



Data Sheet - TRU Components

BN: 3350412, 3350413, 3350401, 3350402, 3350403, 3350404, 3350405

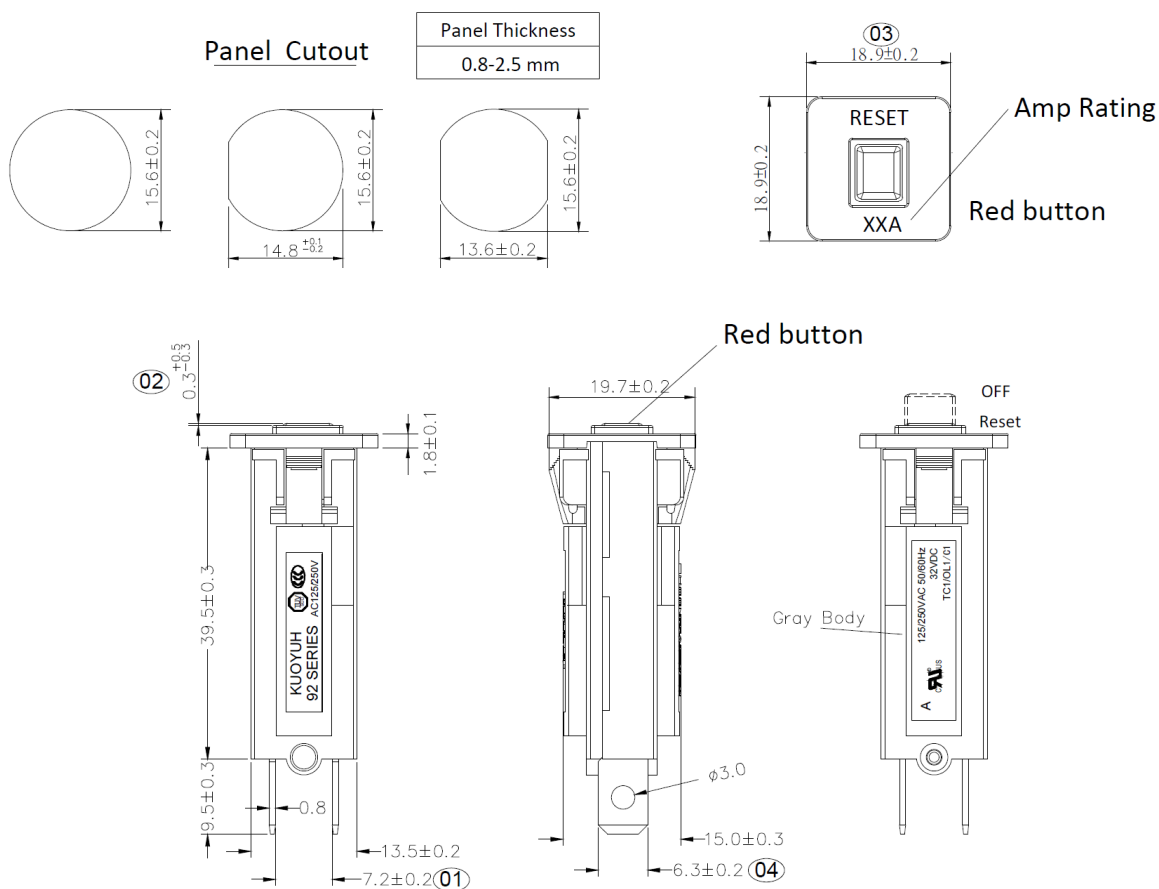
Last updated: 13 June 2025

Thermal Circuit Breaker, Touch Reset



Reference photo

Drawing:



Unit: mm

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BN	Current Rating
3350412	3.5 A
3350413	3.75 A
3350401	4.5 A
3350402	5 A
3350403	10 A
3350404	15 A
3350405	20 A

Technical data:

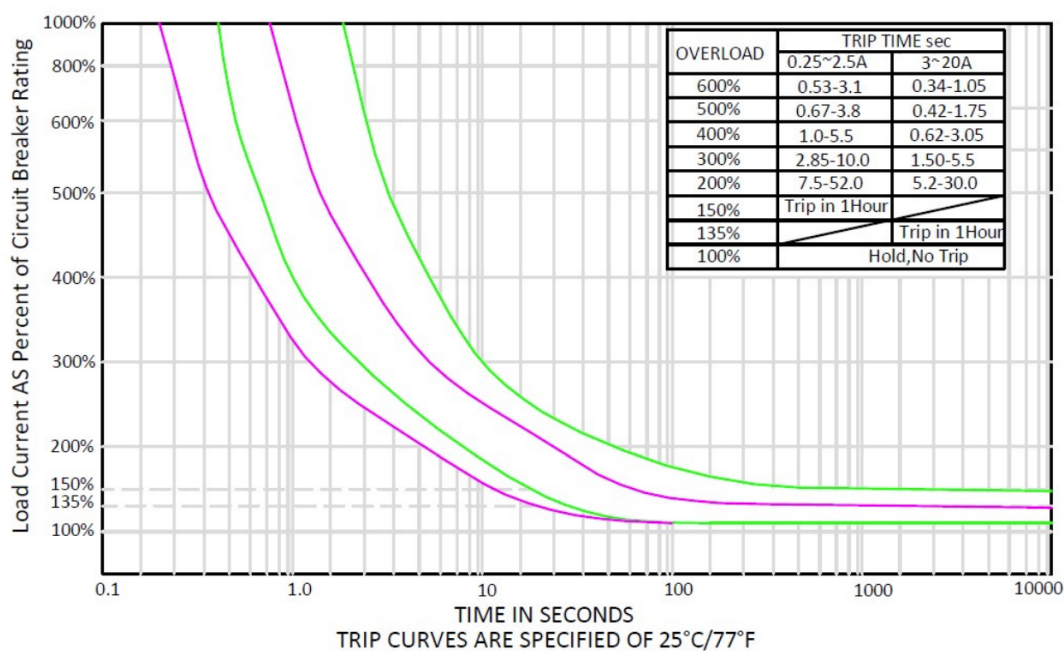
Input voltage rating: 125/ 250 VAC; 32/50 VDC

Interrupting Capacity: 125/250 VAC * 1000A

Typical life 1000 operations at 200% overload

Degree of protection terminal area IP00, operating area IP40

0.25~20 A Trip Time Curves





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Ambient Temperature Correction Factor

Ambient Temperature	-10°C	0°C	10°C	25°C	35°C	40°C	50°C	60°C
Multiplication Factor	*1.30	*1.20	*1.10	1.00	*0.94	*0.85	*0.73	*0.68

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.

Example: Normal Continuous Current = 10A

Ambient Temperature = 45°C

Multiplication Factor = 0.85

Recommended Rating = $10\text{A} / 0.85 = 11.8\text{A}$