


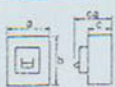




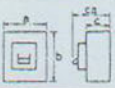


MOLDED CASE CIRCUIT BREAKER (MAGNETIC SHUNT TRIP TYPE E)

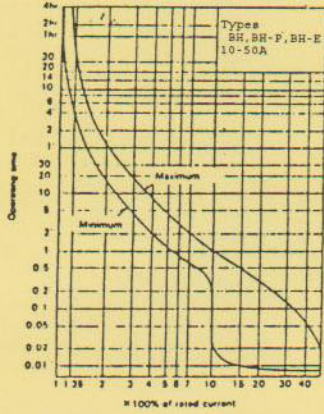
FRAME (A)		30		50		60		100			
ITEM NO.		NF30-CB		NF50-CS		NF60-CS		NF100-CS			
PICTURE											
AMPERE RATING (A) AT AMBIENT TEMPERATURE 40° C (MARINE USE: 45° C)		6, 10, 15, 20, 30		10, 15, 20, 30, 40, 50		60		(50), 60, 75, 100			
NUMBER OF POLES		2	3	2	3	2	3	2	3		
RATED VOLTAGE (V)		250		600		600		600			
		DC		250'		250'		250'			
INTERRUPTING CAPACITY (KA)	IEC (IEC157-1) (BS4752-1) P1/P2	AC	500V	-	2.5/1	2.5/1	7.5/5				
			415V	-	2.5/1.5	2.5/1.5	10/7.5				
			380V	-	5/2.5	5/2.5	18/10				
			240V	2.5	5/5	5/5	25/20				
		DC	250V	-	2.5	-	2.5	-	2.5	-	
			550V	-	1.5	-	1.5	-	7.5	-	
	JIS	AC	460V	-	2.5	2.5	10				
			220V	2.5	5	5	25				
		DC	250V	-	2.5	-	2.5	-	7.5	-	
			500V	-	2.5	-	2.5	-	10	-	
	NK, LR, BV, AB, GL	AC	250V	2.5	5	5	5				
			250V	-	2.5	-	2.5	-	7.5	-	
DIMENSIONS			A	45	67.5	50	75	50	75	60	90
			B	96		130		130		155	
			C	52		68		68		68	
			CA	67	86	86	86				
			WEIGHT (kg)	0.3	0.4	0.45	0.65	0.65	0.65	0.65	0.9
CONNECTION		CLAMP TERMINAL						TERMINAL SCREW			
AUTOMATIC TRIPPING DEVICE		HYDRAULIC-MAGNETIC									

FRAME (A)		250		400		630		800		
ITEM NO.		NF250-CS		NF400-CS		NF630-CS		NF800-CS		
PICTURE										
AMPERE RATING (A) AT AMBIENT TEMPERATURE 40° C (MARINE USE: 45° C)		125, 150, 175, 200, 225, 250		250, 300, 350, 400		500, 600, 630		630, 700, 800		
NUMBER OF POLES		3		3		3		3		
RATED VOLTAGE (V)		600		600		600		600		
		DC		250'		20'		-		
INTERRUPTING CAPACITY (KA)	IEC (IEC157-1) (BS4752-1) P1/P2	AC	500V	10/7.5	15/10	18/10	18/10	18/10	18/10	
			415V	15/10	25/18	35/25	35/25	35/25		
			380V	18/10	25/18	35/25	35/25	35/25		
			240V	25/20	35/25	50/35	50/35	50/35		
		DC	250V	10	20	20	20	-	-	
			550V	10	15	18	18	18	18	
	JIS	AC	460V	15	25	35	35	35		
			220V	25	35	50	50	50		
		DC	250V	10	20	20	20	-	-	
			500V	15	25	-	-	30	-	
	NK, LR, BV, AB, GL	AC	250V	25	35	50	50	-	-	
			250V	10	-	-	-	-	-	
DIMENSION			A	105	140	210	210	210	210	
			B	165	257	275	275	275	275	
			C	86	103	103	103	103	103	
			CA	110	132	155	155	155	155	
			WEIGHT (kg)	2.6	6.5	10	10	11	11	
CONNECTION		TERMINAL SCREW		BUSBAR		BUSBAR				
AUTOMATIC TRIPPING DEVICE		HYDRAULIC-MAGNETIC								

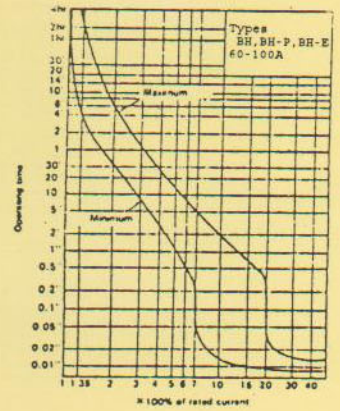
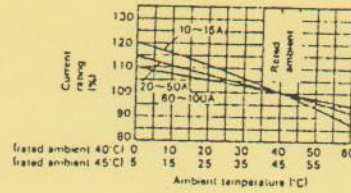
Type BH, BH-P, BH-E

OPERATING CHARACTERISTICS

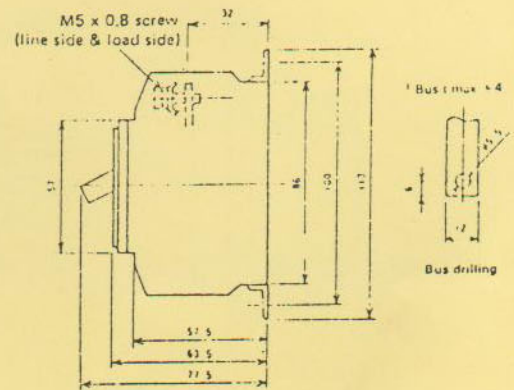
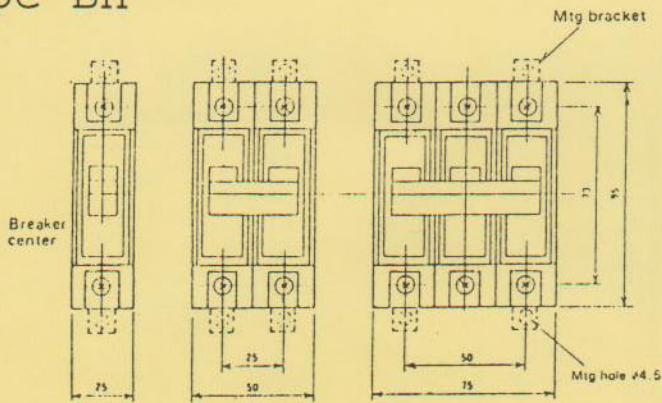
Operating Characteristics



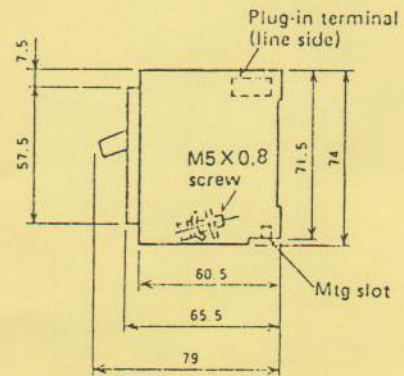
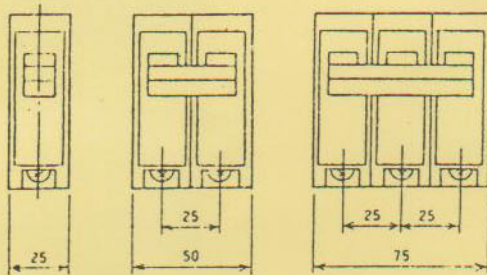
Ambient Compensation



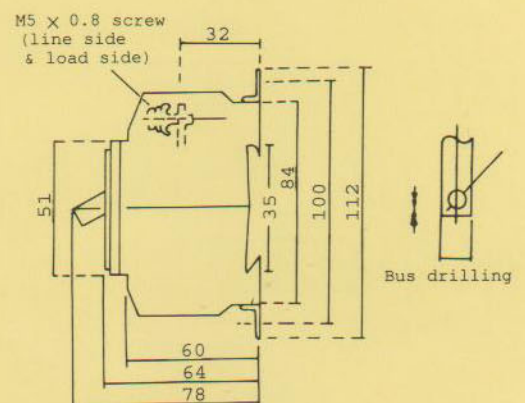
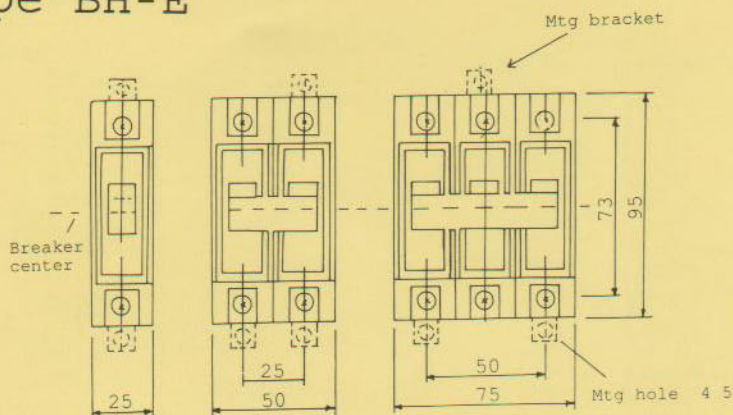
Type BH



Type BH-P

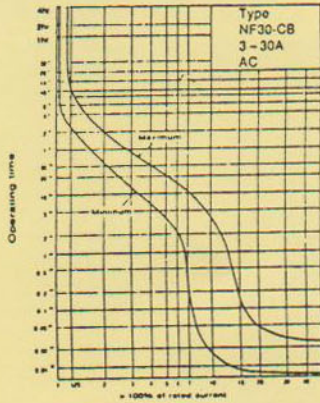


Type BH-E



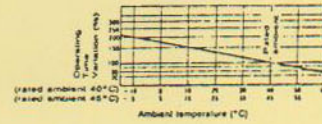
Type NF30-CB

Operating Characteristics

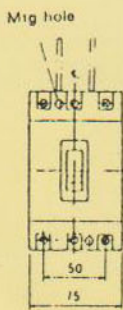


OPERATING CHARACTERISTICS

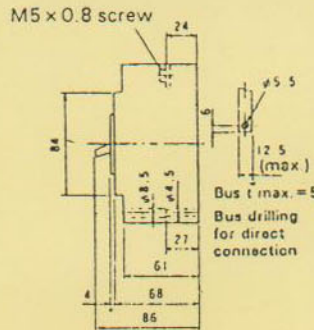
Ambient Compensation



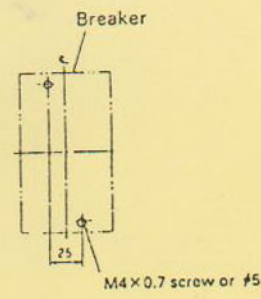
Type NF30-CB



3-pole



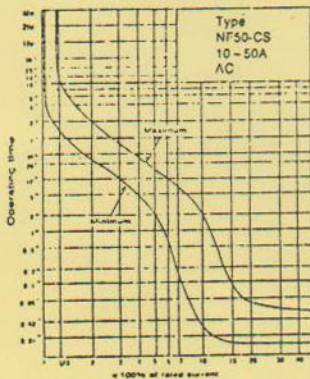
3-pole



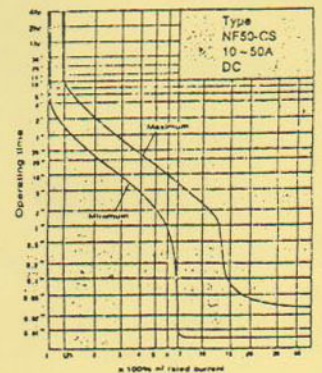
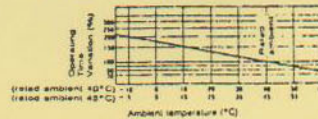
3-pole

Type NF50-CS

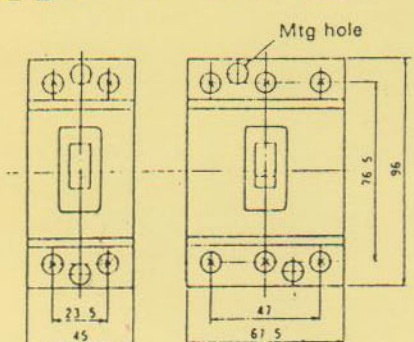
Operating Characteristics



Ambient Compensation

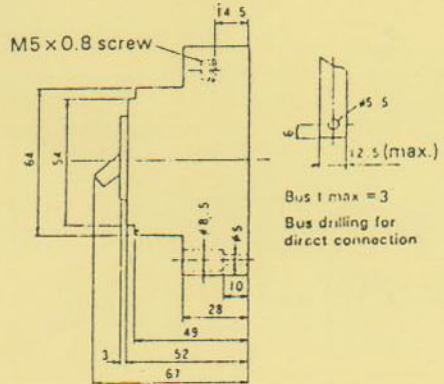


Type NF-50-CS

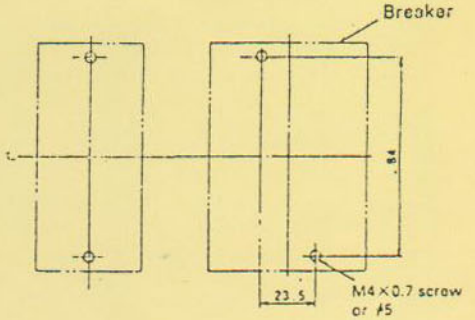


2-pole

3-pole



Bus I max = 3
Bus drilling for direct connection



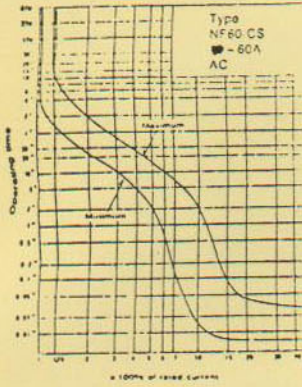
2-pole

3-pole

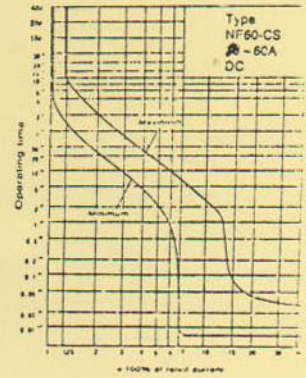
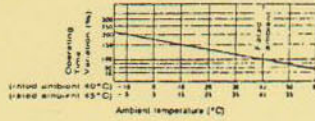
Type NF60-CS

Operating Characteristics

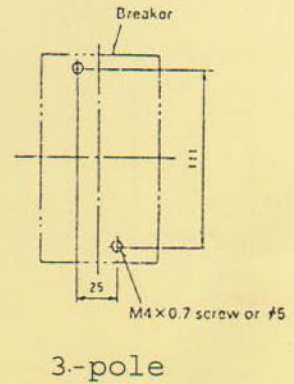
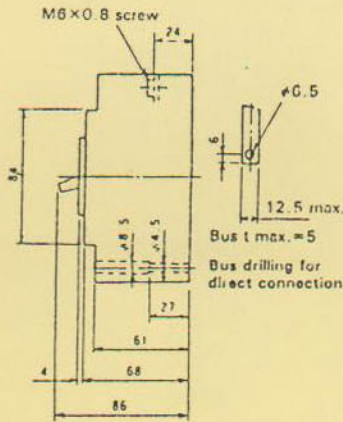
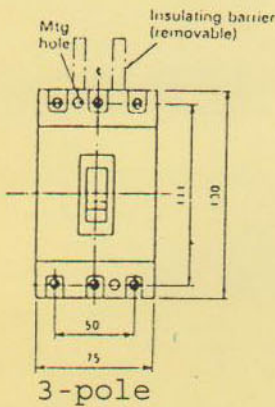
OPERATING CHARACTERISTICS



Ambient Compensation

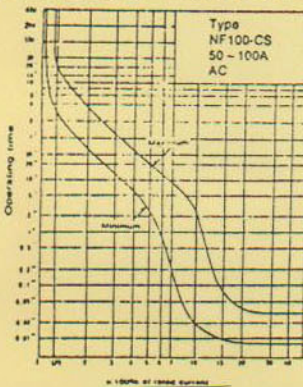


Type NF60-CS

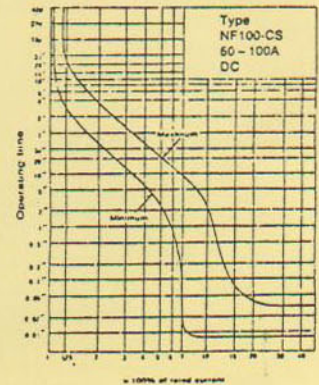


Type NF100-CS

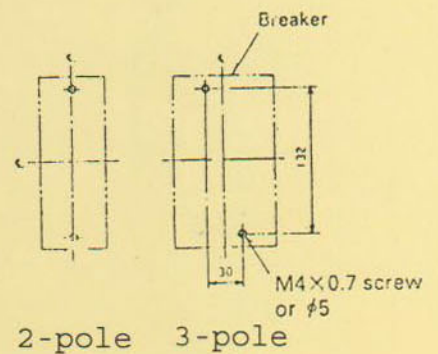
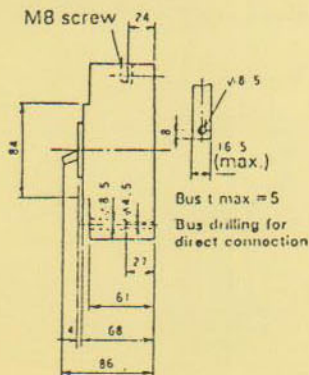
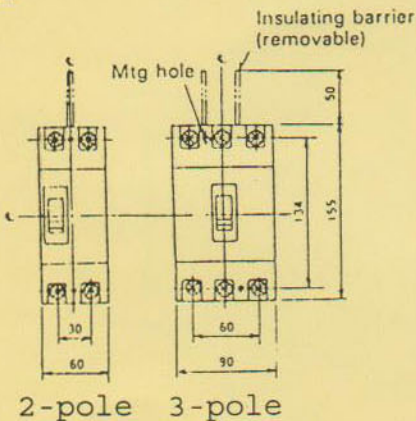
Operating Characteristics



Ambient Compensation



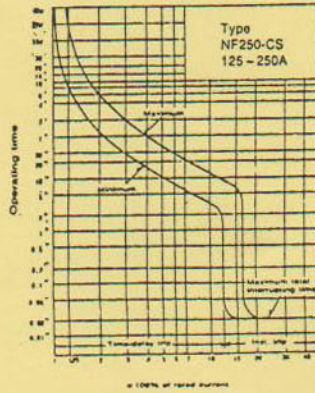
Type NF100-CS



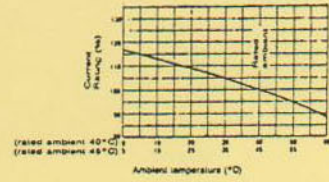
Type NF250-CS

OPERATING CHARACTERISTICS

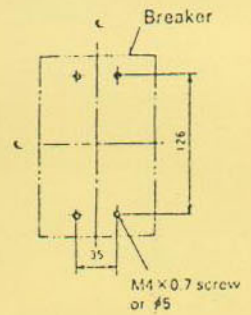
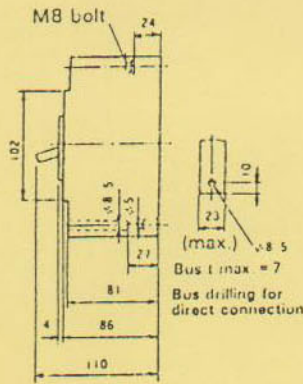
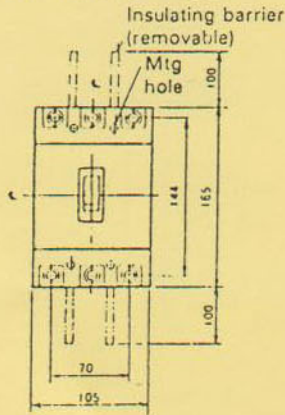
Operating Characteristics



Ambient Compensation

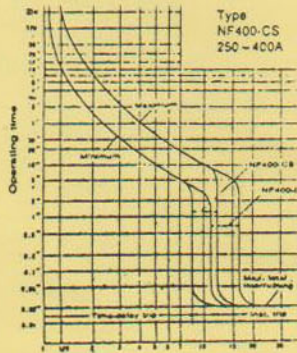


Type NF250-CS

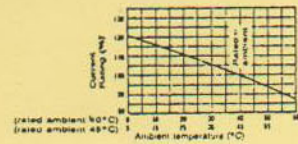


Type NF400-CS

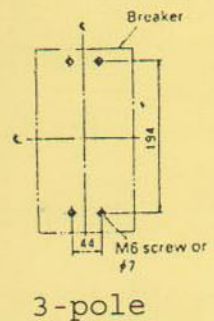
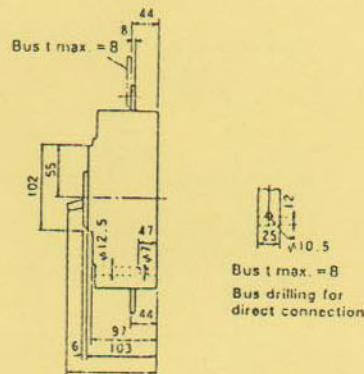
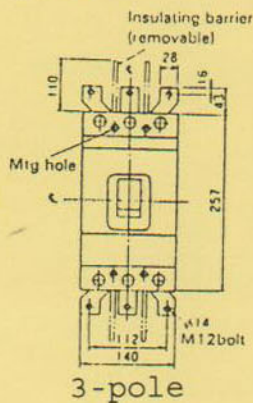
Operating Characteristics



Ambient Compensation



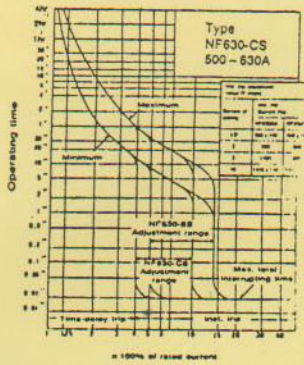
Type NF400-CS



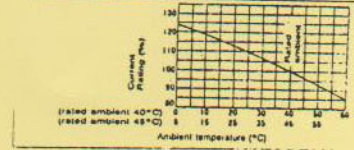
Type NF630-CS

OPERATING CHARACTERISTICS

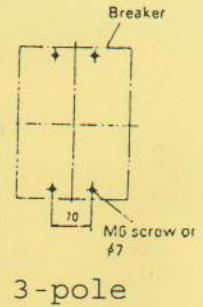
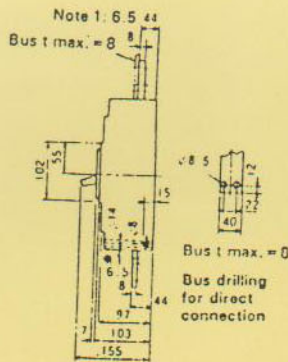
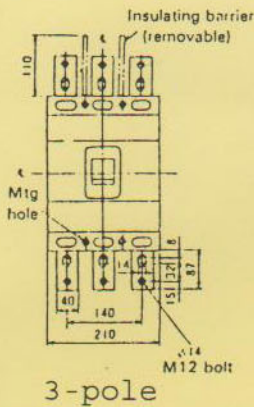
Operating Characteristics



Ambient Compensation

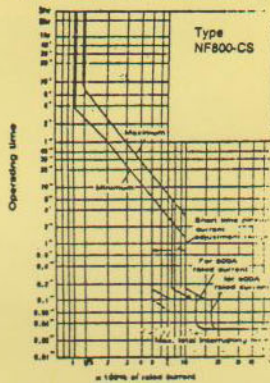


Type NF630-CS

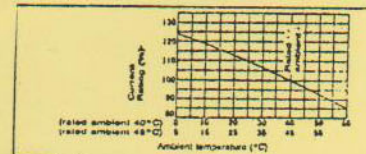


Type NF800-CS

Operating Characteristics



Ambient Compensation



Type NF800-CS

