockout
BCHHTPNDD04W	04	330	315	245	02Nos.	02Nos.	02Nos.	01Nos.
BCHHTPNDD06W	06	366	351	281	03Nos.	02Nos.	02Nos.	01Nos.
BCHHTPNDD08W	08	415	400	340	04Nos.	02Nos.	02Nos.	01Nos.
BCHHTPNDD12W	12	575	560	490	06Nos.	02Nos.	02Nos.	01Nos.

NOTE.

1. MATERIAL:- CRCA SHEET 1.0MM
2. FINISH:- POWDER COATED IN RAL-7035 GLOSSY .
3. TOLERANCE:- ±2MM
4. WIRE SET 10/16mm<sup>2</sup>
5. BUSBAR RATED CURRENT 100A
6. MCB's ARE NOT PART OF STANDARD SUPPLY.

## Vertical TPN Double Door Distribution Board



No. of Way	Cat. Code (With MCB Incomer)
4 WAY	BCHVTPNDD04W-A
8 WAY	BCHVTPNDD08W-A
12 WAY	BCHVTPNDD12W-A

## Vertical TPN Double Door Distribution Board



No. of Way	Cat. Code (With 125A MCCB Incomer)	Cat. Code (With 250A MCCB Incomer)
4 WAY	BCHVTPNDD04W-B	BCHVTPNDD04W-C
8 WAY	BCHVTPNDD08W-B	BCHVTPNDD08W-C
12 WAY	BCHVTPNDD12W-B	BCHVTPNDD12W-C

## 7 Segment Phase Segregated TPN Double Door Distribution Board



No. of Way	Cat. Code
4 WAY	BCHPHSGDD04W
6 WAY	BCHPHSGDD06W
8 WAY	BCHPHSGDD08W
12 WAY	BCHPHSGDD12W

## Phase Segregated TPN Double Door Distribution Board



No. of Way	Cat. Code (with 40A Rotary Switch)	Cat. Code (with 63A Rotary Switch)
4 WAY	BCHPHSLDD04W-40	BCHPHSLDD04W-63
6 WAY	BCHPHSLDD06W-40	BCHPHSLDD06W-63
8 WAY	BCHPHSLDD08W-40	BCHPHSLDD08W-63
12 WAY	BCHPHSLDD12W-40	BCHPHSLDD12W-63

## Double Door Row Distribution Board



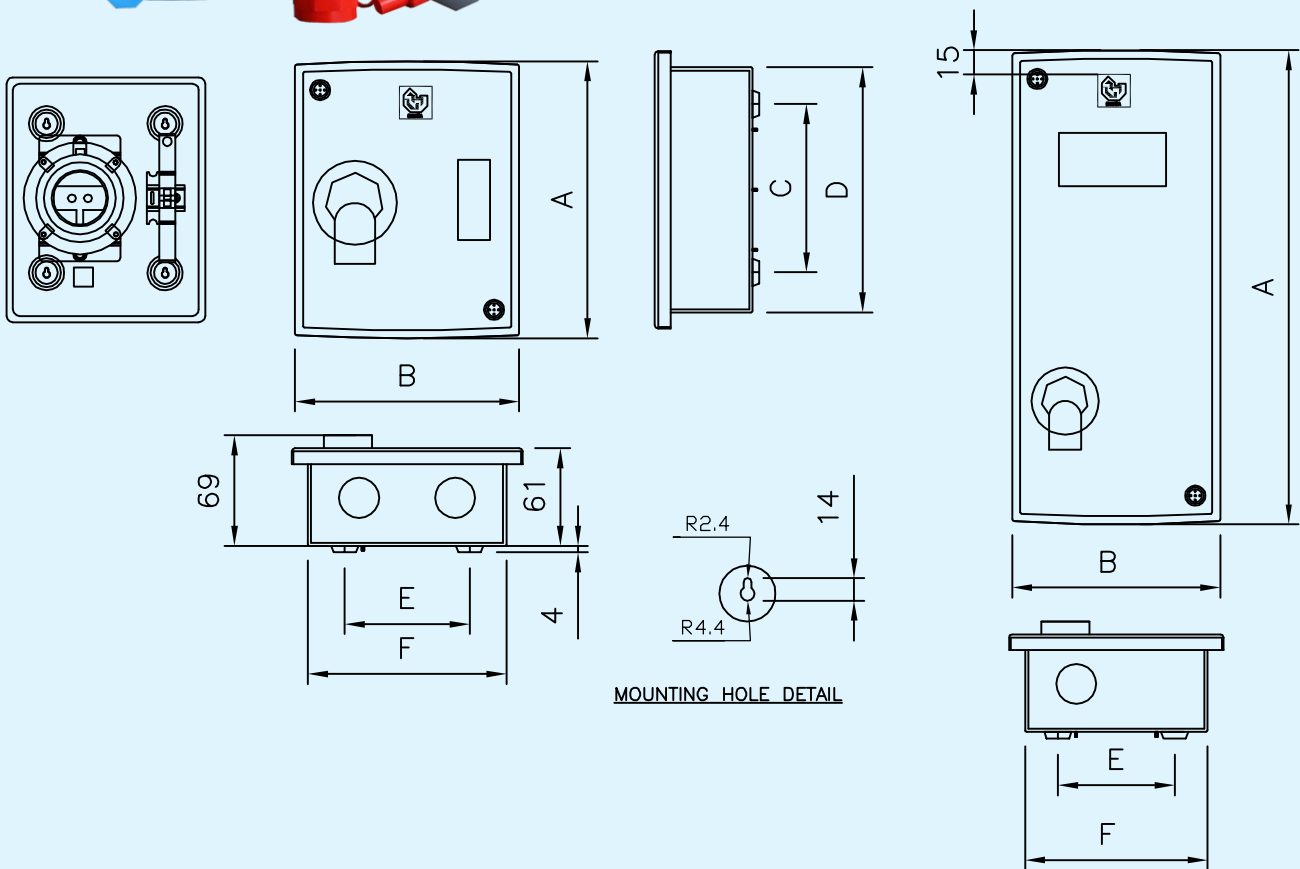
No. of Rows	Cat. Code
2 ROW	BCHROWDB2R13
3 ROW	BCHROWDB3R13
4 ROW	BCHROWDB4R13

\*Dimension details will be provided on request

## Plug & Socket Distribution Board



Rating	Cat. Code
SPN-10A	BCHPSDBSPN10
SPN-20A	BCHPSDBSPN20
TPN-20A	BCHPSDBTPN20
TPN-30A	BCHPSDBTPN30



ALL DIMENSIONS ARE IN MM							TOP	BOTTOM
CAT CODE	A	B	C	D	E	F	∅25 Knockout	∅25 Knockout
BCHPSDBSPN10	169	140	105	153	78	124	2 NOS.	2 NOS.
BCHPSDBSPN20	169	140	105	153	78	124	2 NOS.	2 NOS.
BCHPSDBTPN20	296	130	234	276	73	114	1 NO.	1 NO.
BCHPSDBTPN30	296	130	234	276	73	114	1 NO.	1 NO.

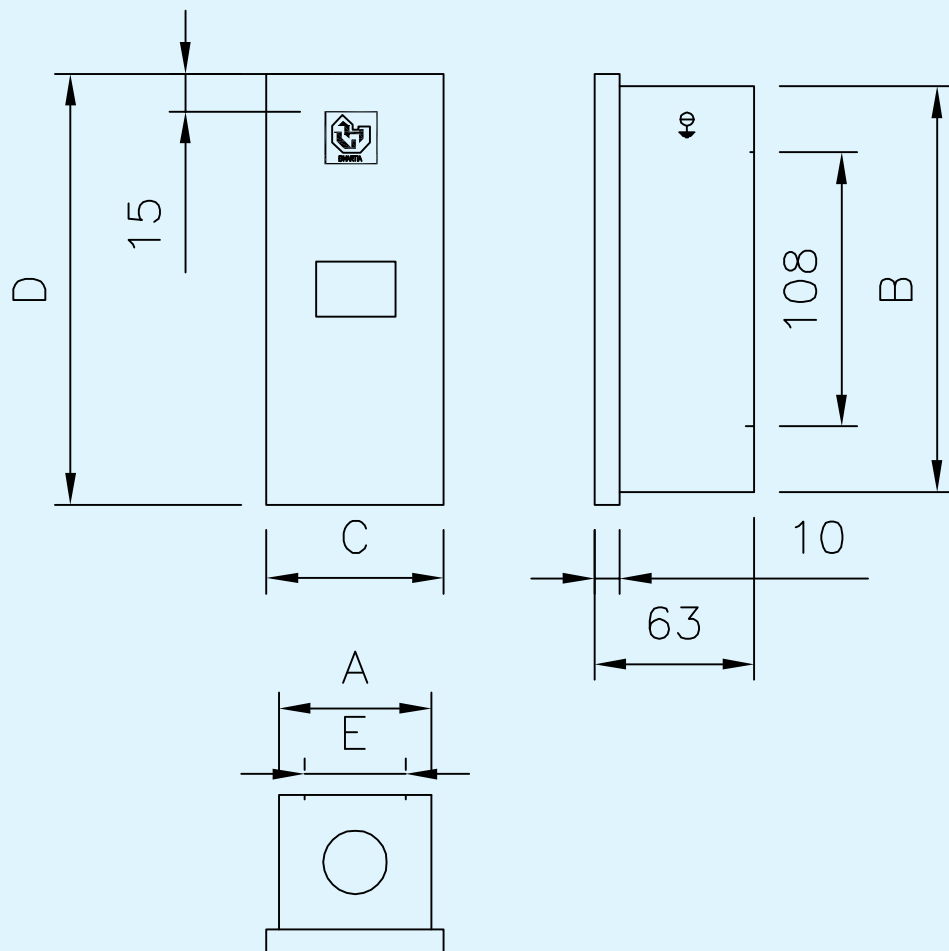
NOTE:—

1. IP 20 DBS.
2. SHEET THICKNESS 1.0 MM
3. FINISH—POWDER COATED RAL 7035 & MARPOL DA GREY MATT 7065

## One Way Distribution Board



Type	Cat. Code
SP	BCHOWMCBDBSP
DP	BCHOWMCBDBDP
TP	BCHOWMCBDBTP
FP	BCHOWMCBDBFP

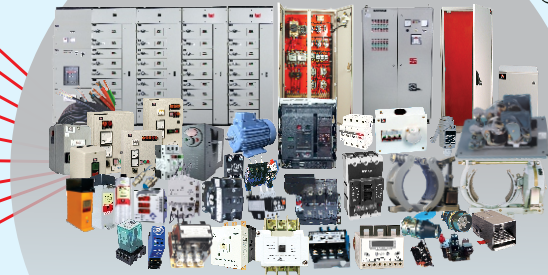


NOCKOUT HOLES ( $\phi 25$ )

ALL DIMENSIONS ARE IN MM						TOP	BOTTOM	SHEET THK.	MCB CUTOUT
CAT CODE	A	B	C	D	E				
BCHOWMCBDBSP	60	160	70	170	30	1	1	1	REC-18X46
BCHOWMCBDBDP	60	160	70	170	30	1	1	1	REC-36X46
BCHOWMCBDBTP	98	180	108	190	62	2	2	1	REC-54X46
BCHOWMCBDBFP	98	180	108	190	62	2	2	1	REC-72X46

Power Control Products
Starters & Submersible Pump Starters
Industrial Enclosures
Industrial Products
Wires & Cables
Motor Control Products
Power Bus Duct
Customised Solution
Automation

a strong commitment to serve better always ...



# BCH ELECTRIC LIMITED



www.bchindia.com



1800-103-9262

customercare@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

**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, Ship Zeveri,  
Beside Shyamal Iconic,  
Above Westside,  
Shyamal Cross Road,  
Ahmedabad - 380015  
E-mail: 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

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

**Chandigarh (Panchkula)**  
SCO -270, 2nd Floor,  
Sector-16, Panchkula  
Haryana-134 113  
Tel.: 0172-5078957 / 5049905  
E-mail: 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

**Coimbatore**  
87, Dr. Nanjappa Road,  
Coimbatore - 641 018  
Tel. : 0422-2305311 / 2302599  
E-mail : 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

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

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

**Faridabad**  
20/4, Mathura Road,  
Faridabad - 121 006 (Haryana)  
Tel.: 0129-4293009  
E-mail : faridabad@bchindia.com

**Hyderabad**  
1-8-303/48/13/102, Arya One,  
2nd Floor, P. G. Road,  
Secunderabad - 500 003  
Tel. : 040-66206263/27890306  
Fax : 040-66207273  
E-mail : 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

**Jaipur**  
25, Hathroi, Gopalbari,  
Jaipur - 302 001  
Tel. : 0141-2363521  
E-mail : jaipur@bchindia.com

**Jamshedpur**  
A.J. Tower, 2B,  
2nd Floor, R-Road, Bistapur,  
Jamshedpur - 831 001  
E-mail : jamshedpur@bchindia.com

**Kolkata**  
Block 1E, 216,  
Acharya Jagadish Chandra Bose  
Road, Kolkata - 700 017  
Tel. : 033-22871728 / 46021884  
E-mail : 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

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

**Madurai**  
12, Parvathi Plaza-3rd Floor,  
70 Feet Road, Ellis Nagar  
Madurai-625016, Tamilnadu  
Email: 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

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

**Pune**  
8, Sarosh Bhavan,  
16-B/1, Dr. Ambedkar Road,  
Pune - 411 001  
Tel. : 020-41210002  
E-mail : 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

**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

**Other Branch Locations**

**Cochin :** cochin@bchindia.com, **Guwahati :** guwahati@bchindia.com, **Vishakapatnam :** vizag@bchindia.com, **Surat :** surat@bchindia.com, **Trichy :** 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