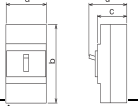


ENGINEERING SHEET	TITLE HITACHI FUSE FREE BREAKER	CODE	WORK CODE
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Ampere Frame (AF)		250				
Type		F-250FB	F-250KC	F-250GB		
Number of Poles		4	4	4		
Rate Current (A) (Base Ambient Temperature 40°C)		125, 150, 175, 200, 225, 250	125, 150, 175, 200, 225, 250	125, 150, 175, 200, 225, 250		
Rate Insulation Voltage Ui (V)		690	690	690		
Rate Impulse Withstand Voltage Uimp (kV)		8	8	8		
Rate Breaking Capacity (kA)	IEC 60947-2 (Icu/Ics)	AC690V	-	-	-	
		AC440V	30/30	50/50	65/65	
		AC415V	30/30	50/50	70/70	
		AC400V	30/30	50/50	75/75	
		AC380V	30/30	50/50	75/75	
		AC240V	85/85	85/85	100/100	
		AC230V	85/85	85/85	100/100	
		DC250V	-	-	-	
Dimension (mm)		a	140	140	140	
		b	165	165	165	
		c	103	103	103	
		d	127	127	127	
Net Weight (kg)		3.1	3.1	3.1		
Automatic Tripping Device		Thermal-Magnetic	Thermal-Magnetic	Thermal-Magnetic		
Interior Accessories	Alarm Switch (AL)	AL-1C	○	○	○	
		AL-2C	-	-	-	
	Auxiliary Switch (AUX)	AUX-1C	○	○	○	
		AUX-2C	-	-	-	
	Alarm Switch (AL) + Auxiliary Switch (AUX)	AL-1C- AUX-1C	○	○	○	
		AL-1C- AUX-2C	-	-	-	
	Shunt Trip (SHT)		○	○	○	
Undervoltage Trip (UVT)		○	○	○		
Terminal Block (TBA)		○	○	○		
Exterior Accessories	Rear-Connecting Stud	(STB)	-	-	-	
		(BSD)	○	○	○	
	Flush Mounting Base Assembly (GKW-STB)		-	-	-	
	Flush Mounting Base Assembly (GK- GKW-BSD)		○	○	○	
	Drawout Assembly (PDK)		-	-	-	
	Plug-in Mounting Base Assembly (PK)		○	○	○	
	Mechanical Interlock (MIW)		○ (MIW-4H)	○ (MIW-4H)	○ (MIW-4H)	
	Motor-Operating Mechanism (MMK/MMK-C/MMK-S)		-	-	-	
	Lock Cover (LC)		○ (LC-4H)	○ (LC-4H)	○ (LC-4H)	
	Handle Lock (HL)		○	○	○	
	Handle Operating Mechanism	HA	○ (HA-206)	○ (HA-206)	○ (HA-206)	
		HM	○ (HM-S21)	○ (HM-S21)	○ (HM-S21)	
	Terminal Cover (TMC)	Front type	Std.	○ (TMC-4H)	○ (TMC-4H)	○ (TMC-4H)
			Short	-	-	-
Long			-	-	-	
	Rear type	BTC	○ (BTC-4H)	○ (BTC-4H)	○ (BTC-4H)	
IEC Rial 35 mm.		-	-	-		
Trip Button		●	●	●		
Phase Separator		●	●	●		

Note :
○ = Option
● = Standard

Reference : DWG JP No. 43069738, 43064790.

SYM.	REVISION	DATE	REVD.	CHKD.	APPD.
DWN.	O.SITTICHAJ	15/6/2020			
CHKD.	Ch.Chonticha	15/6/2020			
	M.Somkiat				
APPD.	S.Sugai	15/6/2020			
HITACHI Hitachi Industrial Technology (Thailand), Ltd.			HITT WORK DWG. NO. 4HTN001228		SH. REV 1 00