

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
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

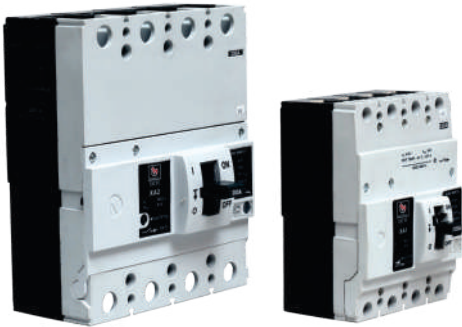


Specifications & Features

- 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, 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 - LSI/G	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

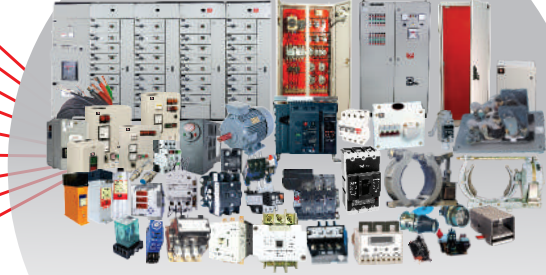
- Rating : 3Pole 100A - 1250A & 4Pole 20A-1250A.
- 5 Frame Sizes- XB0, XB1, XB2, XB3S, XB3, XB4.
- Thermal magnetic & microprocessor based release.
- Breaking Capacity : 25kA / 36kA / 50kA.
- Tested as per IS/IEC-60947-2.
- Ics = 50% & 100% of Icu.
- Suitable for isolation.
- Suitable for DC application.
- 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 / LSI/G	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	

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