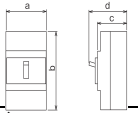



ENGINEERING SHEET	TITLE HITACHI FUSE FREE BREAKER	CODE	WORK CODE
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Ampere Frame (AF)		100			
Type		F-100KB	F-100GB		
Number of Poles		4	4		
Rate Current (A) (Base Ambient Temperature 40°C)		15, 20, 30, 40, 50, 60, 75, 100	15, 20, 30, 40, 50, 60, 75, 100		
Rate Insulation Voltage Ui (V)		690	690		
Rate Impulse Withstand Voltage Uimp (kV)		8	8		
Rate Breaking Capacity (kA)	IEC 60947-2 (Icu/Ics)	AC690V	-	-	
		AC440V	50/50	65/65	
		AC415V	50/50	70/70	
		AC400V	50/50	75/75	
		AC380V	50/50	75/75	
		AC240V	85/85	100/100	
		AC230V	85/85	100/100	
		DC250V	-	-	
DC125V	-	-			
Dimension (mm)		a	120	120	
		b	150	150	
		c	86	86	
		d	106	106	
Net Weight (kg)		2.3	2.3		
Automatic Tripping Device		Full Magnetic	Full 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)	○ (STB-2) : 50A or Less)	○ (STB-2) : 50A or Less)	
			○ (STB-3J) : 60A or More)	○ (STB-3J) : 60A or More)	
		(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-3D)	○ (MIW-3D)	
	Motor-Operating Mechanism (MMK/MMK-C/MMK-S)		○ (MMK-S)	○ (MMK-S)	
	Lock Cover (LC)		○ (LC-2C)	○ (LC-2C)	
	Handle Lock (HL)		○	○	
	Handle Operating Mechanism	HA	○ (HA-106)	○ (HA-106)	
		HM	○ (HM-S11)	○ (HM-S11)	
	Terminal Cover (TMC)	Front type	Std.	○ (TMC-3C)	○ (TMC-3C)
			Short	-	-
Long			-	-	
	Rear type	BTC	○ (BTC-3C)	○ (BTC-3C)	
IEC Rial 35 mm.		-	-		
Trip Button		●	●		
Phase Separator		●	●		

Note :
○ = Option
● = Standard

Reference : DWG JP No. 33059407.

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.

4HTN001225

SH. REV

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