





ACB / MCCB

Series: MA3 for ACB and MF, MT, ME for MCCB
 Un(V): AC415/690
 In(A): 630-6300 for ACB and 16 to 1600 for MCCB
 Trip unit: Fixed, Thermal adjustable, Electronic type
 Icu(kA): 18/25/36/50/65/80/85/100/120/135
 Standard: IEC/EN 60947-2
 Laboratory: DEKRA

MCB

Series: MA63E, MA63S, MA125E, MA125S, BME63
 Un(V): AC240/415
 In(A): 6/10/16/20/25/32/40/50/63/80/100/125
 Curve: B/C/D
 Icu(kA): 6/10
 Standard: IEC/EN 60898-1 & IEC/EN 60947-2
 Laboratory: DEKRA & INTERTEK

ATS

Series: N and TN
 Un(V): AC600 / DC125
 In(A): 63 up to 3200
 Pole: 2P/3P/4P
 Switching frequency: A - B or A - OFF - B
 Standard: IEC/EN 60947-6-1
 Laboratory: KERI



BTB Electric is a European manufacturer & supplier of industrial electrical equipment, our products meet the highest safety standards, properly and fully meet the technical standards, competitive and stable prices according to customer requirements.

BTB Electric aims for the best solution in terms of environment, safety for users and especially customer satisfaction through good quality and service.

The following organizations have certified me: Underwriters Laboratory (UL) of the US, Intertek of the UK, Kema of the Netherlands and use the KEMA-KEUR mark on products and many other reputable laboratories.



CONTACTOR / THERMAL RELAY

Series: MC3 for Contactor and MT3 for Thermal relay
 Un(V): AC240/440/690
 In(A): 9-800 for Contactor and 1-630 for Thermal relay
 Coil(V): AC24/48/100/110/220/240/380/415
 Standard: IEC/EN 60947-1, IEC/EN 60947-4-1, UL 508
 Laboratory: UL

POWER FACTOR RELAY

Series: PFR96b, PFR60b, PFR80b, PFR120b
 Power system: 240/415V and 0.05 ~ 5.5A
 Cosφ setting: 0.85 (ind) ~ 1.00
 Numbers of outputs: 6/8/12/32(Z)
 Standard: IEC/EN 61000-6-2
 Laboratory: Quatest1

ATS CONTROL

Series: C53, C56, Hanpro1000
 Power system: 3P4W/400V and 1P2W/230V
 Control: Two-stage ATS, three-stage ATS, 2ACB and 2 Contactor
 Standard: IEC/EN 61000-6-2
 Laboratory: Quatest1

CAPACITOR

Series: BDC, BIC
 Power range: 1.0 ~ 70kVar
 Rated voltage(V): 240/415/440/480/525
 Maximum permissible current: 1.5 In
 Standard: IEC/EN 60831 & IEC/EN 61921
 Laboratory: CPRI

REACTOR

Series: BRH3
 Power range(kVar): 5-100 for LV and 100-2500 for MV
 Rated voltage: 200-690V for LV and 3-35kV for MV
 Resonance frequency: 6/7/13/14%
 Standard: IEC/EN 60076-6
 Laboratory: ETC1

ACTIVE HARMONIC FILTER

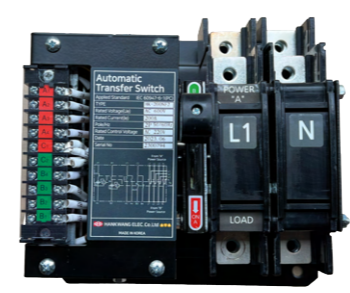
Series: BF3
 Rated input line voltage: 380V ± 20%
 Power grid structure: 3P3W / 3P4W
 Compensation current: 50A up to 600A
 Compensation efficiency: ≥ 97%
 Standard: JB/T 11067-2011, IEC/EN 60439-1, EN 61000-6



<p>MCCB Frame 125 Type: Fixed and Thermal adjustable (0.7~1.0In) In(A): 16/20/32/40/50/63/80/100/125 Icu(kA): 18/25/36 at 415V Pole: 3P/4P</p>	<p>MCCB Frame 160/250 Type: Fixed, Thermal adjustable and Electronic type In(A): 30/32/40/50/63/80/100/125/160 for frame 160 In(A): 100/125/160/200/250 for frame 250 Icu(kA): 25/36/50 at 415V Pole: 3P/4P</p>	<p>MCCB Frame 400/630 Type: Fixed, Thermal adjustable and Electronic type In(A): 250/300/315/350/400 for frame 400 In(A): 500/550/630 for frame 630 Icu(kA): 60/75/85 at 415V Pole: 3P/4P</p>	<p>MCCB Frame 400/630/800 Type: Electronic LCD type In(A): 400/630/800A Icu(kA): 60/75 at 415V Pole: 3P/4P</p>	<p>MCCB Frame 800 Type: Fixed, Electronic type In(A): 630/700/800 Icu(kA): 60/75/85 at 415V Pole: 3P/4P</p>	<p>MCCB Frame 1250/1600 Type: Fixed, Electronic type In(A): 1000/1250 for frame 1250 (Fixed) In(A): 1000/1250/1600 for frame 1600 (Electronic) Icu(kA): 65/85 at 415V Pole: 3P</p>	<p>Catalogue Moulded Case Circuit Breaker</p>
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<p>MCB code MA Model: MA63E, MA125E, MA63S, MA125S In(A): 1~63 for code MA63 and 40~125 for code MA125 Icu(kA): 6/10 Pole: 1P/1P+N/2P/3P/3P+N/4P</p>	<p>MCB code BM Model: BME63, BMS63 In(A): 1 ~ 63 Icu(kA): 6/10 Pole: 1P/1P+N/2P/3P/3P+N/4P</p>	<p>Catalogue Miniature Circuit Breaker Model BME</p>
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<p>ELCB Frame 250/400/800 In(A) 100/125/160/200/225/250/315/350/400/630/700/800 IΔn(mA) 30, 100, 500 / 100, 300, 500 Pole: 3P/3P+N</p>	<p>RCCB Frame 63/100 In(A) 16/20/25/32/40/50/63/80/100 IΔn(mA) 30/100/300 Pole: 1P+N/3P+N</p>	<p>RCBO Frame 32/63 In(A) 6/10/16/20/25/32/40/63 IΔn(mA) 30/100/300 Pole: 1P+N</p>	<p>ATS Type N/TN In(A) 63/125/250 for type N In(A) 100/200/400/630/800/1000/1250/1600/2000/2500/3200 for type TN Pole: 2P/3P/4P</p>	<p>ACB Frame 2000/4000/6300 In(A) 630/800/1000/1250/1600/2000/2500/3200/4000/5000/6300 Type: Draw-out/Fixed Pole: 3P/4P</p>
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Contactor code MC3
In(AC-3): 9/12/18/22A
Ith(AC-1): 25/25/40/40A
Auxiliar: 1NO1NC

Contactor code MC3
In(AC-3): 32/40A
Ith(AC-1): 50/60A
Auxiliar: 2NO2NC

Contactor code MC3
In(AC-3): 50/65/75/85A
Ith(AC-1): 80/100/110/135A
Auxiliar: 2NO2NC

Contactor code MC3
In(AC-3): 100/130/150A
Ith(AC-1): 150/150/200A
Auxiliar: 2NO2NC

Contactor code MC3
In(AC-3): 185/225A
Ith(AC-1): 230/260A
Auxiliar: 2NO2NC

Contactor code MC3
In(AC-3): 265-500A
Ith(AC-1): 350-700A
Auxiliar: 2NO2NC

Thermal relay
Code: MT3-22
In: 1-22A

Thermal relay
Code: MT3-40
In: 4-40A

Thermal relay
Code: MT3-85
In: 7-85A

Thermal relay
Code: MT3-150
In: 34-150A

Thermal relay
Code: MT3-225
In: 65-240A

Thermal relay
Code: MT3-630
In: 220-630A

Catalogue
AC Contactor



Dry Power Capacitors
Rated voltage: 240-525V
Power range: 5-30kVAr

Capacitor code M
Code: BDCxxxxM
Capacity: 5kVAr

Capacitor code M
Code: BDCxxxxM
Capacity: 10-30kVAr

Capacitor code I
Code: BDCxxxxI
Capacity: 5kVAr

Capacitor code I
Code: BDCxxxxI
Capacity: 10-30kVAr

Intelligent Capacitor
Code: BIC1 (split phase)
Capacity: 5-30kVAr

Intelligent Capacitor
Code: BIC3 (three phase)
Capacity: 10-20kVAr

Intelligent Capacitor
Code: BIC3 (three phase)
Capacity: 30-60kVAr

Intelligent Capacitor
Code: BIC37 (anti-harmonic)
Capacity: 10-40kVAr

Intelligent Capacitor
Code: BIC37 (anti-harmonic)
Capacity: 50-70kVAr



Contactor code BCC
Operating: 5-25kVAr
Auxiliar: 1NO1NC

Contactor code BCC
Operating: 33-75kVAr
Auxiliar: 1NO2NC

Contactor code MC3
Operating: 9-60kVAr
Auxiliar: 1NO2NC

Switch Series code BCS
In: 45A
Auxiliar: 1NO1NC

Switch Series code BCS
In: 70A
Auxiliar: 1NO1NC

Discharge Reactor
Un:200-690V
Capacity: 5-100kVAr

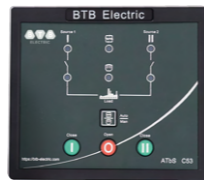
Reactor LV
Code: BRH3
Capacity: 10-20kVAr
Impedance ratio: 6/7/14%

Reactor LV
Code: BRH3
Capacity: 25-75kVAr
Impedance ratio: 6/7/14%

Reactor LV
Code: BRH3
Capacity: 80-100kVAr
Impedance ratio: 6/7/14%

Reactor MV
Code: BRH3 (7%)
Capacity: 100-2500kVAr
Rated voltage: 1-35kV

Catalogue
Electrical Quality Products



REALVALUE FOR LIFE

BTB ELECTRIC

Power Factor Relay
Code: PFR-96b
Port number: 6

Power Factor Relay
Code: PFR-60b/80b/120b
Port number: 6/8/12

Power Factor Relay-Z
Code: PFR-Z
Port number: 32

ATS control
Code: C56
ATS, 2ACB control

ATS control
Code: C53
ATS type TN/N control

ATS control
Code: Hanpro-1000
ATS type TN control



Active Harmonic Filter
Type: Drawer
Compensation current: 50-150A

Active Harmonic Filter
Type: Wall-mounted
Compensation current: 50-150A

Active Harmonic Filter
Type: Cabinet
Compensation current: 200-600A



User Manual ACB **User Manual** MCCB **User Manual** ATS **User Manual** AHF **User Manual** Capacitor BIC **User Manual** Capacitor BDC **User Manual** Conatctor **User Manual** PFR **User Manual** PFR-Z **User Manual** ATS control