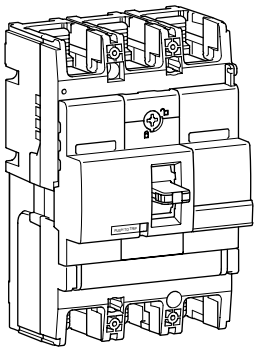
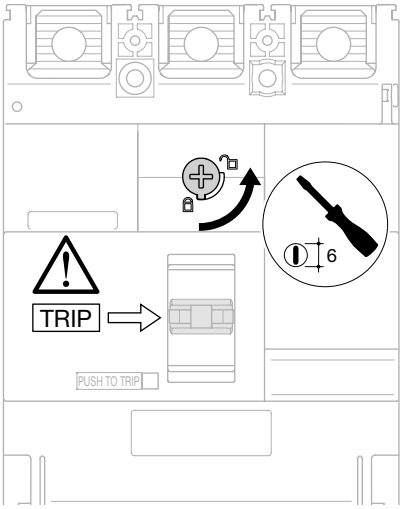
MCCBs



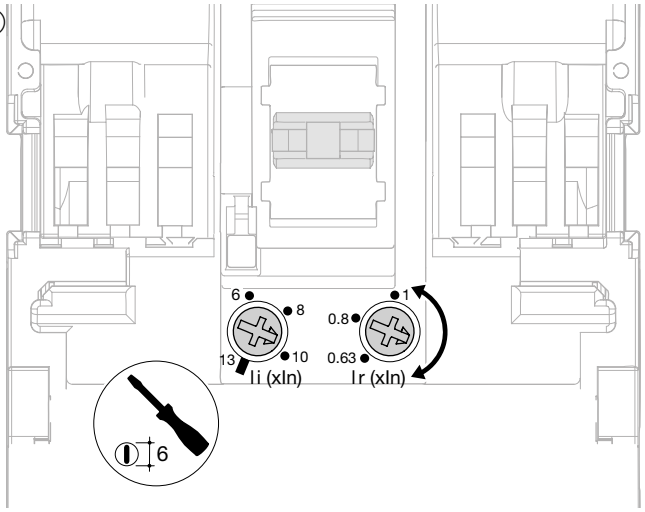
		220/240V AC IEC 60 947-2	380/415V AC IEC 60 947-2
HHB	Icu	35 kA	25 kA
	Ics	25 kA	20 kA
HNB	Icu	85 kA	40 kA
	Ics	40 kA	20 kA
HCB	Icm	-	9 kA
	Icw	-	3 kA - 1s

Magnetic and thermal settings

①



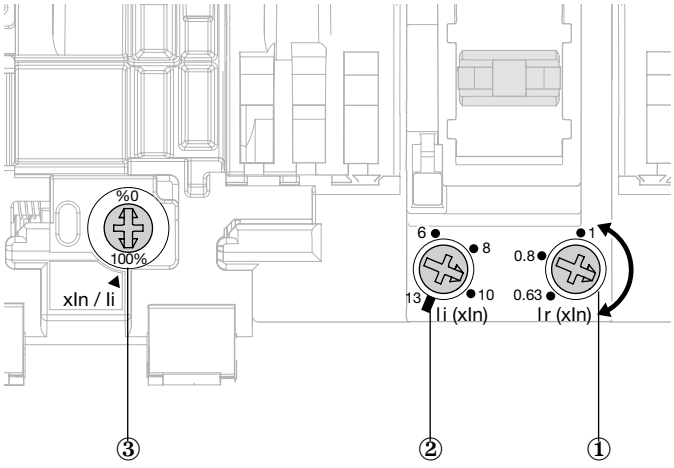
②



Thermal adjustment from 0.63 to 1 x I_n

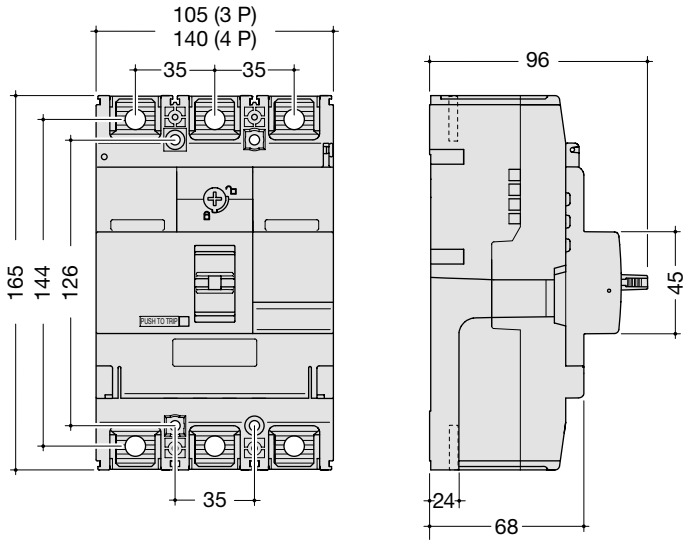
Magnetic adjustment from 6 to 13 x I_n (100 - 200A)
from 5 to 11 x I_n (250A)

	100 - 200A	250A
I_r (x I_n) ①	0.63 - 0.8 - 1 x I_n	
I_i (x I_n) ②	6 - 8 - 10 - 13 x I_n	5 - 7 - 9 - 11 x I_n
x I_n/I_i ③	0 - 100%	
	0 - 60%	

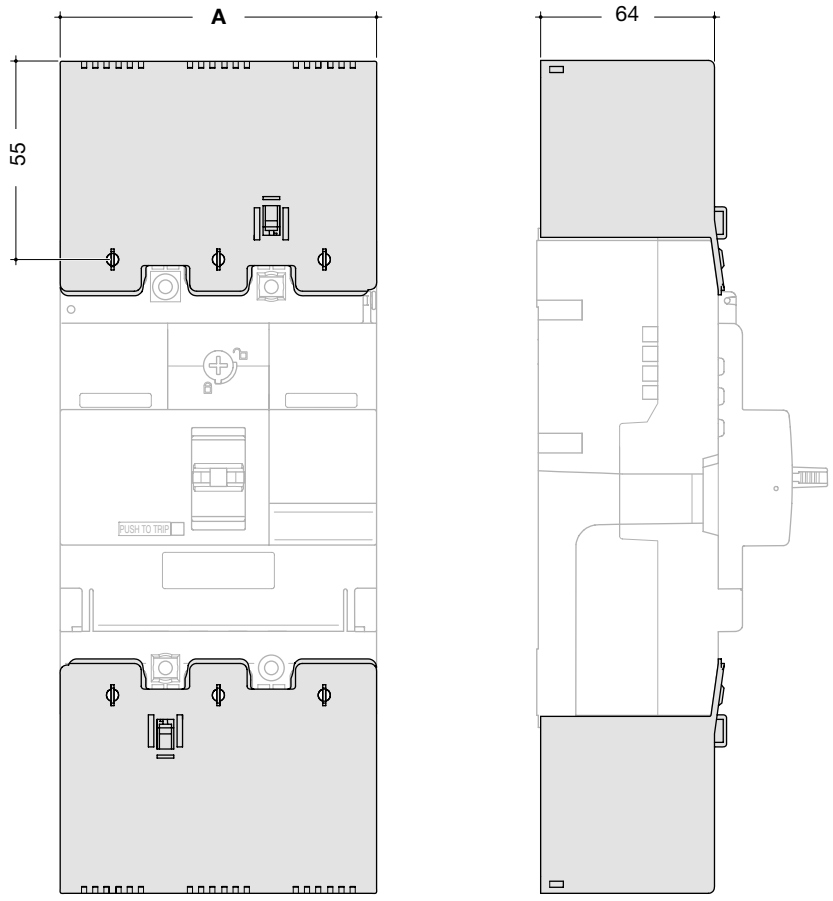


Dimensions

MCCB x250

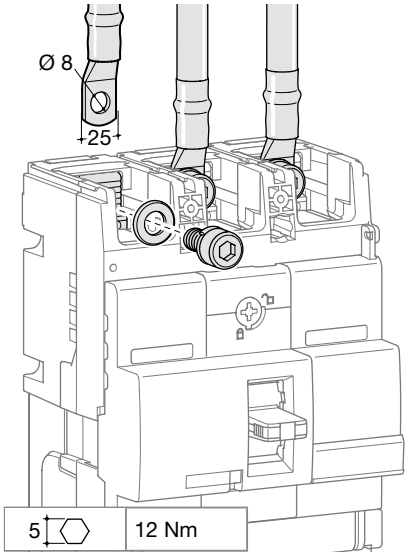


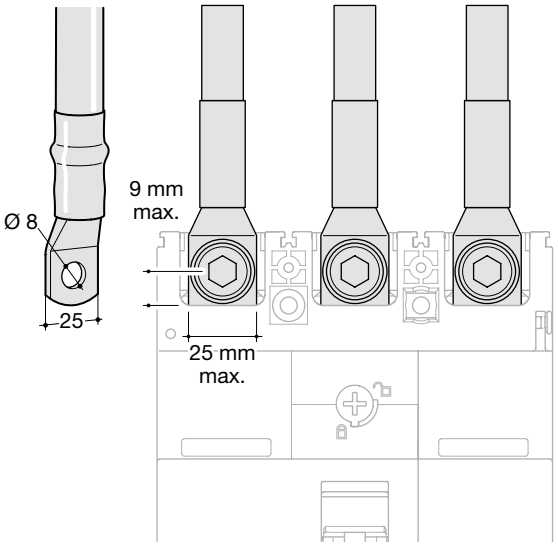
Terminal covers for extended straight connections



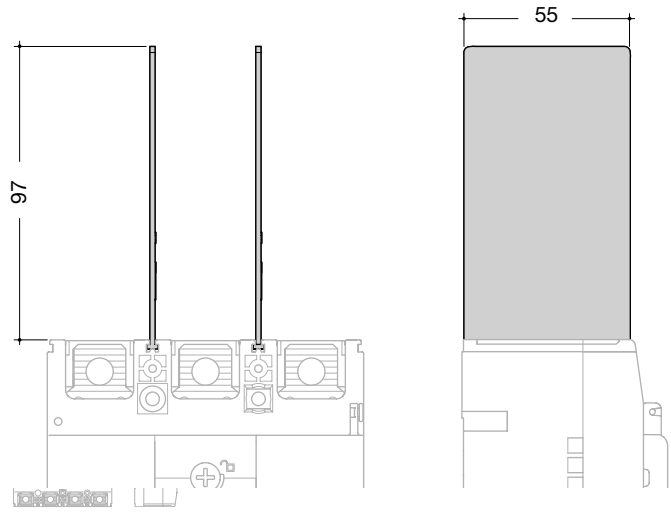
	A (mm)
3P	105
4P	140

Connection with end lugs





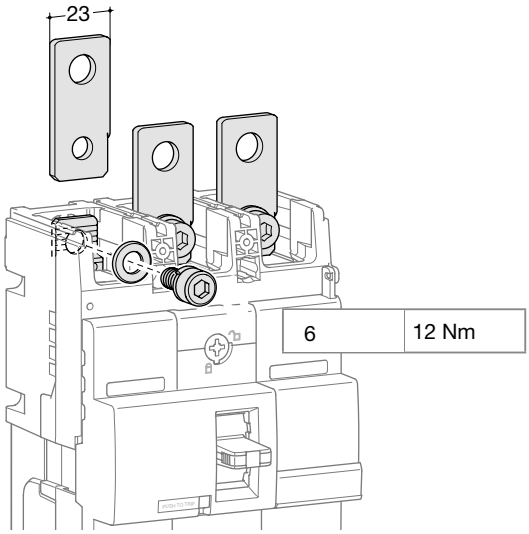
Interphase barriers

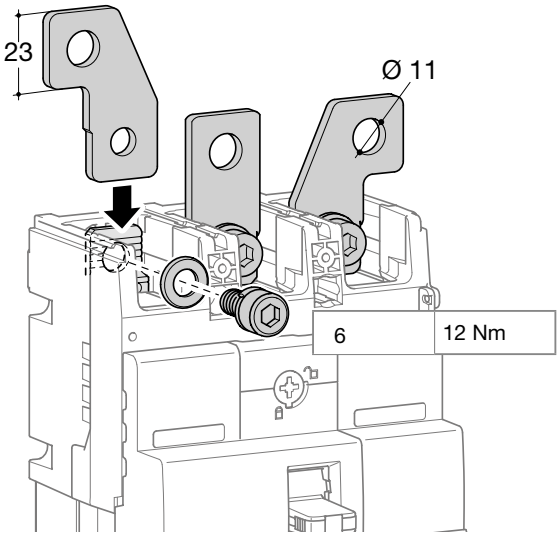


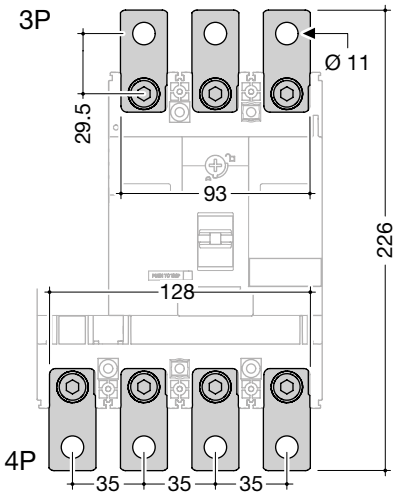
6

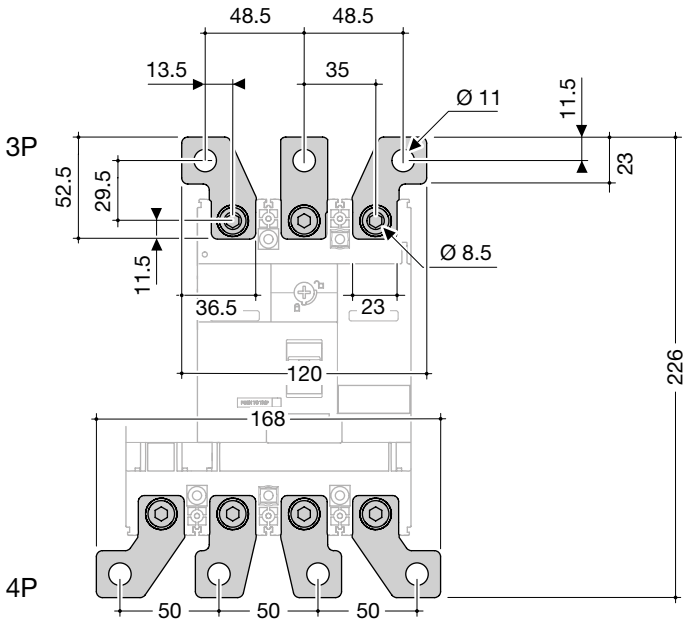
Connection

Extended straight and spreader connections



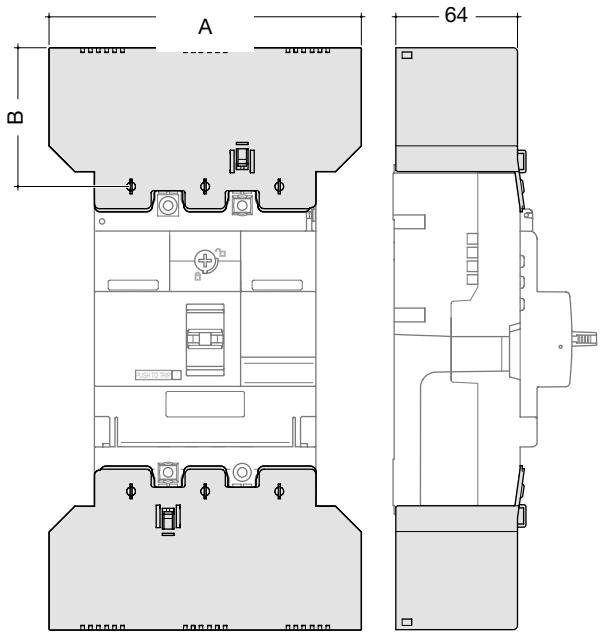






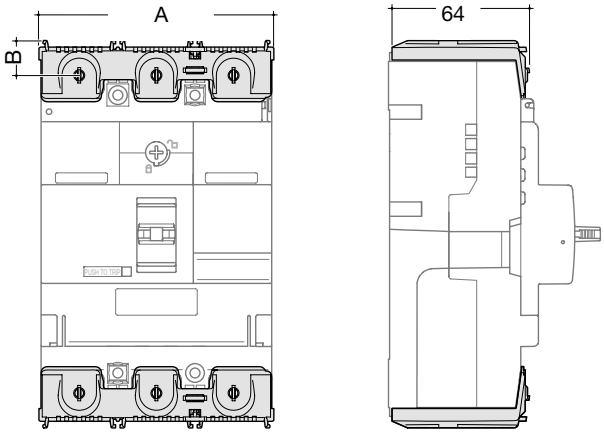
Accessories

Terminal cover for extended spreader connections



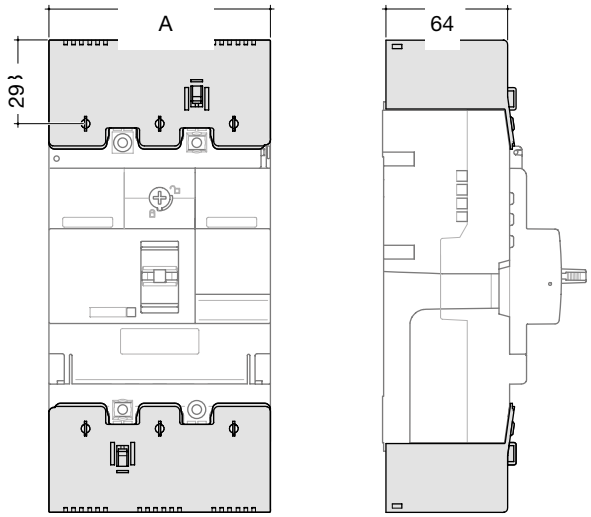
	A (mm)	**B** (mm)	**C** (mm)
3P	147.5	54.5	64
4P	196	54.5	64

Terminal cover for rear connections



	A (mm)
3P	105
4P	140

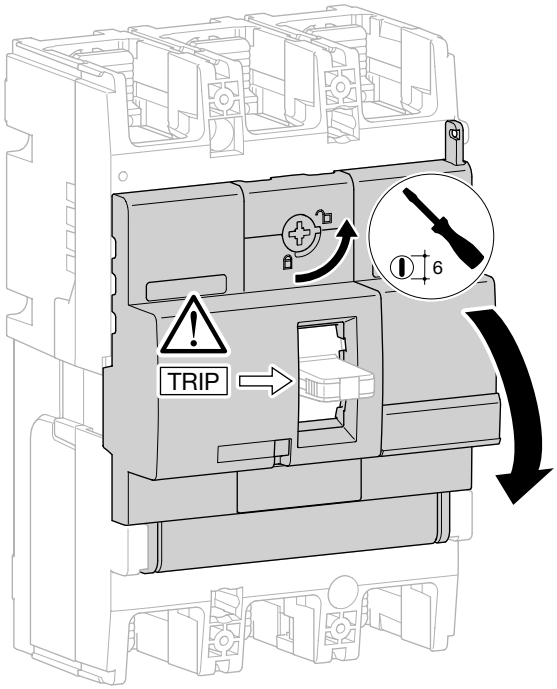
Terminal covers for collar terminals



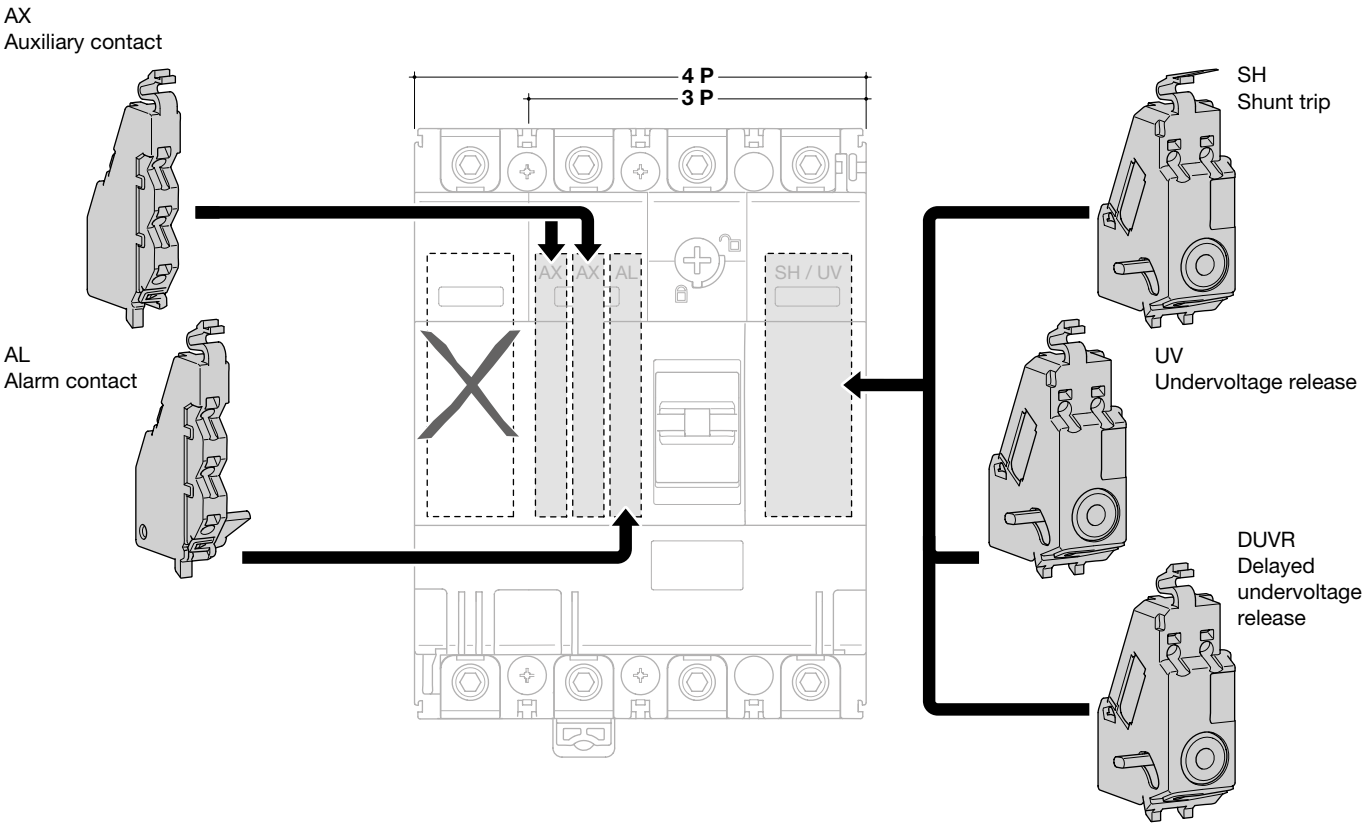
	A (mm)
3P	105
4P	140

Auxiliaries

Auxiliaries for MCCBs and moulded case switches

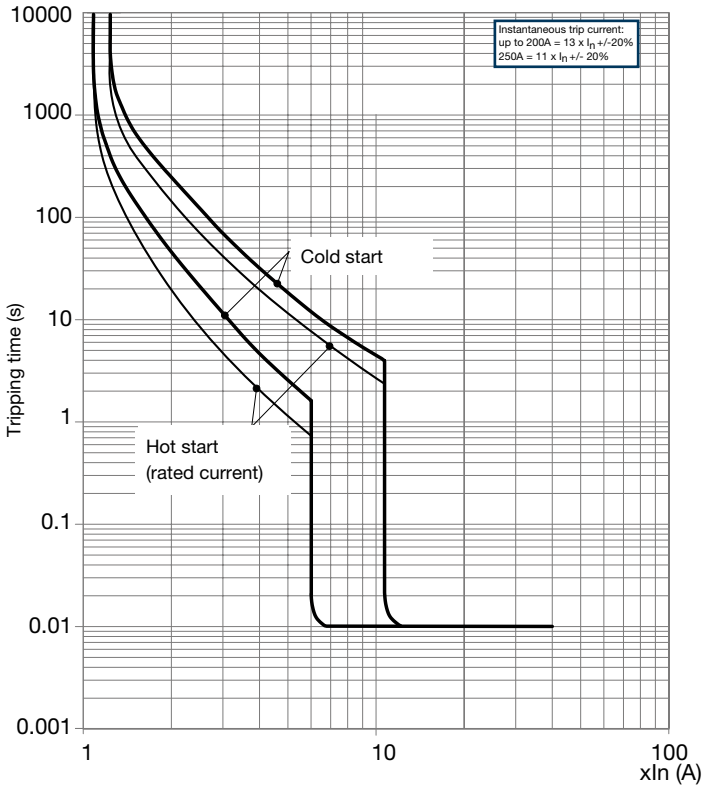


Mounting combination for auxiliaries and releases



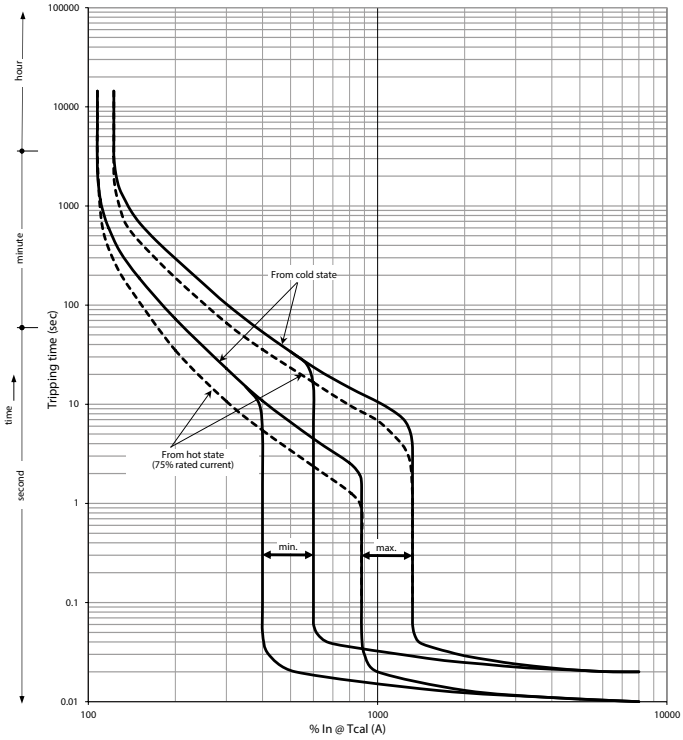
Tripping curve

MCCB x250



Tripping curve

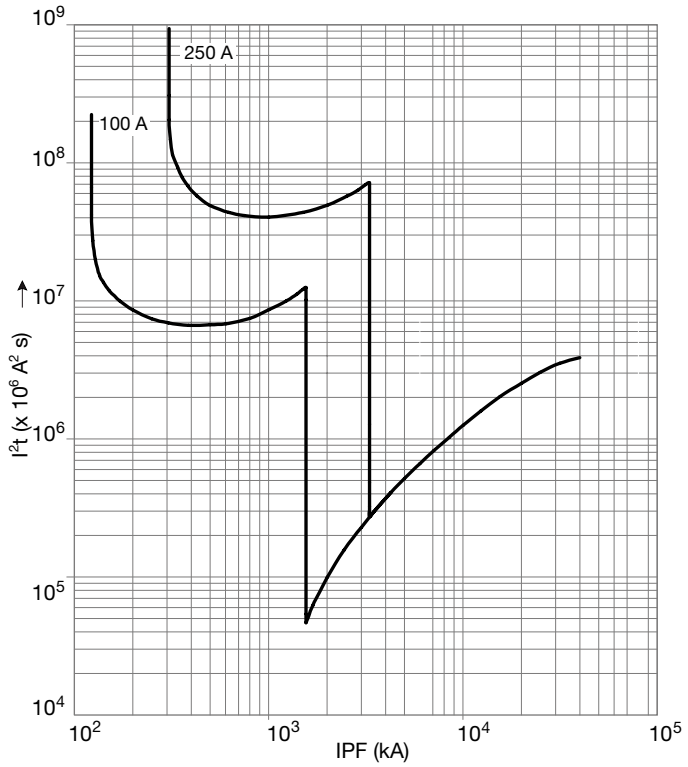
MCCB h250 TM



Earth fault loop impedance (Zs) can be calculated from the formula
$Zs \leq \frac{230 \times 0.95}{I_a}$
Where $I_a = I_n$ of MCCB x mag setting x 1.2

Thermal constraint curve at 400V (Let-through energy)

MCCB x250



Current limiting curve at 400V (Let-through peak current)

MCCB x250