

# General characteristics

## General description for residential breakers

### Miniature Circuit Breakers

#### DIN rail mounting

45mm slot size  
17.8mm width per pole

#### Type BKN-b

IEC60898 type MCB  
1 to 4pole up to 63A & 10kA



see details (p. 20)

#### Type BKN

IEC60898 type MCB  
1 to 4pole up to 63A & 6kA



see details (p. 13)

#### Bolt on

50mm slot size  
60mm depth



see details (p. 34)

#### Type BF

American type MCB  
1 to 3pole up to  
100A & 10kA (BF-a)  
100A & 5kA (BF-c)  
50A & 2.5kA (BF)  
100A & 10kA  
(BFa-LUG; 3 pole only)



see details (p. 32)

#### Type ABS-Fb

IEC type MCCB  
2 & 3pole up to  
100A & 10kA

#### Bolt on

36mm slot size  
42mm depth



see details (p. 38)

#### Type BS

Economic type MCCB  
2 & 3pole up to 30A  
& 1.5kA

#### Plug in

56mm slot size  
60mm depth



see details (p. 36)

#### Type BF-Plug

1 to 3pole up to  
50A, 10kA  
Connection by  
lug terminal

# Residual Current Circuit Breakers



## Type RKN

IEC1008 type RCCB  
2 & 4pole up to 63A  
 $I_{\Delta n}$ =30, 100, 300mA

see details (p. 30)



## Type KGR

Electronic type RCCB  
2pole up to 30A, 1.5kA  
 $I_{\Delta n}$ =30mA

see details (p. 28)



## Type EBS-Fb

Electronic type RCCB  
2 & 3pole up to 100A, 10kA  
 $I_{\Delta n}$ =30, 100mA

see details (p. 32)



## Type GR

Electronic type RCCB  
2 & 3pole up to 30A, 2.5kA  
 $I_{\Delta n}$ =30mA

see details (p. 38)

