

POWER FACTOR CONTROL PRODUCTS



BCH offers wide range of high quality and reliable power factor control products. Apart from Normal duty & Heavy Duty MPP Capacitors in cylindrical type & box type, we also offer APP Box type capacitors. We offer power capacitors in three different voltage ratings 440V, 480V & 525V AC.

Our product range also consists of Super Heavy Duty Capacitors, 7% Copper wound & Aluminum wound detuned reactors, Thyristor Switched Modules, Single CT & 3 CT Automatic PF Controllers, Intelligent PF Controllers & Digital Network Analysers.



BCH ELECTRIC LIMITED

MPP, Can Type, Normal Duty & Heavy Duty, 440V AC Capacitors



MPP, Can Type, 440V AC [IS 13340 - 1]		
KVAR	Normal Duty	Heavy Duty
	Cat. Code	Cat. Code
1	BCHMCN001B	BCHMCH001B
2	BCHMCN002B	BCHMCH002B
3	BCHMCN003B	BCHMCH003B
4	BCHMCN004B	BCHMCH004B
5	BCHMCN005B	BCHMCH005B
7.5	BCHMCN007B	BCHMCH007B
9	BCHMCN009B	BCHMCH009B
10	BCHMCN010B	BCHMCH010B
12.5	BCHMCN012B	BCHMCH012B
15	BCHMCN015B	BCHMCH015B
20	BCHMCN020B	BCHMCH020B
25	BCHMCN025B	BCHMCH025B
30	BCHMCN030B	BCHMCH030B

ALSO AVAILABLE IN 480V & 525V AC

Note: Normal Duty : For Non-linear loads \leq 10% of total load
Heavy Duty : For Non-linear loads from 10% to 20% of total load

MPP, Box Type, Normal Duty & Heavy Duty, 440V AC Capacitors



MPP, Box Type, 440V AC [IS 13340 - 1]		
KVAR	Normal Duty	Heavy Duty
	Cat. Code	Cat. Code
1	BCHMBN001B	BCHMBH001B
2	BCHMBN002B	BCHMBH002B
3	BCHMBN003B	BCHMBH003B
4	BCHMBN004B	BCHMBH004B
5	BCHMBN005B	BCHMBH005B
7.5	BCHMBN007B	BCHMBH007B
10	BCHMBN010B	BCHMBH010B
12.5	BCHMBN012B	BCHMBH012B
15	BCHMBN015B	BCHMBH015B
20	BCHMBN020B	BCHMBH020B
25	BCHMBN025B	BCHMBH025B

ALSO AVAILABLE IN 480V & 525V AC

Note: Normal Duty : For Non-linear loads \leq 10% of total load
Heavy Duty : For Non-linear loads from 10% to 20% of total load

APP, Box Type, 440V AC Capacitors



APP, Box Type, 440V AC [IS 13585 - 1]			
KVAR	Cat. Code	KVAR	Cat. Code
1	BCHAPS001B	10	BCHAPS010B
2	BCHAPS002B	12.5	BCHAPS012B
3	BCHAPS003B	15	BCHAPS015B
4	BCHAPS004B	20	BCHAPS020B
5	BCHAPS005B	25	BCHAPS025B
7.5	BCHAPS007B	30	BCHAPS030B
9	BCHAPS009B	50	BCHAPS050B
ALSO AVAILABLE IN 480V & 525V AC			

Note: Medium Voltage Capacitors (upto 11KV) are also available on request

Super Heavy Duty, Box Type, 440V AC Capacitors



Super Heavy Duty, Box Type, 440V AC			
KVAR	Cat. Code	KVAR	Cat. Code
1	BCHSHD001B	12.5	BCHSHD012B
2	BCHSHD002B	15	BCHSHD015B
3	BCHSHD003B	20	BCHSHD020B
5	BCHSHD005B	25	BCHSHD025B
7.5	BCHSHD007B	30	BCHSHD030B
10	BCHSHD010B		

Other Power Factor Products



KVAR	7% Aluminium Wound Reactor, 440V AC	7% Copper Wound Reactor, 440V AC
5	BCHRAL005B	BCHRCU005B
10	BCHRAL010B	BCHRCU010B
15	BCHRAL015B	BCHRCU015B
20	BCHRAL020B	BCHRCU020B
25	BCHRAL025B	BCHRCU025B
50	BCHRAL050B	BCHRCU050B
75	BCHRAL075B	BCHRCU075B
100	BCHRAL100B	BCHRCU100B



Thyristor Switched Module 440V AC	
KVAR	Cat. Code
5	BCHTSM005
10	BCHTSM010
15	BCHTSM015
20	BCHTSM020
25	BCHTSM025
50	BCHTSM050
75	BCHTSM075
100	BCHTSM100

Capacitor Switching



Duros Freedom Series Capacitor Duty AC Control

Size	Capacitor KVAR at 415 V, 3 Ph, 50 Hz	Cat. No.
B	5	CCE 15BN3
D	10	CCE 15DN3
F	15	CCE 15FN3
G	20	CCE 15GN3
H	25	CCE 15HN3

- Ideal solution for Switching single and multiple Capacitor banks upto 25 KVAR
- IP 20

Intelligent Power Factor Controllers (IPFC)



Steps	CAT code	Voltage	Brief description
12 STEP - 3 ϕ	RG3-12C	230V	12 Step intelligent PFC
12 STEP - 3 ϕ	RG3-12CS	230V	12 Step intelligent PFC with RS 485 communication
15 STEP - 3 ϕ	RG3-15C	230V	15 Step , Intelligent PFC relay
15 STEP - 3 ϕ	RG3-15CL	230V	15 Step , Intelligent PFC relay with 3 steps for reactor
15 STEP - 3 ϕ	RG3-15CS	230V	15 Step , Intelligent PFC relay with RS485 communication
15 STEP - 3 ϕ	RG3-15CLS	230V	15 Step , Intelligent PFC relay with 3 steps for reactor and RS485 communication

Automatic Power Factor Controllers (APFC)



Steps	CAT code	Voltage	Brief description
6 STEP - 1 ϕ	RG-6T-230-96	230V	PFC (96X96) WITH 6 STEPS , 230 V
6 STEP - 1 ϕ	RG-6T-415-96	415V	PFC (96X96) WITH 6 STEPS , 415 V
6 STEP - 1 ϕ	RG-6T-230	230V	PFC (144X144) WITH 6 STEPS, 230 V
6 STEP - 1 ϕ	RG-6T-415	415V	PFC (144X144) WITH 6 STEPS, 415 V
8 STEP - 1 ϕ	RG-8T-230	230V	PFC (144X144) WITH 8 STEPS, 230 V
8 STEP - 1 ϕ	RG-8T-415	415V	PFC (144X144) WITH 8 STEPS, 415 V
8 STEP - 3 ϕ	RG3-8T-230	230V	PFC 144X144, 8 STEPS, 230V UNABALANCELOAD
12 STEP - 1 ϕ	RG-12T-230	230V	PFC (144X144) WITH 12 STEPS, 230 V
12 STEP - 1 ϕ	RG-12T-415	415V	PFC (144X144) WITH 12 STEPS, 415 V
12 STEP - 3 ϕ	RG3-12T-230	230V	PFC 144X144, 12 STEPS, 230V UNABALANCELOAD

Note : **RG3-8/12/15 and RG3-12/15CS available in 230V AC only



Digital Network Analysers also available.