



**COMPONENT-MATERIAL  
ENGINEERING SPECIFICATION**


Part No.	800-087-34	REV	01
Ref. Code	409		
U.O.M.	EA		
Engg. Ref.	CAC/ CHILLER		

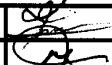
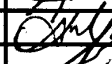
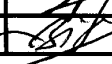
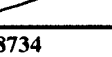
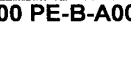
**Part Description : CIRCUIT BREAKER; 3 POLES; 100 to 125 AMPS /500 VOLTS/50/60Hz  
TO BE USE FOR ; CHILLER AND CAC**

P3-1

**PART 'A' ; BASIC REQUIREMENTS**

<b>PRODUCT RATING (AMPS/ VOLTS/ Hz)</b>	<b>100 to 125 AMPS/ 500VOLTS/ 50Hz/ 60Hz</b>
<b>TYPE</b>	<b>THERMAL MAGNETIC CIRCUIT BREAKER</b>
<b>No. OF POLES</b>	<b>3 POLES</b>
<b>MAGNETIC TRIP CHARACTERISTICS</b>	<b>9 In</b>
<b>THERMAL RATING (AMPS)</b>	<b>100 TO 125 AMPS</b>
<b>OPERATING AMBIENT TEMPERATURES</b>	<b>55° C</b>
<b>CERTIFICATION DESIRED</b>	<b>EN 60947-2; IEC 60947-2</b>
<b>LABEL MARKING</b>	<b>ITEM MUST BE MARKED WITH THE RESPECTIVE OPERATING VOLTAGE, CURRENT RATING AND VENDOR MODEL.</b>

**QUALIFIED**  
 QA      200905  
 DATE

<b>ALL DIMENSIONS ARE IN mm</b>				<b>SHEET 1 of 4</b>		<b>SCALE : N.T.S</b>	
				<b>WRITER</b>	<b>AL-ALI. HUSAIN</b>		
				<b>INITIATOR</b>	<b>JESSIE</b>		
				<b>ENG. CHECK</b>	<b>AHMAD</b>		
				<b>VERIFIED</b>	<b>Moh'd Al Syyed</b>		
				<b>APPROVED</b>	<b>FAWAZ AL-BITAR</b>		
<b>01</b>	<i>Specs updated in new format</i>			<i>husain</i>	<b>Issue Date</b>	<b>10-09-2005</b>	
<b>REV</b>	<b>Revision Details</b>	<b>Designer</b>	<b>Rev.Date</b>	<b>File Ref.</b>	<b>Ziicnas\Eng-Specs\800\08734</b>		



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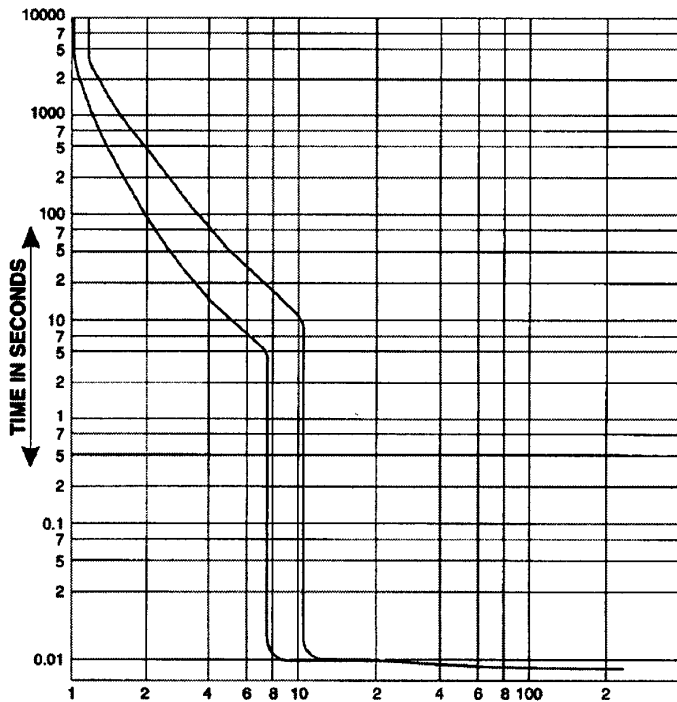
**Part Description : CIRCUIT BREAKER; 3 POLES; 100 to 125 AMPS /500 VOLTS/50/60Hz  
TO BE USE FOR ; CHILLER AND CAC**

**PART 'B' ; REFERENCE DATA**

P3-2

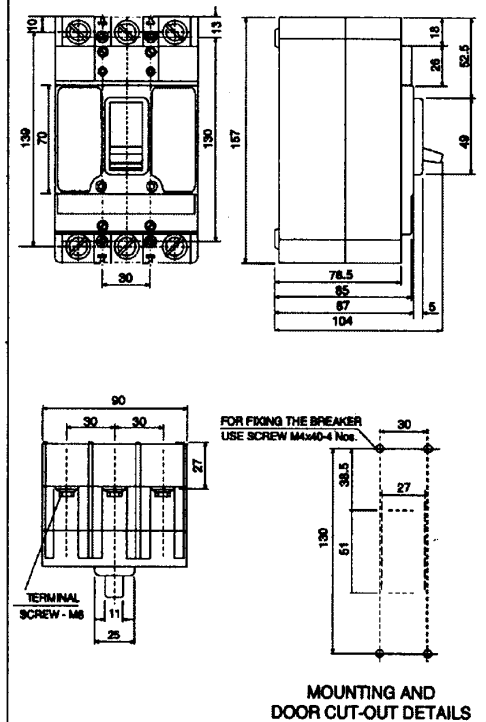
PACKING TYPE	MUST BE IN A BOX AND DUST PROOF
PACKING QTY.	1 PC PER PACKAGE
PACKING MARKING	VENDOR MODEL MUST BE WRITTEN ON THE PACKAGING

**DH 100/DH 125**



NOTE : MAGNETIC TRIPPING VALUES INDICATED AS  
MULTIPLE OF RATED CURRENT

**DH 100/125**



ALL DIMENSIONS ARE IN mm

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ALL DIMENSIONS ARE IN mm			SHEET 2 of 4		SCALE : N.T.S
	WRITER	AL-ALI. HUSAIN			
	INITIATOR	JESSIE			
	ENG. CHECK	AHMAD			
	VERIFIED	Moh'd Al Sayyed			
	APPROVED	FAWAZ AL-BITAR			
	Issue Date	10-09-2005			
REV	Revision Details	Designer	Rev.Date	File Ref.	Ziicnas\Eng-Specs\800\08734



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Part No.	800-087-34	REV	00
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TO BE USE FOR ; CHILLER AND CAC**

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PART 'C' ; OPERATIONAL REQUIREMENTS	
PRODUCT RATING (AMPS/ VOLTS/ Hz)	100 to 125 AMPS/ 500VOLTS/ 50Hz/ 60Hz
No. OF POLES	3 POLES
MAGNETIC TRIP CHARACTERISTICS	9 In
THERMAL RATING (AMPS)	100 TO 125 AMPS
OPERATING AMBIENT TEMPERATURES	55° C
CERTIFICATION DESIRED	EN 60947-2; IEC 60947-2
CERTIFICATE FREQ OF SUBMISSION	AFTER 2 YERARS
LABEL MARKING	ITEM MUST BE MARKED WITH THE RESPECTIVE OPERATING VOLTAGE, CURRENT RATING AND VENDOR MODEL.
APPROVED VENDOR	LARSEN AND TURBO (L&T)

**NOTES**

1. THERMAL MAGNETIC CIRCUIT BREAKER TO BE PROVIDED WITH 1 AUX(1 no- 1nc) AS STANDARD.
2. ALL THERMAL MAGNETIC CB CAN USE ADDITIONAL AUXLLIARY SWITCH (1NO-1NC), ZAC P/N 800-087-40
3. FOR THE OVER ALL SIZE AND MOUNTING DETAILS PLEASE REFER TO THE ATTACHED DRAWING IN PART B.

**QUALIFIED**  
200905  
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ALL DIMENSIONS ARE IN mm				SHEET 3 of 4		SCALE : N.T.S	
				WRITER	AL-ALI. HUSAIN		
				INITIATOR	JESSIE		
				ENG. CHECK	AHMAD		
				VERIFIED	Moh'd Al Sayyed		
				APPROVED	FAWAZ AL-BITAR		
				Issue Date	10-09-2005		
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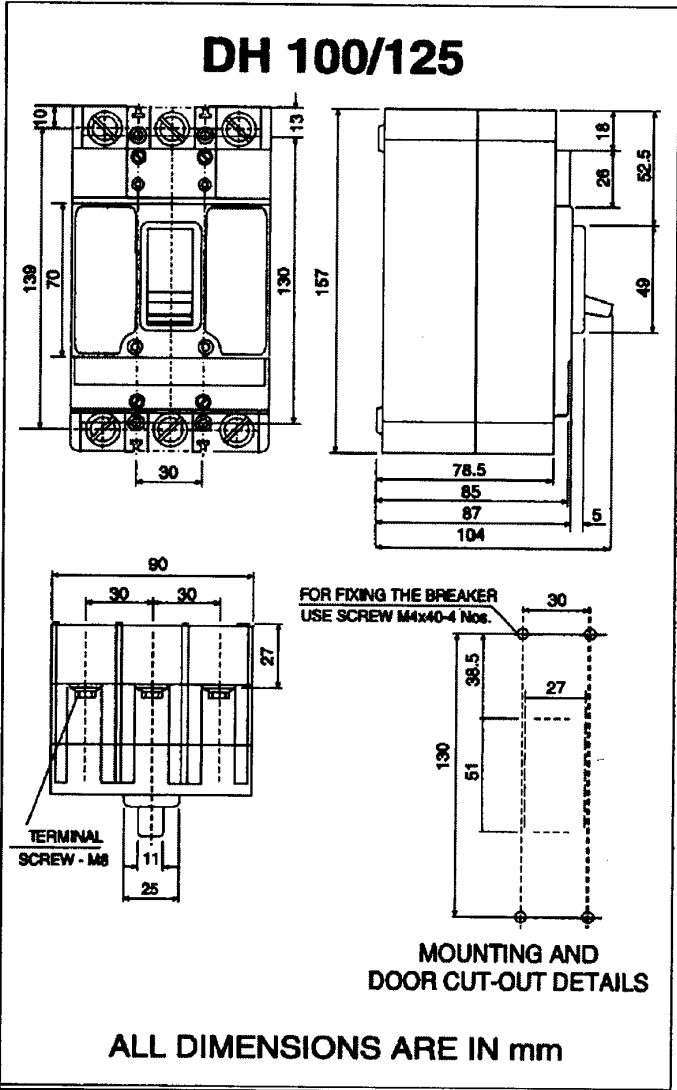
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P3-4

**PART 'D' ; OVERALL SKETCH**

<b>TERMINAL TYPE</b>	<b>CAN USE WITH LUGS OR BOX CLAMP</b>
<b>PRODUCT MARKING</b>	<b>ITEM MUST BE MARKED WITH THE RESPECTIVE OPERATING VOLTAGE, CURRENT RATING AND VENDOR MODEL.</b>



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<b>ALL DIMENSIONS ARE IN mm</b>				<b>SHEET 4 of 4</b>		<b>SCALE : N.T.S</b>	
				<b>WRITER</b>	<b>AL-ALI. HUSAIN</b>		
				<b>INITIATOR</b>	<b>JESSIE</b>		
				<b>ENG. CHECK</b>	<b>AHMAD</b>		
				<b>VERIFIED</b>	<b>Moh'd Al Sayyed</b>		
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