

Operation time $t(s)$

10000

1000

100

10

1

0.1

0.01

Characteristic Curve

BMA630-HED/RED

BMA800-HED/RED

Long time delay trip current
 $I_r = (0.4 \sim 1) I_n$

Operation time of long time delay trip ($2I_r$)
 $T_r = (20 \sim 160) s \pm 20\%$

Short time delay trip current
 $I_{sd} = (2 \sim 10) I_r \pm 15\%$

Operation time of short time delay trip
 $T_{sd} = (0.06 \sim 0.4) s \pm 20\% (or \pm 0.03s)$

Inst. trip current
 $I_i = (1.5 \sim 12) I_n \pm 15\%$

Max. breaking time

$I^2 t$ on

$I^2 t$ off

0.1

1

10

10

100

$\times I_r$

$\times I_n$

