

KUOYUH[®]

88 Series P1B14 type Datasheet

THERMAL OVERCURRENT CIRCUIT BREAKERS(PUSH-TO-RESET)

Issue: KUOYUH W.L. Enterprise Co.,Ltd.

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KUOYUH

88 Series Thermal Circuit Breaker

Rating: 3A~25A

Input Power: 125/250Vac 32Vdc

Interruption Capacity: 1000AmpX125Vac 200AmpX250Vac

Dilectric Strength: 1500Vac X 1Minute

Resettable Overload Capacity: 6 Time Rated Current

Voltage Drop: Less Than 0.25V

Insuiation Resistance: >500 M ohm

Reset Time: Within 60sec

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

Contact Endurance: 125Vac X150% of rated current >500 cycles

cUL 3A-20A 125/250Vac TC2/OL0/C1

cUL 3A-15A 125/250Vac TC2/OL1/C1 (UL1363)

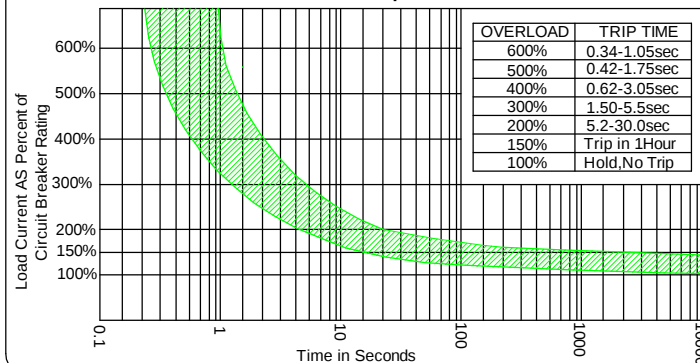
VDE 3A-16A 125/250Vac 32Vdc

TUV 3A-20A 125/250Vac 32Vdc

CCC 5A-20A 125/250Vac

Complies with Rohs

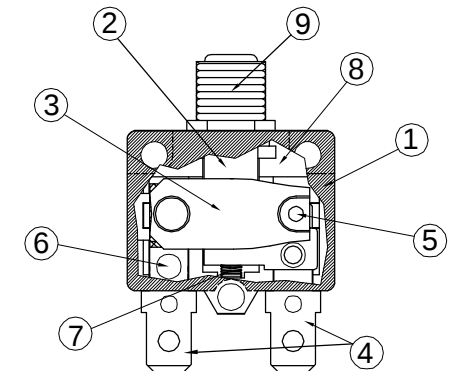
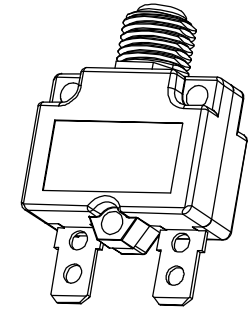
88 Series 3A-20A Trip Time Curves



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.

Ambient Temperature	-10°C	0°C	10°C	25°C	40°C	50°C	60°C
Multiplication Factor	1.5	1.4	1.2	1.00	0.85	0.7	0.6



No	Name	Material
1	Case	Phenolic
2	Push Rod	Phenolic
3	Bimetal	EMS,HooD,Sumitomo
4	Terminal	Copper alloys
5	Contact	Ag-CdO
6	Rivet	Aluminum alloy
7	Spring	Stainless
8	Base	Phenolic
9	Mounting Means	Plated metal Type PA-766

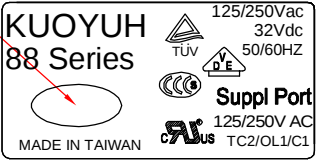
4				TOLERANCE		APPROVED	CHECK	DESING	DRAWER	UNIT	mm	
				DIMENSION	TOLERANCE							
3				XX.XX	±0.05	Hunter.H	Song .L	John.L	Joker.H	SCALE	1:1	
2				XX.X	±0.1							
				XX	±0.15	FILE NO	88 Series Thermal Circuit Breaker			MATERIAL		
1				ANGLE	TOLERANCE	REV	D1	DATE	2007.04.12	TITLE	Datasheet	
				X	±1°	KUOYUH W.L. Enterprise Co.,Ltd.					DRAWING NO	2008.08.21
NO	DESCRIPTION	APPROVED	DATE	X.X	±0.5°							

88-XX-P1B14-P00

Rating:

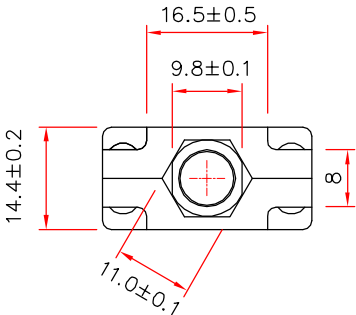
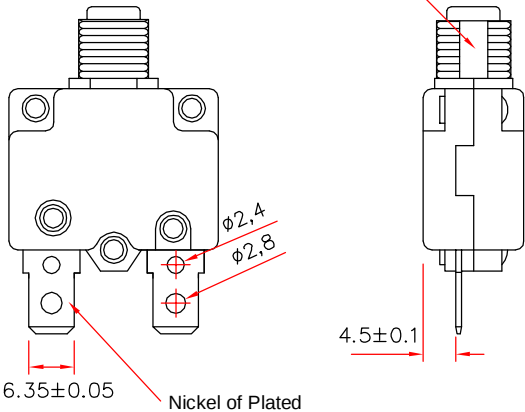
- VDE3A~16A 125/250Vac 32Vdc
- UL cUL3A~15A 125/250Vac TC2/OL1/C1
- UL cUL16A~20A 125/250Vac TC2/OL0/C1
- TUV3A~20A 125/250Vac 32Vdc
- CCC5A~20A 125/250Vac
- CSA10A/15A 125Vac

Rating:

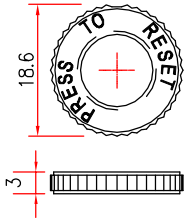


Label Marking 2:1

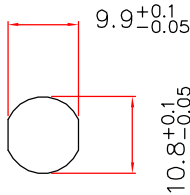
M11XP1.0 Plastic Bushing



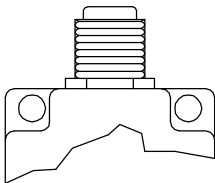
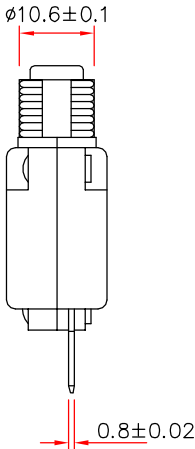
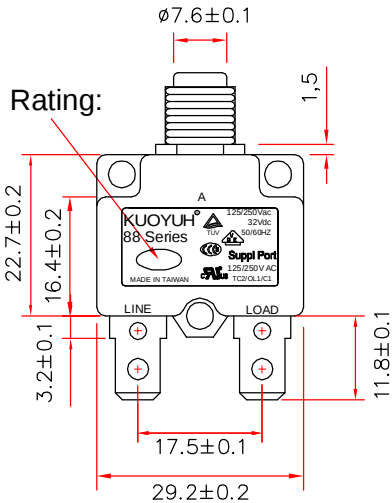
Plastic Integrated Kunrlnut



Panel Cutout



Rating:



4				TOLERANCE		APPROVED 總經理 97.06.21 黃慶明	CHECK 製造部 97.06.21 林登松	DESING 品研部 97.06.21 黃信凱	DRAWER 品研部 97.06.21 李約翰	UNIT	mm		
	3			DIMENSION	TOLERANCE					SCALE	1:1		
2			XX.XX	±0.05	DATE					REV	2008.10.01		E0
			XX.X	±0.1									
			XX	±0.15									
1				ANGLE	TOLERANCE	FILE NO	88 Series Thermal Circuit Breaker		TITLE	88- XX -P1B14-P00			
				X	±1°	KUOYUH W.L. Enterprise Co.,Ltd.	DRAWING NO		971001.04				
NO	DESCRIPTION	APPROVED	DATE	X.X	±0.5°								