

98H Series

Single Pole Thermal Circuit Breaker

Datasheet

ISSUE 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

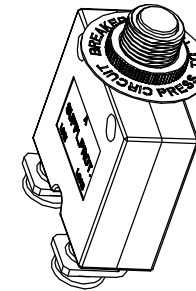
150% of rated current: Trip in 1 Hour

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



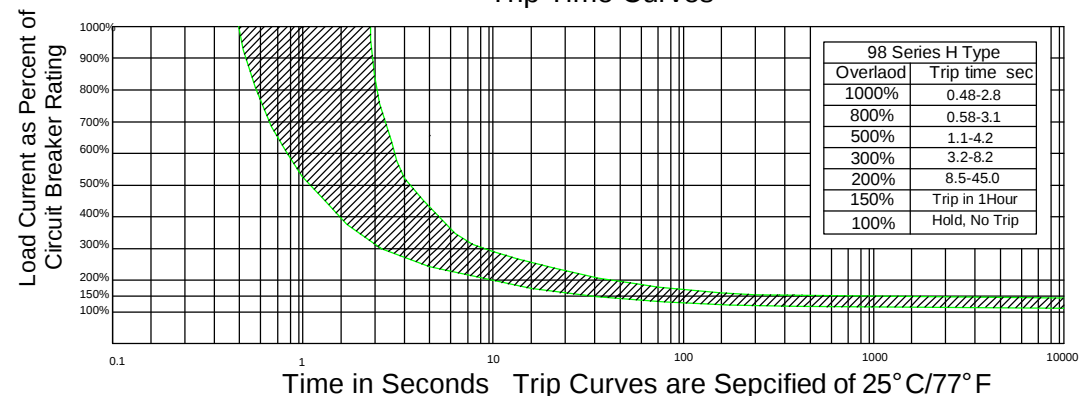
Ambient Temperature Correction Factor

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

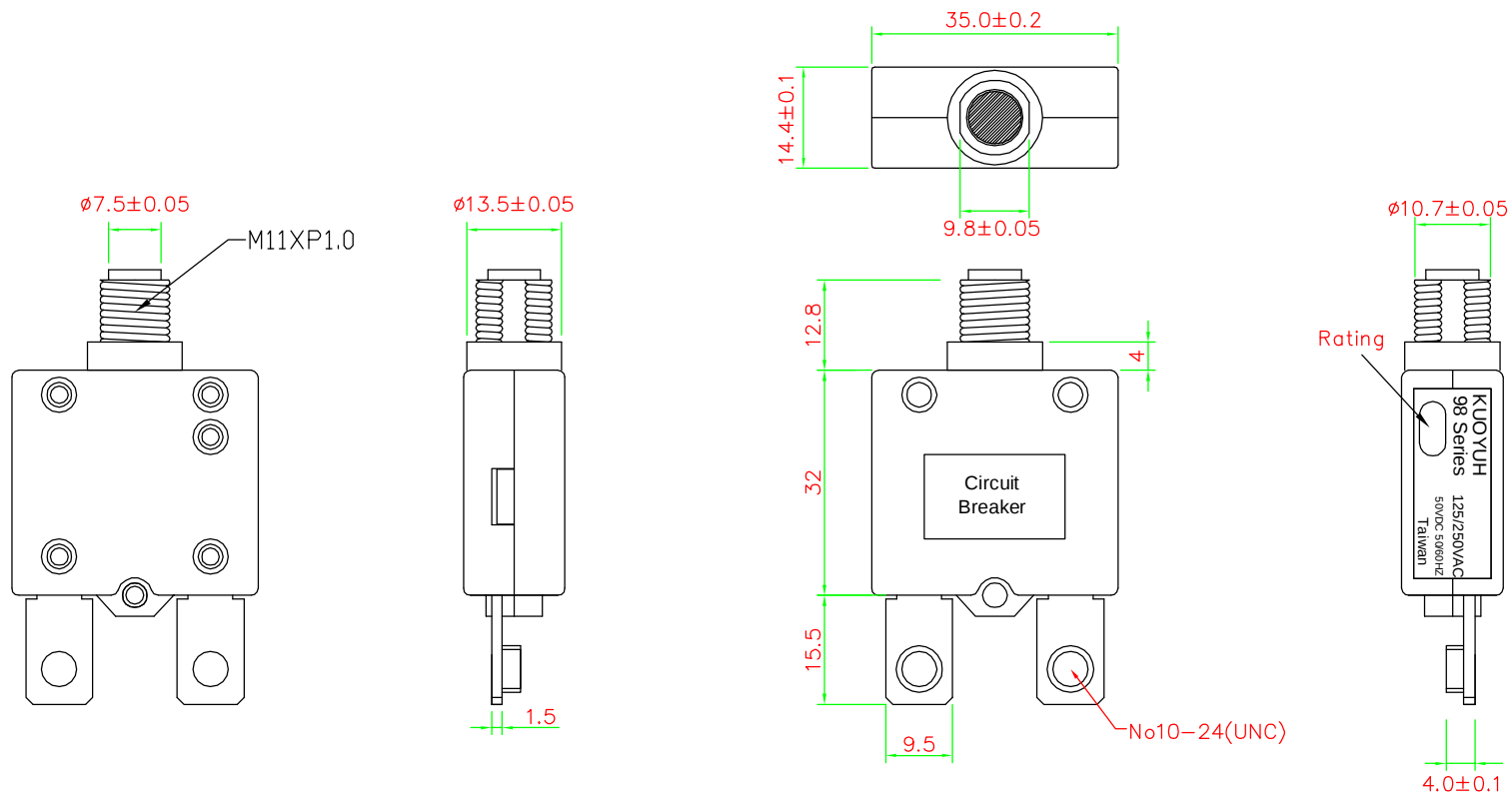
The time/current characteristic curve depends on the ambient temperature prevailing. In order to eliminate nuisance tripping.

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

Trip Time Curves

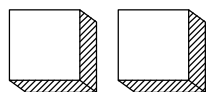


④				TOLERANCE		APPROVED	CHECK	DESIGN	DRAWER	UNIT	mm	
③				DIMENSION	TOLERANCE							
②				XX.XX	±0.05	Hunter.H	Mark.C	Alex.C	Young.L	SCALE	1:1	
①				XX.X	±0.1	File No.	98 Series H Type Circuit Breaker			TITLE	Series data	
				XX	±0.15							
				ANGLE	TOLERANCE	Rev.	A1	Date	961103	SERIES NO	Single Pole Thermal Circuit Breaker	
				X	±1°	KUOYUH Enterprise Co.,Ltd.				DRAWING NO	961103-98-01	
NO	DESCRIPTION	APPROVED	DATE	X.X	±0.5°							



4				TOLERANCE		APPROVED	CHECK	DESIGN	DRAWER	UNIT	mm	
				DIMENSION	TOLERANCE							
3				XX.XX	±0.05	Hunter.H	Mark.C	Alex.C	Young.L	SCALE	1:1	
2				XX.X	±0.1	File No.	98 Series Thermal Circuit Breaker			TITLE	Thermal Circuit Breaker	
1				XX	±0.15	Rev.	C1	Date	070731	SERIES NO	98H Dim	
				ANGLE	TOLERANCE	KUOYUH Enterprise Co.,Ltd.				DRAWING NO	960915	
				X	±1°							
				X.X	±0.5°							

98H



Amp Rating

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



Bushing Type

B=Black (黑色)
 R=Red (紅色)
 W=White (白色)



Terminal Type



Voltage

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



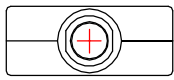
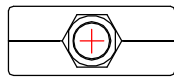
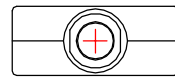
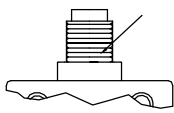
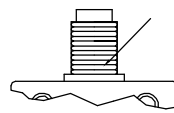
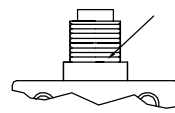
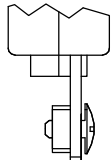
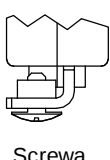
Mounting Nut Type

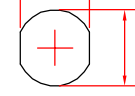
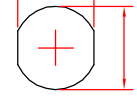
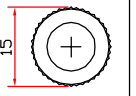
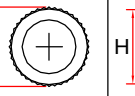
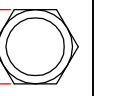
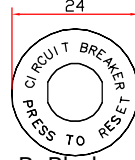
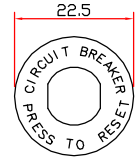
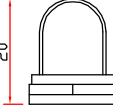


Waterproof Type



Nameplate Type

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			
		Plastic	Plastic	Metal	Metal
A1	B1				
A2		P	Q	A	B
9.9±0.05	10.8±0.05	(M11XP1.0)	(3/8" 27T) (M11XP1.0) (M12XP1.0)	(3/8" 27T) (M11XP1.0) (M12XP1.0)	(M11XP1.0) H=14 (M12XP1.0) H=15
					
		Integrated Kunrlnut	Kunrlnut	Kunrlnut	Hexnut
Nameplate Type		Waterproof Type			
		(M11XP1.0) (M12XP1.0)	R	(M11XP1.0) (M12XP1.0)	F
B=Black W=White	A				

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