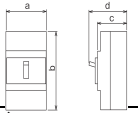



<b>ENGINEERING SHEET</b>	TITLE <b>HITACHI FUSE FREE BREAKER</b>	CODE	WORK CODE
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Ampere Frame (AF)		125					
Type		FXK125-S		FXK125-M			
Number of Poles		2	3	2	3		
Rate Current (A) (Base Ambient Temperature 40°C)		15, 20, 32, 40, 50 63, 75, 100, 125		15, 20, 32, 40, 50 63, 75, 100, 125			
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	30/30		36/36		
		AC415V	30/30		36/36		
		AC400V	30/30		36/36		
		AC380V	30/30		36/36		
		AC240V	50/50		70/70		
		AC230V	50/50		70/70		
		DC250V	25/13		25/13		
DC125V	25/13		25/13				
Dimension (mm)		a	60	90	60	90	
		b	150		150		
		c	68		68		
		d	94		94		
Net Weight (kg)		0.8	1.1	0.8	1.1		
Automatic Tripping Device		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)	○ (STB-2S : 50A or Less)		○ (STB-2S : 50A or Less)		
		(BSD)	○ (BSD-3S : 60A or More)		○ (BSD-3S : 60A or More)		
	Flush Mounting Base Assembly (GKW-STB)		○ (50A or Less)		○ (50A or Less)		
	Flush Mounting Base Assembly (GK-GKW-BSD)		○ (60A or More)		○ (60A or More)		
	Drawout Assembly (PDK)		-		-		
	Plug-in Mounting Base Assembly (PK)		○		○		
	Mechanical Interlock (MIW)		○ (MIW-3H)		○ (MIW-3H)		
	Motor-Operating Mechanism (MMK/MMK-C/MMK-S)		-		-		
	Lock Cover (LC)		○ (LC-4J)		○ (LC-4J)		
	Handle Lock (HL)		○ (HL-4J)		○ (HL-4J)		
	Handle Operating Mechanism	HA	-		-		
		HM	-	○ (HM-S13)		-	○ (HM-S13)
	Terminal Cover (TMC)	Front type	Std.	○ (TMC-2C)		○ (TMC-2C)	
Short			-		-		
Long			-		-		
	Rear type	BTC	○ (BTC-2C)		○ (BTC-2C)		
IEC Rial 35 mm.		-		-			
Trip Button		●		●			
Phase Separator		●		●			

Note :  
○ = Option  
● = Standard

Reference : DWG JP No. 33059410.

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.  
**4HTN001223**

SH. REV  

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