

# MOULDED CASE CIRCUIT BREAKERS



## MCCB X - RANGE

3 Pole & 4 Pole



BCH  
ELECTRIC  
LIMITED

## XF Range - 3 Pole



### Specifications & Features

- Rating : 3Pole 10A-630A
- 3 Frame Sizes-100A, 250A, 630A
- Breaking Capacity : From 10kA to 50kA
- Tested & Certified as per IS/IEC-60947-2
- Complete range C€ marked
- Ics = 100%, 75% and 50%
- Fixed and Variable Thermal Setting
- Suitable for Isolation
- Double insulation for the complete safety
- Line load interchangeability
- Current limiting design
- Frame1(100A) suitable for installation in MCB Distribution Boards
- DIN Rail mounting possible (optional) in Frame 1 (100A)
- Rated at 50° C
- Field Fittable Accessories :
  - UVT, SHUNT, ROH & AUX/ Alarm Contact

XF Range	XF				XF2				XF3						
No. of Pole	3				3				3						
Range	16A - 100A				125A - 250A				320A - 630A						
Thermal Magnetic release	Yes				Yes				Yes						
Microprocessor - LSI	NA				NA				Yes						
Breaking Capacity Icu (kA)	10	15	25	30	36	50	50	25	36	36	36	50	50	36	50
Breaking Capacity Ics (kA)	7.5	15	25	15	18	25	50	25	18	27	36	25	50	36	50

## XG Range - 3 & 4 Pole



### Specifications & Features

- Rating : 3 Pole & 4 Pole 16A-160A
- Thermal magnetic & microprocessor based release
- Breaking Capacity : 36kA & 50kA
- Tested as per IS/IEC-60947-2
- Ics = 100% of Icu
- Suitable for Isolation
- Line load interchangeability
- Wide range of internal & external accessories
  - UVT, SHUNT, ROH & AUX/ Alarm Contact

XG Range	XG1		XG1	
No. of Pole	3		4	
Range	16A - 160A		16A - 160A	
Thermal Magnetic release	NA		Yes	
Microprocessor - LSI / LSI	Yes		Yes	
Breaking Capacity Icu (kA)	36	50	36	50
Breaking Capacity Ics (kA)	36	50	36	50

## XA Range - 4 Pole



### Specifications & Features

- Rating : 4Pole 20A-400A.
- 3 Frame Sizes-125A, 250A, 400A.
- Thermal magnetic release.
- Breaking Capacity : From 18kA, 25kA, 36kA & 50kA.
- Tested as per IS/IEC-60947-2.
- Ics = 50% & 100% of Icu.
- Fixed and Variable Thermal Setting.
- Suitable for Isolation.
- Current limiting MCCBs.
- Line load interchangeability.
- Double Insulation for the complete safety.
- Common depth upto 250A.
- Wide range of internal & external accessories :
  - UVT, SHUNT, ROH & AUX/ Alarm Contact .

XA Range	XA1	XA2	XA3
No. of Pole	4	4	4
Range	20A - 125A	160A - 250A	400A
Thermal Magnetic release	Yes	Yes	Yes
Microprocessor - LSI/G	NA	NA	NA
Breaking Capacity Icu (kA)	18	25   36	50
Breaking Capacity Ics (kA)	18	12.5   18	25

## XB Range - 3 & 4 Pole



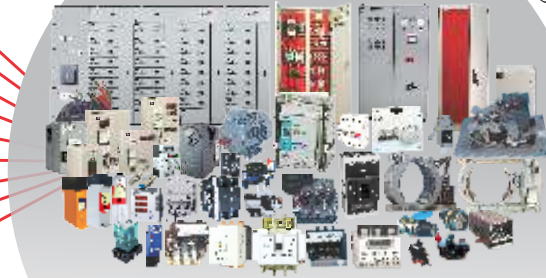
### Specifications & Features

- Rating : 3Pole 100A - 800A & 4Pole 20A-800A.
- 5 Frame Sizes- XB0, XB1, XB2, XB3S, XB3, XB4.
- Thermal magnetic & microprocessor based release.
- Breaking Capacity : 25kA / 36kA / 50kA.
- Tested as per IS/IEC-60947-2.
- Ics = 50% & 100% of Icu.
- Suitable for isolation.
- Suitable for DC application.
- Line load interchangeability.
- Manual, Rotary or Motorised versions.
- Wide range of internal & external accessories.
  - UVT, SHUNT, ROH & AUX/ Alarm Contact.

XB Range	XB0	XB1	XB2	XB3S	XB3	XB4
No. of Pole	4	4	3   4	4	3   4	4
Range	20A - 125A	125A - 250A	100A - 250A	320A - 400A	320A - 630A	800A
Thermal Magnetic release	Yes	Yes	NA   Yes	Yes	NA   Yes	NA
Microprocessor - LSI / LSI/G	NA	NA	Yes   Yes	NA	Yes   Yes	Yes
Breaking Capacity Icu (kA)	25   36	25	36   50	36   50	36   50	50
Breaking Capacity Ics (kA)	25   18	25	36   50	36   50	36   50	50

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# BCH ELECTRIC LIMITED



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**1800-103-9262**

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

**CIN :** U31103WB1965PLC026427, **Customercare No.** 1800-103-9262, **E-mail :** marketing@bchindia.com

**Registered Office :** Block 1E, 216, Acharya Jagadish Chandra Bose Road, Kolkata - 700 017

**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

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E-mail : chennai@bchindia.com

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Tel. : 011-23313878 / 43518200  
E-mail : delhi1@bchindia.com

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Tel. : 011-45720334  
E-mail : delhi2@bchindia.com

#### Dehradun

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Patel Nagar, Dehradun-248001  
E-mail : dehradun@bchindia.com

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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,  
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Indore - 452 001  
Tel. : 0731-2510011 / 2510012  
E-mail : indore@bchindia.com

#### Jaipur

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Tel. : 0141-2363521  
E-mail : jaipur@bchindia.com

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

#### Lucknow

Madan Plaza, 3rd Floor,  
14, Station Road,  
Lucknow - 226 001  
Tel. : 0522-4025597/4025997  
E-mail : lucknow@bchindia.com

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Mumbai - 400 021  
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Fax : 022-22822858  
E-mail : mumbai@bchindia.com

#### Pune

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Pune - 411 001  
Tel. : 020-41210002  
E-mail : pune@bchindia.com

#### Raipur

6th Floor, Office No. 607,  
Babylon Capital, Near Oswal  
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Tel. : 0771- 4045053  
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#### Trichy

2B, Kannagi Street,  
Ayyappa Nagar, K.K.Nagar  
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#### Vadodara

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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

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