

98H Series

Single Pole Thermal Circuit Breaker

Datasheet

ISSUE KUOYUH Enterprise Co.,Ltd.
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EDITION A1

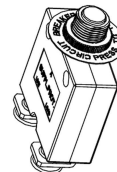
KUOYUH Enterprise Co.,Ltd.

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98 Series H Type Thermal Circuit Breaker

Engineering Information:



Rating: 50A-80A

Input Power: 125/250Vac 32Vdc

Dielectric Strength: 1,500Vac 1 minute

Interrupting Capacity: 1,000A/125Vac 200A/250Vac

Voltage Drop: Less than 0.25

Insulation Resistance: >500 M ohms

Resettable Overload Capacity: 10 times rated current

Rset Time: <60 sec

Temperature Rise at Terminal Block: Less than 65°C at 100% of rated current applied continuously at 25 C

Contact Endurance: 125VacX150% of rated current >500 times

Calibration(at25°C)

100% of rated current: Hold,no trip

150% of rated current: Trip in 1 Hour

200% of rated current: 8.5-45.0sec

300% of rated current: 3.2-8.2sec

MAX.Internal Resistance

50A	<0.007 Ohms
60A	<0.007 Ohms
70A	<0.007 Ohms
80A	<0.007 Ohms

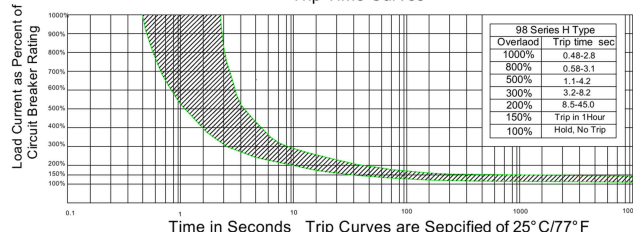
Ambient Temperature Correction Factor

Temperature	-5°C	0°C	10°C	20°C	25°C	30°C	40°C	50°C	60°C
Factor	X1.3	X1.2	X1.1	X1.05	X1.0	X0.9	X0.8	X0.7	X0.6

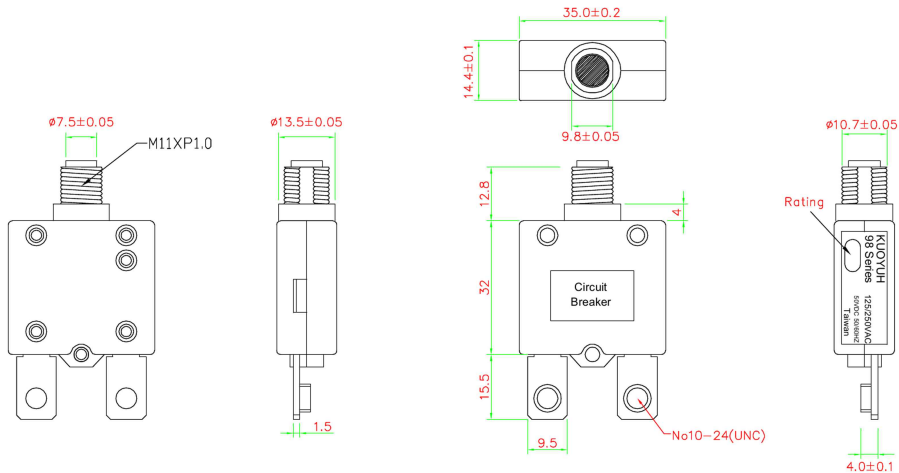
The time/current characteristic curve depends on the ambient temperature prevailing. In order to eliminate nuisance tripping.

Please multiply the circuit breaker current ratings by the derating factor shown below.

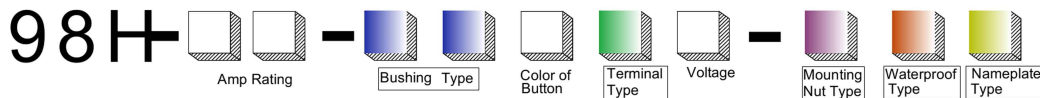
Trip Time Curves



				TOLERANCE	APPROVED	CHECK	DESIGN	DRAWER	UNIT	mm	
				DIMENSION TOLERANCE	Hunter.H	Mark.C	Alex.C	Young.L	SCALE	1:1	
				XX.XX ±0.05	File No.	98 Series H Type Circuit Breaker			TITLE	Series data	
				XX.X ±0.1	Rev.	A1	Date	961103	SERIES NO	Single Pole Thermal Circuit Breaker	
				XX ±0.15	KUOYUH Enterprise Co.,Ltd.						
				ANGLE TOLERANCE							
				X ±1°							
NO	DESCRIPTION	APPROVED	DATE	X.X ±0.5°	KUOYUH Enterprise Co.,Ltd.					DRAWING NO	961103-98-01



				TOLERANCE		APPROVED	CHECK	DESIGN	DRAWER	UNIT	mm		
				DIMENSION	TOLERANCE								
				XX.XX	±0.05								
				XX.X	±0.1								
				XX	±0.15	File No.	98 Series Thermal Circuit Breaker				TITLE	Thermal Circuit Breaker	
				ANGLE	TOLERANCE	Rev.	C1	Date	070731	SERIES NO	98H Dim		
				X	±1°	KUOYUH Enterprise Co.,Ltd.						DRAWING NO	960915
NO	DESCRIPTION	APPROVED	DATE	X.X	±0.5°								



40= 40A
50= 50A
60= 60A
70= 70A
80= 80A

B=Black (黑)
R=Red (紅)
W=White (白)

3=125/250Vac
4=125/250Vac,32Vdc

Bushing Type		
Metal		
M11XP1.0	M11XP1.0	M12XP1.0
A1	B1	A2
M11XP1.0	M11XP1.0	M12XP1.0
Terminal Type		
Straight	90° bend up	
F	E	

Bushing V.S Panel Hole			Mounting Nut Type			
A1	B1	A2	Plastic	Plastic	Metal	Metal
9.9±0.05	10.8±0.05	10.8±0.05	P	Q	A	B
10.8±0.05	11.8±0.05		Integrated Kunrlnut	Kunrlnut	Kunrlnut	Hexnut
Nameplate Type			Waterproof Type			
24	22.5		R	F		
B=Black W=White	A					

2007.11