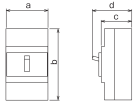


ENGINEERING SHEET		TITLE		HITACHI FUSE FREE BREAKER		CODE	WORK CODE	
Ampere Frame (AF)		100		225		400		
Type		L-100E		L-225E		L-400E		
Number of Poles		3	4	3	4	3	4	
Rate Current (A) (Base Ambient Temperature 40°C)		15, 20, 30, 40, 50, 60, 75, 100		125, 150, 175, 200, 225		250, 300, 350, 400		
Rate Insulation 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	125/32	125/32	125/32	125/32	125/32	
		AC415V	125/32	125/32	125/32	125/32	125/32	
		AC400V	125/32	125/32	125/32	125/32	125/32	
		AC380V	125/32	125/32	125/32	125/32	125/32	
		AC240V	175/88	175/88	175/88	175/88	175/88	
		AC230V	175/88	175/88	175/88	175/88	175/88	
		DC250V	-	-	-	-	-	-
DC125V	-	-	-	-	-	-		
Dimension (mm)		a	90	120	140	185	140	185
		b	150		257		257	
		c	103		103		103	
		d	123		133		133	
Net Weight (kg)		2	2.5	5.2	7	5.6	8.2	
Automatic Tripping Device		Full 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	-	○	○	○		
		AL-2C- AUX-2C	-	○ (Cannot join TBA)	○ (Cannot join TBA)	○ (Cannot join TBA)		
	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)		-	○ (GK)	○ (GK)	○ (GK)		
	Drawout Assembly (PDK)		-	-	-	-		
	Plug-in Mounting Base Assembly (PK)		○	○	○	○		
	Mechanical Interlock (MIW)		○ (MIW-3E)	○ (MIW-5D)	○ (MIW-5D)	○ (MIW-5D)		
	Motor-Operating Mechanism (MMK/MMK-C/MMK-S)		○ (MMK-S)	○ (MMK-C)	○ (MMK-C)	○ (MMK-C)		
	Lock Cover (LC)		○ (LC-2C)	-	-	-		
	Handle Lock (HL)		○	○ (HL-5)	○ (HL-5)	○ (HL-5)		
	Handle Operating Mechanism	HA	○ (HA-106)	○ (HA-405)	○ (HA-405)	○ (HA-405)		
		HM	○ (HM-S11)	○ (HM-405)	○ (HM-405)	○ (HM-405)		
	Terminal Cover (TMC)	Front type	Std.	○ (TMC-3C)	○ (TMC-5C) ○ (TMC-5B)	○ (TMC-5C) ○ (TMC-5B)		
			Short	-	-	-		
Long			-	-	-			
	Rear type	BTC	○ (BTC-3C)	○ (BTC-5B) -	○ (BTC-5B) -			
IEC Rial 35 mm.		-	-	-	-			
Trip Button		●	●	●	●			
Phase Separator		●	●	●	●			
Note : ○ = Option ● = Standard								
Reference : DWG JP No. 43064803, 43064804, 43064805.								
SYM.	REVISION			DATE	REVD.	CHKD.	APPD.	
DWN.	O.SITTICHAJ	15/6/2020	HITACHI Hitachi Industrial Technology (Thailand),Ltd.		HITT WORK DWG. NO. 4HTN001237		SH.	REV
CHKD.	Ch.Chonticha	15/6/2020					1	00
APPD.	M.Somkiat	15/6/2020					1	00
	S.Sugai	15/6/2020						