

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 CE 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	36	50	
Breaking Capacity Ics (kA)	7.5	15	25	15	18	25	50	25	18	27	36	25	50	36	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	36	50
Breaking Capacity Ics (kA)	36	50	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, 30kA, 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 - LSIG	NA		NA		NA
Breaking Capacity Icu (kA)	18	30	25	36	50
Breaking Capacity Ics (kA)	18	15	12.5	18	25

XB Range - 3 & 4 Pole



Specifications & Features

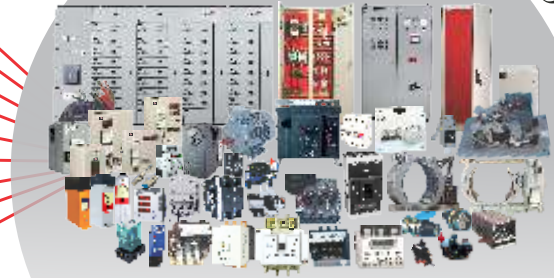
- Rating : 3Pole 100A - 800A & 4Pole 20A-800A.
- 5 Frame Sizes- XB0, XB1, XB2, XB3S, XB3, XB4.
- Thermal magnetic & microprocessor based release.
- Breaking Capacity : 25kA / 36kA / 50kA.
- Tested as per IS/IEC-60947-2.
- Ics = 50% & 100% of Icu.
- Suitable for isolation.
- Suitable for DC application.
- 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	3	4
Range	20A - 125A		125A - 250A		100A - 250A		320A - 400A		320A - 630A		800A - 1250A	
Thermal Magnetic release	Yes		Yes		NA	Yes	Yes		NA	Yes	NA	
Microprocessor - LSI / LSIG	NA		NA		Yes	Yes	NA		Yes	Yes	Yes	
Breaking Capacity Icu (kA)	25	36	25	36	50		36		36	50	50	
Breaking Capacity Ics (kA)	25	18	25	36	50		36		36	50	50	

For higher breaking capacity, please contact nearest branch.

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