



BAHRA LOAD CENTER

Safe, Reliable and High Quality

LOAD CENTER AND CIRCUIT BREAKER WITH
ENCLOSURE CATALOG

25
YEAR WARRANTY

Direct
Immediate
Reliable
At No Cost

800-124-3472

POWERED WITH
EATON[®]
TECHNOLOGY™

SAFE RELIABLE HIGH QUALITY

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BAHRA believes that the only way to sustain for a long time is to provide high quality products and services along with the highest level of customer satisfaction. BAHRA promises to continue enhancing quality and service.

INTRODUCING NEXT GENERATION DIRA LOAD CENTERS

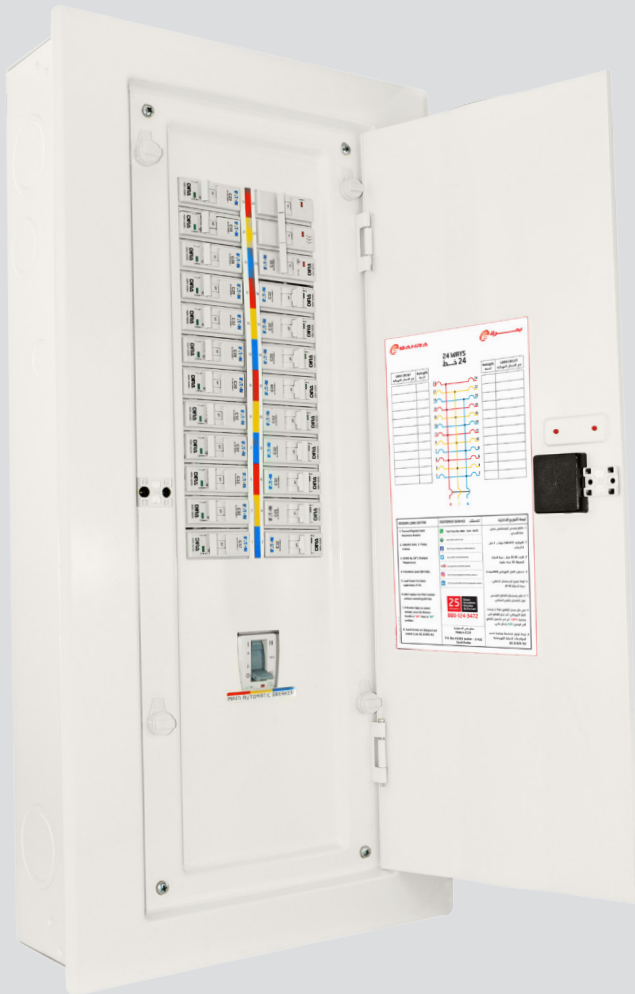


MODERN DESIGN
OPTIMIZED SIZE
ROBUST STRUCTURE
QUICK INSTALLATION TIME

DESIGN PHILOSOPHY

Designers and manufacturers working in industries ranging from computers, mobile phones to automobiles constantly get benefit of advancement in technology. This helps them in creating products with better design, high performance, enhanced usability and more features. This is the philosophy of the development team at BAHRA.

LOAD CENTER DESIGN



SAFETY, DURABILITY & PERFORMANCE

Designed by BAHRA, the Load Centers (LC) use the best selection of materials, cutting edge technology and class leading features to ensure safety, durability and performance.

The remarkable Load Center designs are a result of an extensive effort from a team of some of the best industrial designers in the industry. Advancement in technology has resulted in smaller size, better performance and improved design.

BAHRA Load Centers are used for safe and reliable distribution of electrical power for indoor application in residential and commercial buildings. BAHRA Load Centers are powered by the best selection of international proven quality of breakers by Eaton to provide reliable circuit protection against overload and short circuit.

POWERED WITH



TECHNOLOGY™



DESIGNED BY DIRA
FOR MODERN, ELEGANT AND
IMPACTFUL AESTHETICS



ATTRACTIVE FORM UNIQUE DOOR DESIGN HIDDEN SCREWS

BAHRA delivers unmatched quality and safety with great attention to user experience. These modern and optimized Load Centers come with an attractive form and a unique door design for a remarkable appearance.

BAHRA Load Center has been provided with many unique features those help in reducing human effort, leading to a stress free ownership experience. They allow for easy wire routing, identification and easy maintenance. The optimized size of the product makes transporting and handling easy and also prevents the need of a large pocket in the wall for placing the product. A dedicated and innovative cable management system allows for easy routing and maintenance of Wires, and helps in reducing clutter and provides a visually neat interface.

SPECIAL COLOR AVAILABLE ON REQUEST

For more details please contact customer service at 800-124-3472

LOAD CENTER DESIGN FEATURES



MODERN LOOK, HIDDEN HINGES AND SCREWS

The door along with the curved edges and compact proportions enhance the aesthetics of the Load Center and provide an elegant and modern look. The hidden hinges and screws used in the Load Center provide a visually neater look and interface. Thus imparting a modern and elegant look to the product and to stand out from the competition.



INNOVATIVE DOOR CLOSING MECHANISM

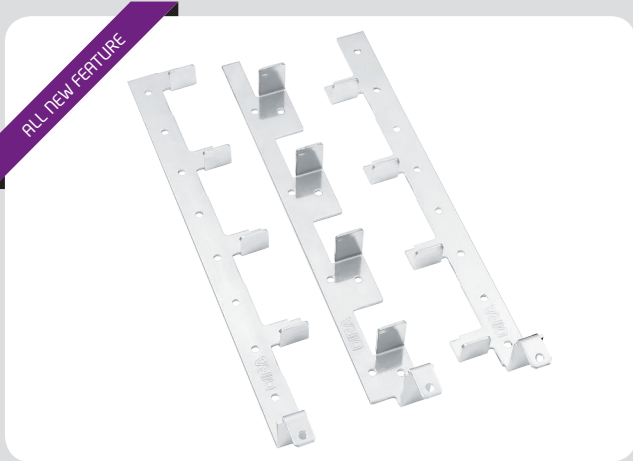
The unique magnetic lock ensures a longer operating life in compared with classic spring loaded locks available in classic old generation of Load Centers. Use of plastic seals helps to amortize noise of door closing sound and reduces steel smacking .



ROBUST STRUCTURE

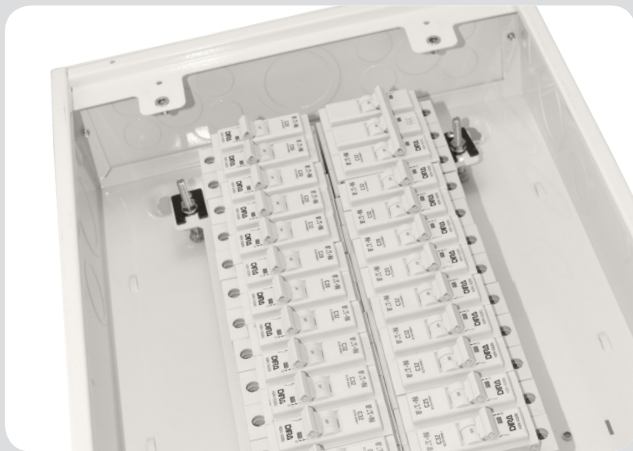
BAHRA Load Centers use high quality engineering plastic to achieve a robust pan assembly. This plastic material has a unique interlocking snap feature to let all components behave like a single piece construction. End covers are designed in single piece made from GI steel sheet of 1.5mm thickness resulting in a robust enclosure construction.

LOAD CENTER PERFORMANCE FEATURES



NEXT GENERATION BUSBAR DESIGN

The use of single piece ETP (electrolytic tough pitch) electro tin plated copper of purity more than 99.9% results in high conductivity and less heat generation. This unique new generation design, based on less current density results in a low temperature operating environment which in turn makes the operating life of the Load Centers longer than classic Load Centers available in the market. This is the reason that DIRA is proud to offer the 25 year warranty.



TEMPERATURE MANAGEMENT

Proper design of the current carrying parts along with proper selection of the breaker & better engineering behind the Load Centers have led to excellent levels of temperature management. The main factors which help in temperature management are the busbar design and material (ETP with 99.9% purity of copper) and low density of current apart from the well studied connection points to reduce heat generation.



DESIGNED TO SUIT IEC 61439-1&2

BAHRA Load Centers are designed as per the latest IEC 61439-1&2 standards (January 2012) and are tested as per this standard in highly reputed international labs. This confirms that DIRA Load Centers meet the highest and latest worldwide standards.

LOAD CENTER SAFETY FEATURES



EATON TECHNOLOGY

BAHRA Load Centers are provided with UL listed and CE marked Eaton circuit breakers with high protection specification. Eaton technology has been tried and tested in the international market for more than 100 years. For more details please refer to the Breaker Specification section on page 25 of the catalog or visit the website www.eaton.com



ENHANCED EARTHING FEATURE

This feature allows for easy access for cable entry as it is elevated from the bottom of the box wrapper.



LOAD CENTER SPECIFICATIONS

GENERAL SPECIFICATIONS

Product has been tested according to the standard IEC 61439-1&2 in several international labs.

ITEM	DESCRIPTION
Standard	IEC 61439-1&2
Busbar Rating (AFW)	100, 250
No of Phase	3
Voltage Rating (V)-AC (50/60 Hz)	110-415
Mounting Type	Flush
No. of Ways (3 Phase)	6, 9, 12, 18, 24, 30, 36, 42, 48
Ingress Protection (IP)	IP 40
Enclosure Material	Electro galvanized steel sheet (corrosion resistant)
Steel sheet Thickness (mm)	1 & 1.5mm
Knockout Sizes	Refer to table (2)
Surface finishing	Powder coated with electrostatic Epoxy polyester (RAL9001)
Coating Thickness	70-90 microns
Main Incoming Breaker	MCB, MCCB
Breaker Terminal Capacity (mm ²)	MCB - QC → 50 (BT)
	MCCB - BZME1 → 50 (BT)
	MCCB - BZMB2 → 120 (CL)
Branch Breakers	1,2 and 3 pole plug in type
Neutral Terminal Capacity (mm ²)	Incoming cable lug → 95
	Outgoing terminals (Bidirectional) → 25
Earth Terminal Capacity (mm ²)	Incoming cable lug → 50
	Outgoing terminals (Bidirectional) → 25
Rated Insulation voltage (V)-Ui	690
Ambient Temperature (°C)	50

For ampere trip ratings for breaker; refer to table (10, 11 & 12).

Table (1)

THE BEST SELECTION OF MATERIALS AND MODERN TECHNOLOGY

Electro Galvanized
Steel Sheet
(Corrosion Resistant)

Fully shrouded
busbar

Shroud for busbar
Main Link

Height Adjustment
Screw

Ample Earth
Terminals

Ample Space for
Cable Routing

Removable Gland
Plate

Cable Knockouts

Main Breaker

Ample Neutral
Terminals

Phase Barriers

Breakable Gland
Plate Feature

LOAD CENTER BOX WRAPPER SPECIFICATIONS

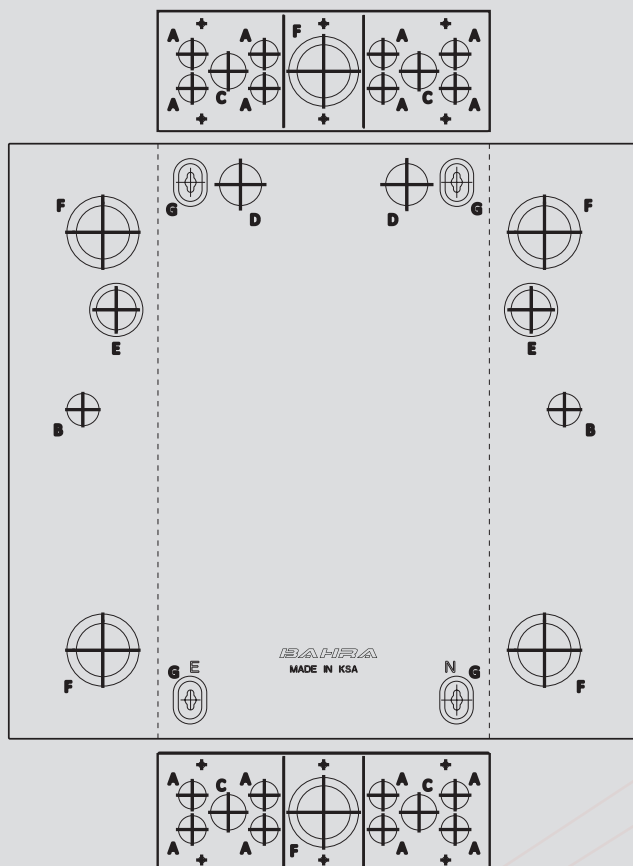
THE BOX WRAPPER WITH KNOCKOUT FEATURES

The below table indicates the features along with the dimensions.

KNOCKOUT	KNOCKOUT TYPE	DIAMETER (mm)
A	Single	Inside 25
B	Single	Inside 27
C	Single	Inside 32
D	Single	Inside 38
E	Double	Inside 38, outside 46
F	Double	Inside 50, outside 63

A - F : represent the knockout features
G : represents the 4 key holes

Table (2)



The Load Center is provided with ample easy to remove knockout features in the box wrapper and gland plate. That helps in easy installation of cables and reducing clutter. The left side drawing shows the box wrapper with the knockout features.

LOAD CENTER

EASE OF INSTALLATION FEATURES



GLAND PLATE AND KNOCKOUT FEATURES

Sufficient knockout features in box wrapper and gland plate ensure easy routing of cables. Easy to remove knockouts and gland plate with easily breakable features reduce installation time.



CEMENT GUARD

A feature is provided to prevent cement from entering inside the Load Center during installation as cement is tough to clean once it enters and dries up inside.

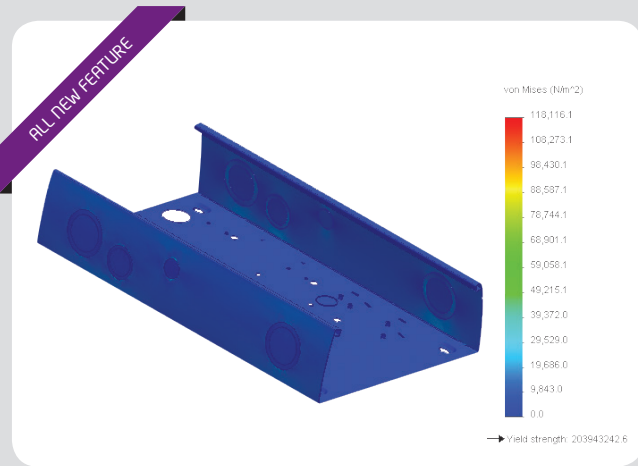


UNIQUE HEIGHT ADJUSTMENT FEATURE

The Unique feature enables pan assembly adjustment even when the Dead Front Cover (DFC) already assembled. Pan assembly height adjustment screws helps in accurate and fast alignment in Load Center with the wall. For more details please refer to the installation manual provided with the product.

LOAD CENTER

EASE OF INSTALLATION FEATURES



NON TWISTING, NON CRUSHING FEATURES

Unique box wrapper profile developed using latest technologies and simulation software ensures the strongest resistance to high crushing forces. This profile helps in preventing the twisting of the box wrapper during cement packing.



AMPLE CABLING SPACE

Cable entry area is 40% more among the most popular brands in the market. This vast space makes the incoming cable connection to the main breaker much easier and faster.



DIRA HQPd

NEXT GENERATION BREAKER



As a fruit of several years of development done in Eaton Europe and DIRA In Saudi Arabia to bring a new generation of HQP branch breaker according to the IEC60898-1. We are very proud to offer the new generation series of HQPd IEC MCB range with innovative features.



Image 1



Image 2



Image 3



Image 4

ARC PROTECTION MANAGEMENT AND THERMAL STRESS MANAGEMENT

Highly engineered arc vent in order to not to reach the arc & ionized gas to the adjacent phase while the clearing the faults (Image 1). Special Design of housing and cover to reduce thermal stress between the breakers and enhance the air circulation (Image 2). Superior Quality plastic material to withstand high thermal & mechanical stress and also provide high electrical insulation & fire retardant properties.

NOTCHED WIRE TERMINAL AND WIRE STRIP GAUGE

Notched cable terminal to hold cable firm and strong, which will avoid the loose connection & burning (Image 3). Marked wire strip length on housing for easy reference of cable sleeve preparation (Image 4).

HQPd IEC PLUG IN MCB FOR SAFE AND RELIABLE CIRCUIT POTECTION



GENERAL FEATURES

- Easy to operate the breaker knob .
- Finger Protection IP20 .
- Contact position indicator red and green to indicate the contact/ circuit is close or open condition.
- Positive contact indication through trip free mechanism.
- Higher magnetic coil diameter to reduce overall breaker circuit resistance.



DIRA - EATON HQPd BREAKERS CERTIFICATE

DIRA Eaton HQPd IEC MCB range are designed to comply with IEC60898-1.

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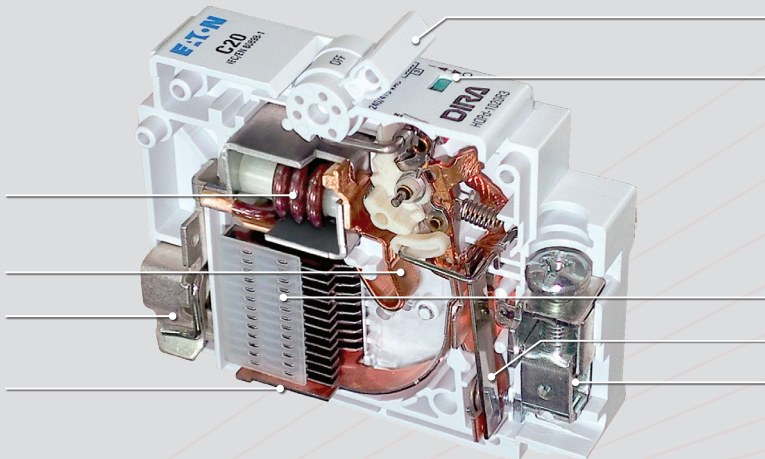
* Certificates are AVAILABLE ON REQUEST: csd@dira-electric.com

Magnetic trip coil unit

Silver Graphite contact

Electro Palted Copper
Terminal

Arc Runner



Easy operating Knob

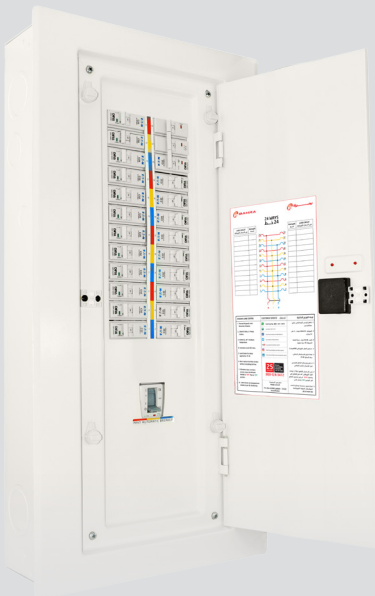
Contact position indicator

Arc chute

Thermal trip bar

Notched cable terminal

LOAD CENTER RANGE



BZME1 18W

BZME1-100AF MCCB PLUG-IN TYPE

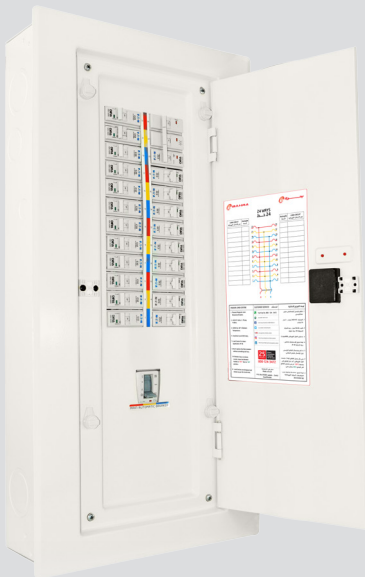
Main breaker available range is: 16-20-25-32-40-50-63-80-100 A

NO. OF WAYS	BOX Dim.			COVER Dim.		MCFD* Dim.
	H	W	D	B	C	A
12 W	537	340	109	364	566	151
18 W	613	340	109	364	642	151
24 W	689	340	109	364	718	151
30 W	765	340	109	364	794	151
36 W	841	340	109	364	870	151
42 W	917	340	109	364	946	151

Table (4)

BZMB2-250 AF MCCB PLUG-IN TYPE

Main breaker available range is: 125-160-200-250 A

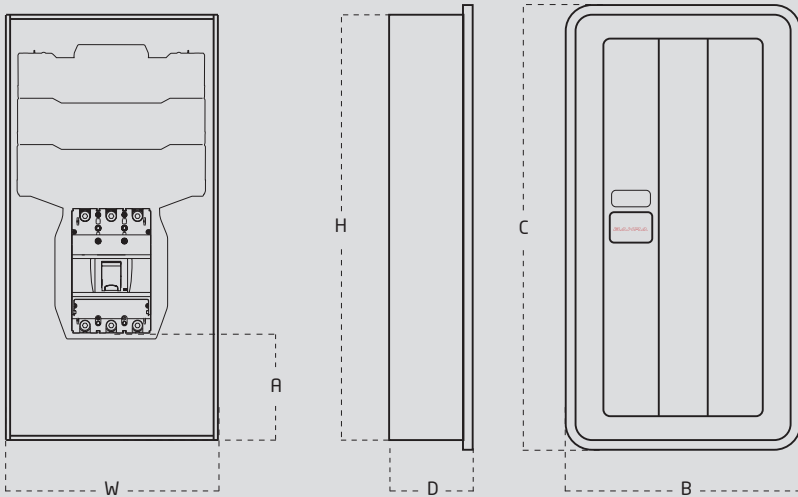


BZMB2 18W

NO. OF WAYS	BOX Dim.			COVER Dim.		MCFD* Dim.
	H	W	D	B	C	A
12 W	613	340	109	324	642	194
18 W	689	340	109	324	718	194
24 W	765	340	109	324	794	194
30 W	841	340	109	324	870	194
36 W	917	340	109	324	946	194
42 W	993	340	109	324	1022	194
48 W	993	340	109	324	1022	118

Table (5)

A RANGE OF 3 PHASE LOAD CENTERS FOR INDOOR APPLICATION IN RESIDENTIAL AND COMMERCIAL BUILDINGS



- All Dimension are in (mm).

- * **MCFD (A):** Main Cable Freedom Dimension which is the distance between bottom of main breaker and bottom gland plate.

Reference drawings for tables
(3), (4), (5).





BAHRA
**CIRCUIT BREAKERS WITH
ENCLOSURE**

INTRODUCING NEXT GENERATION CIRCUIT BREAKERS WITH ENCLOSURE



SAFETY RELIABILITY PROTECTION

Use of Eaton breakers of high specification with high interrupting capacity secures the highest safety standards. It also increases durability and helps the product withstand electrical shocks. The use of the Circuit Breaker with Enclosure (CBE) provides your house with a double layer of protection.

BAHRA Circuit Breakers with Enclosure are powered with the best selection of international proven quality of breakers by Eaton to provide reliable circuit protection against overload and short circuits.

POWERED WITH

EATON[®]
TECHNOLOGY™



CIRCUIT BREAKERS WITH ENCLOSURE FEATURES



HIDDEN COVER FIXING SCREWS

Cover fixing screws in the surface type are hidden to enhance the look of the product. These screws can be removed only with an Allen key, thus preventing unauthorized opening of the product. The screws can be fixed from 8 different locations. This feature helps optimizing the use of Product in limited space.



PADLOCK COMPATIBILITY

The Circuit Breaker with Enclosure can be locked using a padlock to prevent abuse and increase the safety during installation and maintenance service.

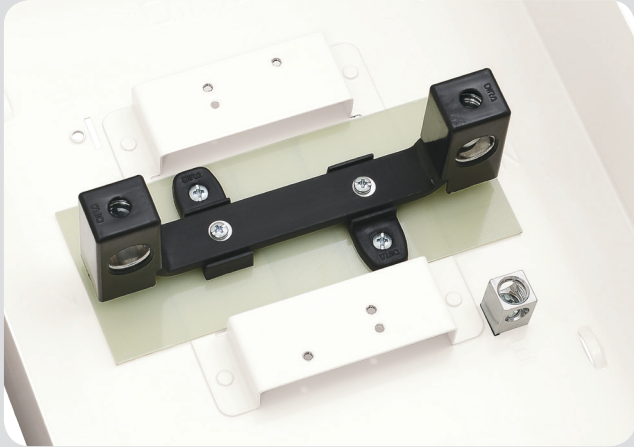
* Padlock Provision not applicable for QC enclosure.



GLAND PLATE AND KNOCKOUT FEATURES

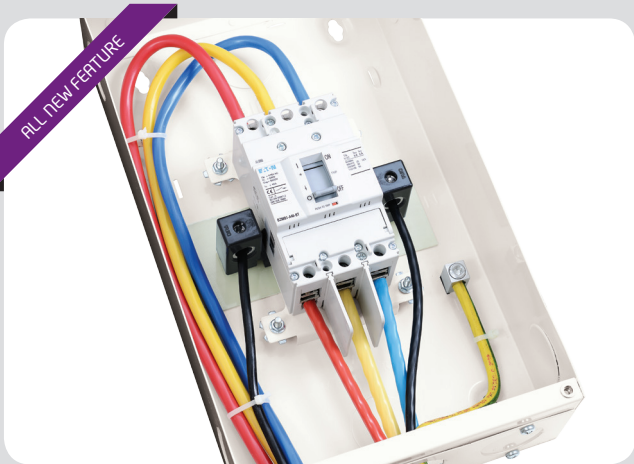
Sufficient knockout features in box wrapper and gland plate ensure easy routing of cables. Easy to remove knockouts and gland plate with easily breakable features reduce installation time.

UNIQUE DESIGN FEATURES FOR EASE OF USE AND ENHANCED USER EXPERIENCE



FULLY SHROUDED NEUTRAL BAR

Fully shrouded busbar with fire retardant thermal sleeves and lugs are shrouded with high thermal resistance plastic more over the bottom surfaces additional are protected with high electrical insulation sheet for higher safety.



NEXT GENERATION NEUTRAL BAR DESIGN

The neutral bar was designed to enable bidirectional entry of the cable (both sides of the breaker) facilitating the cable routing and making less stress on the cables.

Neutral incoming & outgoing cables can enter parallel in and parallel out in order to avoid more bending & cable overlapping.



MOVABLE EARTH LUG

The earth lug can be fixed in two different places depending on the entry direction of the earth cable.

CIRCUIT BREAKERS WITH ENCLOSURE SPECIFICATIONS

GENERAL SPECIFICATIONS

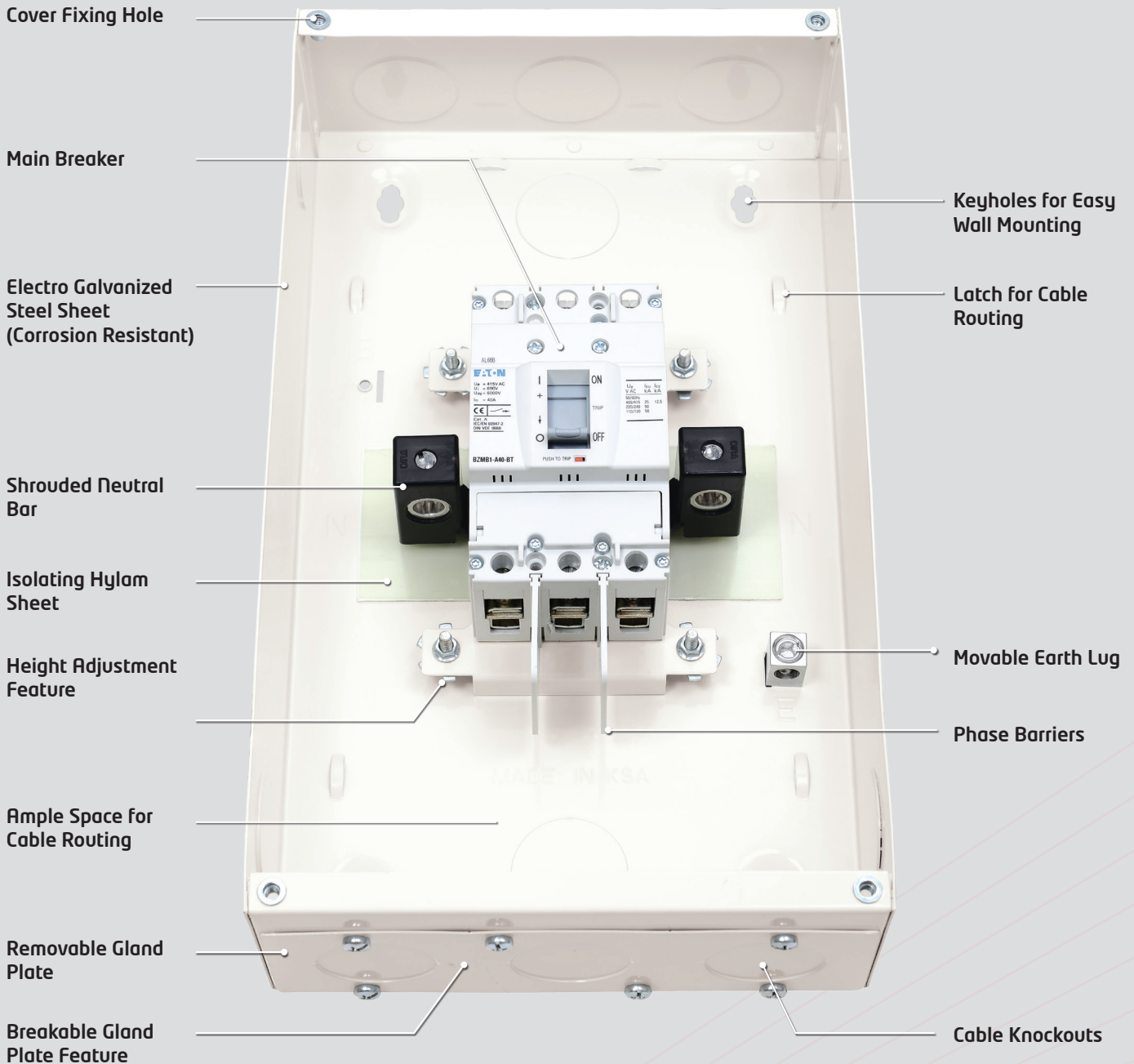
Product has been tested according to the standard IEC 61439-1&2 in several international labs

ITEM	DESCRIPTION
Standard	IEC 61439-1&2
Breaker Classifications	QC MCB → 100 AF BZMB1 MCCB → 100 AF BZMB2 MCCB → 250 AF
Voltage Rating (V)-AC (50/60 Hz)	110-415
Mounting Type	Flush / Surface
Ingress Protection (IP)	IP 40
Enclosure Material	Electro galvanized steel sheet (Corrosion Resistant)
Steel Sheet Thickness (mm)	1
Surface finishing	Powder coated with electrostatic Epoxy polyester (RAL9001)
Coating Thickness	70 - 90 Microns
Breaker Terminal Capacity (mm²)	MCB - QC → 50 (BT) MCCB - BZMB1 → 50 (BT) MCCB - BZMB2 → 120 (CL)
Neutral Terminal Capacity (mm²)	Incoming & outgoing cable lug CBE - QC → 50 Incoming & outgoing cable lug CBE - BZMB1 → 50 Incoming & outgoing cable lug CBE - BZMB2 → 95
Earth Terminal Capacity (mm²)	Incoming cable lug → 50
Rated Insulation voltage (V)-Ui	690
Ambient Temperature (°C)	50

For ampere trip ratings for breaker; refer to table (11), (12).

Table (6),

THE BEST SELECTION OF MATERIALS AND MODERN TECHNOLOGY



Circuit Breakers with Enclosure

RANGE



QC - Flush



QC - Surface

QC-100AF MCB

Main breaker available range is: 30-40-50-60-70-80-90-100 A

Mounting Type	BOX Dim.			COVER Dim.	
	H	W	D	A	B
Surface	389	224	91	394	229
Flush	389	224	91	408	243

Table (7)



BZMB1 - Flush



BZMB1 - Surface

BZMB1-100AF MCCB

Main breaker available range is: 16-20-25-32-40-50-63-80-100 A

Mounting Type	BOX Dim.			COVER Dim.	
	H	W	D	A	B
Surface	389	224	91	394	229
Flush	389	224	91	408	243

Table (8)



BZMB2 - Flush



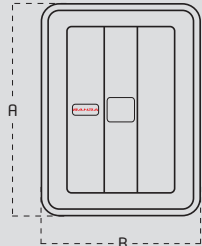
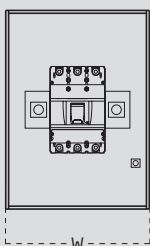
BZMB2 - Surface

BZMB2-250AF MCCB

Main breaker available range is: 125-160-200-250 A

Mounting Type	BOX Dim.			COVER Dim.	
	H	W	D	A	B
Surface	389	259	91	394	264
Flush	389	259	91	408	278

Table (9)



- All Dimension are in (mm).

Reference drawings for tables (7), (8), (9).



CIRCUIT BREAKERS
SPECIFICATIONS



HQPd BREAKER

SPECIFICATIONS

MINIATURE CIRCUIT BREAKERS (MCB) - HQPd

ITEM		DESCRIPTION
Frame size		63
No. of Poles		1, 2, 3
Calibrated/suitable temperature (°C)		40 / 50
Standard		IEC/EN 60898-1
Rated operating voltage (V)-Ue		240/415V AC
Rated Insulation voltage (V)-Ui		440 V
Rated impulse withstand voltage Uimp		4 kV (1.2/50) µsec
Rated current (A)		6, 10, 16, 20, 25, 32, 40, 50, 63
Rated frequency (Hz)		50/60
Short circuit breaking capacity Icu (kA)		3 kA - as per IEC/EN 60898-1
Type of trip unit (Thermal magnetic release)		Yes
Trip Characteristic		C
Selectivity class		3
Short circuit trip response		5 - 10 In
Conventional non-tripping current		I _{nt} = 1.13 I _n
Conventional tripping current		I _t = 1.45 I _n
Max.back-up fuse (gL/Gg)		125A
Endurance	Numbers of mechanical operation	>10,000 (IEC/EN 60947-2)
	Numbers of electrical operation	>4,000 (IEC/EN 60898-1)
Terminal capacity		25 mm ² / 4 AWG
Degree of protection (DIN VDE 0470)		
	Surface mounted	IP20
	Built-in behind panel	IP40
Contact position indicator		red / green
Color		RAL 7035 (Light Gray)
Breaker Dimension W x H x D (mm)	1 Pole	25.3 x 80 x 65
	2 Pole	50.6 x 80 x 65
	3 Pole	75.9 x 80 x 65

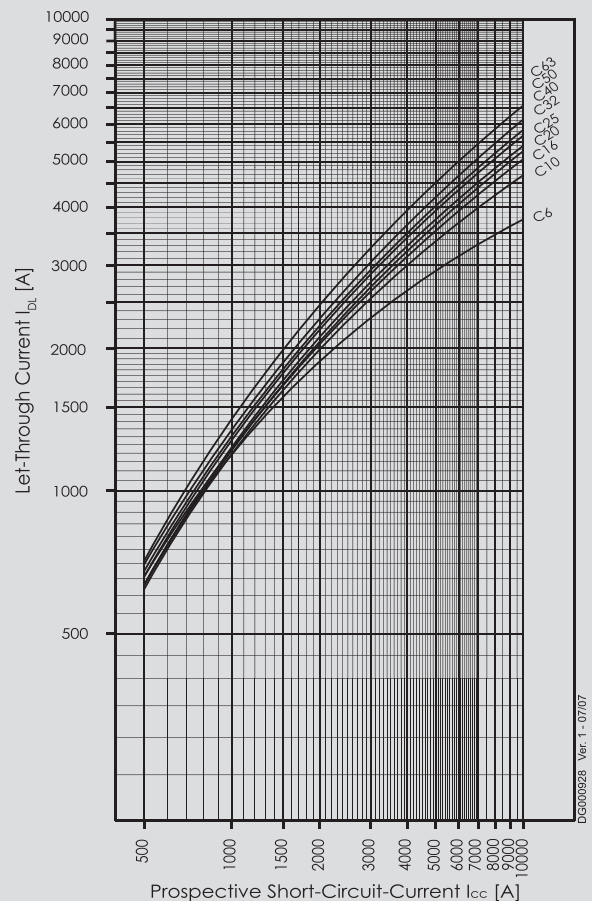
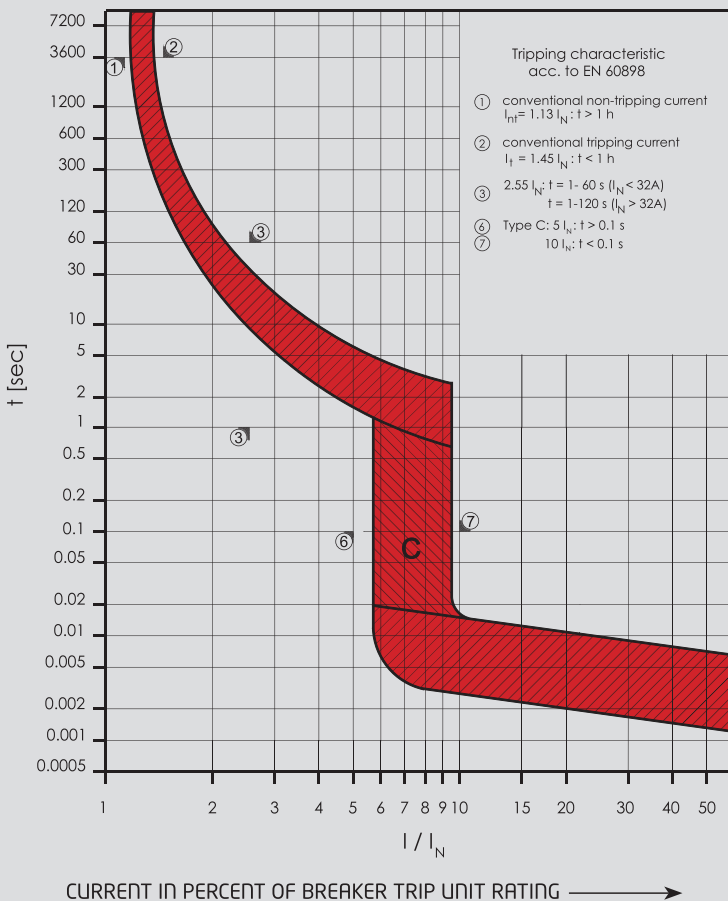
Table (10)

HQPd PLUG IN MCB FOR SAFE AND RELIABLE CIRCUIT POTECTION



TRIPPING CHARACTERISTIC & MAXIMUM LET-THROUGH CURRENT FOR HQPd BREAKERS

A tripping characteristic is used to understand the breaker response time with respect to the current that is flowing through the breaker. It indicates the time required for the breaker to trip due to overload and short circuit along with the corresponding current.



MCB BREAKER

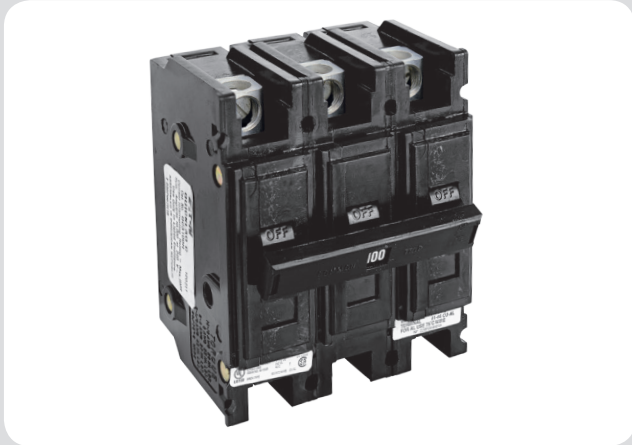
SPECIFICATIONS

MINIATURE CIRCUIT BREAKERS (MCB) - HQP & QC

ITEM	DESCRIPTION	DESCRIPTION
Breaker family	HQP	QC
Frame size	100	100
No. of poles	1, 2, 3	1, 2, 3
Fixing type	Plug in MCB	Bolt on MCB
Calibrated/suitable temperature (°C)	50	40
Standard	MEMA AB1	MEMA AB1
Rated operating voltage (V)-Ue (50/60 Hz)	120/240	120/240
Rated Insulation voltage (V)-Ui (50/60 Hz)	690	690
Rated current (A)	10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 70, 80, 90, 100	30, 40, 50, 60, 70, 80, 90, 100
Short circuit breaking capacity Icu (kA)	10 as per MEMA AB1	10 as per MEMA AB1
Type of trip unit (Thermal magnetic release)	Yes	Yes
Terminal capacity (mm ²)	Incoming → 50 (BT) Outgoing → Plug In	Incoming → 50 (BT) Outgoing → 50 (BT)
Breaker Dimension W x H x D (mm)	1 Pole 24.9 x 73.5 x 60 2 Pole 49.8 x 73.5 x 60 3 Pole 74.7 x 73.5 x 60	25 x 95 x 57.2 50 x 95 x 57.2 75 x 95 x 57.2

Table (11)

PREMIUM CIRCUIT BREAKERS FOR SAFE AND RELIABLE CIRCUIT PROTECTION



QC - Breaker



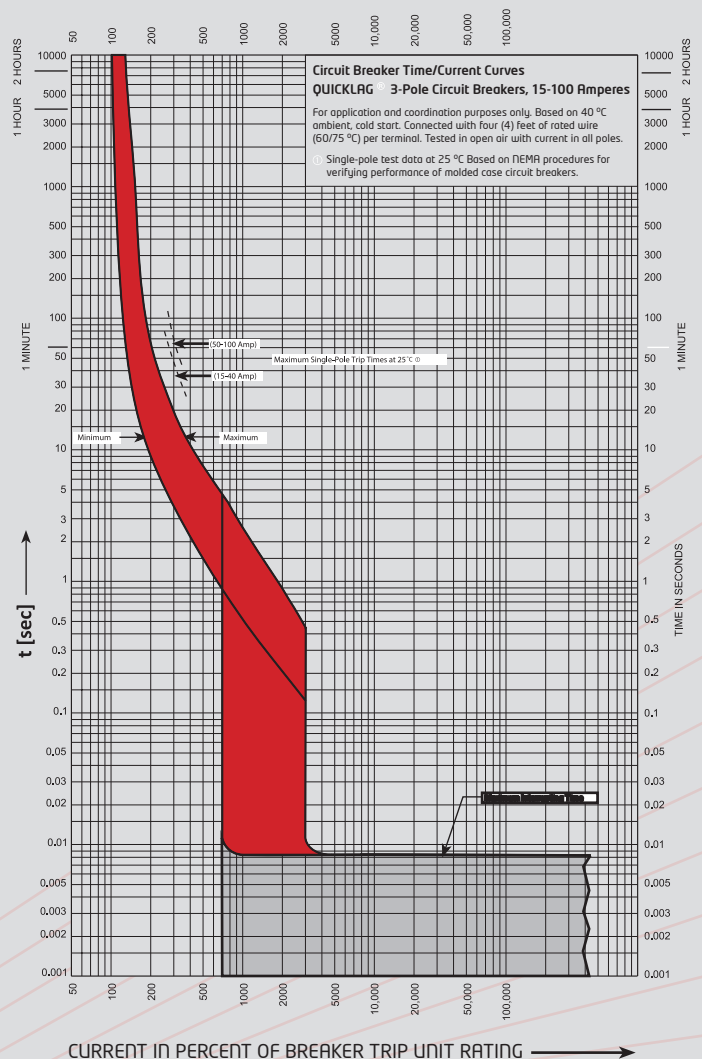
HQP - 3 Pole Breaker



HQP - 2, 1 Pole Breakers

TRIPPING CURVE FOR HQP & QC BREAKERS

A tripping curve is used to understand the breaker response time with respect to the current that is flowing through the breaker. It indicates the time taken for the breaker to trip due to overload and short circuit along with the corresponding current.



MCCB BREAKER

SPECIFICATIONS

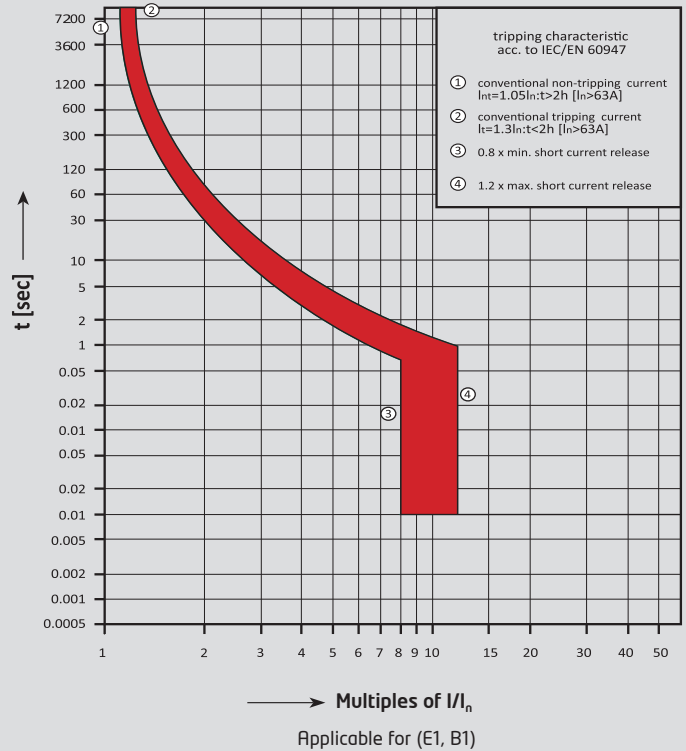
MOLDED CASE CIRCUIT BREAKERS (MCCB) BZM SERIES

ITEM		DESCRIPTION	DESCRIPTION	DESCRIPTION
Breaker family		BZME1	BZMB1	BZMB2
Frame size		100	100	250
No. of poles		3	3	3
Calibrated/suitable temperature (°C)		40/50	40/50	40/50
Standard		IEC/EN60947-2	IEC/EN60947-2	IEC/EN60947-2
Rated operating voltage (V)-Ue (50/60 Hz)		400/415	400/415	400/415
Rated Insulation voltage (V)-Ui (50/60 Hz)		690	690	690
Rated impulse withstand voltage (kV)- Uimp		6	6	6
Rated current (A)		16, 20, 25, 32, 40, 50, 63, 80, 100	16, 20, 25, 32, 40, 50, 63, 80, 100	125, 160, 200, 250
Short circuit breaking capacity Icu (kA)		BZME1	BZMB1	BZMB2
AC 50/60Hz	400/415 V	18	25	25
	220/240 V	36	50	-
	110/130 V	36	50	-
Service breaking capacity Ics = % Icu		50%	50%	50 %
Category of use		A	A	A
Endurance	Mechanical	>10,000	>10,000	>8,000
	Electrical	1500	1500	1000
Type of trip unit (Thermal magnetic release)		Yes	Yes	Yes
Terminal capacity (mm ²)		50 (BT)	50 (BT)	120 (CL)
Thermal-magnetic release		Fixed	Fixed	Fixed
Breaker Dimension W x H x D (mm)	3 Pole	75 X 130 X 84.7	75 X 130 X 84.7	105 X 165 X 91.5

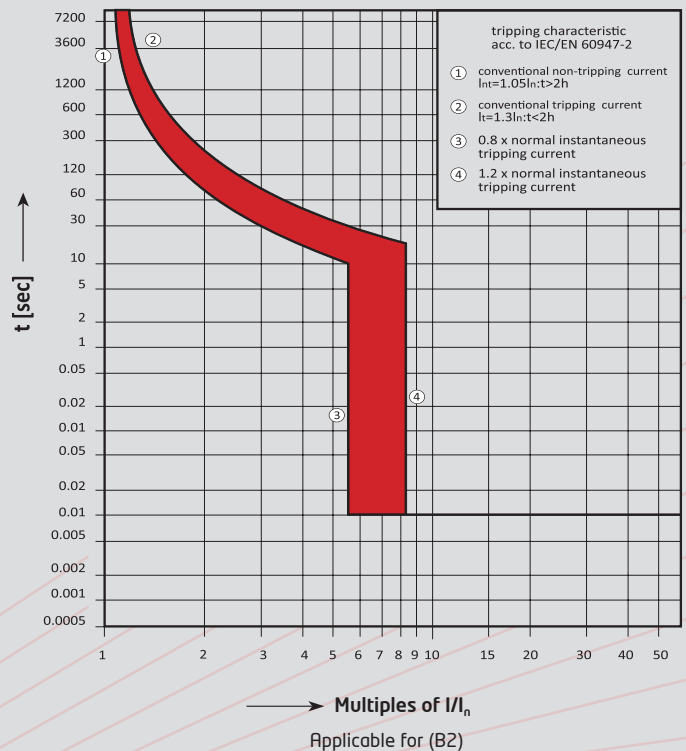
Table (12)

PREMIUM CIRCUIT BREAKERS FOR SAFE AND RELIABLE CIRCUIT PROTECTION

TRIPPING CURVE FOR BZM1 BREAKERS



TRIPPING CURVE FOR BZM2 BREAKERS



HOW TO ORDER THE PRODUCT

DIRA CODING SYSTEM

BAHRA Load Center catalog number is as follows

1 **4** **K** **X** **Y** **Π** **G** **Z** **Z** **T** **T** **T** - **M** **M** **M**

DIRA CBE Catalog number is as follows

4 **4** **K** **X** **Y** **Π** **G** **T** **T** **T** - **M** **M** **M**

DIGIT	DESCRIPTION	SELECTION		
14	Load Center plug in, IP 40,			
44	Circuit Breaker with Enclosure, IP40			
K	Mounting type	1: Flush	2: Surface	
X	Number of phases	1: One phase	2: Two phase	3: Three phase
Y	Breaker type	C: QC	M: (BZME1 or BZMB2) *	
Π	Breaker entry terminal type	B: QC and BZME1	F: for BZMB2	
G	Product generation	Alphabet entry (A, B, C ...) which presents product generation for latest generation call CSD **		
ZZ	Number of ways of load center	06, 09, 12, 18, 24, 30, 36, 42, 48		
TTT	Ampere frame (AF) of the main breaker	100: (QC or BZME1)	250: BZMB2	
MMM	Ampere trip rating of main breaker (AT)	available rating for each breaker, refer to table (11), (12)		

* in case of 9 way, please use G as Value of Y in the code

** The generation of product till the date of catalog printing is (CBE Generation:A, LC Generation: A, B)

For example:

If you need DIRA Load Center plugin flush mounting for indoor usage with main breaker BZME1, 18 ways, 100AF & 63A trip; the code will be 1413MBB18100-063.

If you need a CBE surface mounted QC Circuit Breaker with Enclosure, 70A ampere trip; the code will be 4423CBA100-070

BAHRA-EATON Branch Breaker catalog number is as follows

H **Q** **d** **X** - **Y** **Y** **Y**

EATON Branch Breaker catalog number is as follows

H **Q** **P** **X** - **Y** **Y** **Y**

DIGIT	DESCRIPTION	SELECTION		
HQd	BAHRA - EATON Branch Breaker HQPd Family	IEC		
HQP	EATON Branch Breaker HQP Family	NEMA		
X	Number of poles	1: Single pole	2: Double pole	3: Triple pole
YYY	Ampere trip rating	Table (10),DIRA EATON (HQPd) Breaker Table (11), EATON (HQP) Breaker		

For example:

If you need branch breaker 20A (NEMA), 1 pole; the code will be HQP1-020

If you need branch breaker 20A (IEC), 1 pole; the code will be HQd1-020

DIRA SERVICES



TOLL FREE SERVICE 800-124-3472

BAHRA has deployed a team of professional customer service center to serve all its customers to solve any problem they might face during the product life and to provide the technical support to buyers on the time of purchase.

Please contact our toll for any query

We care..



WEB SERVICES

BAHRA is a Consumer oriented Brand and always seeking to improve its services to its customers and make all data and information easily available to them.

Several web services were added to our website such as: distributor map details through SMS, online inquiry.. For details please visit us @:

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