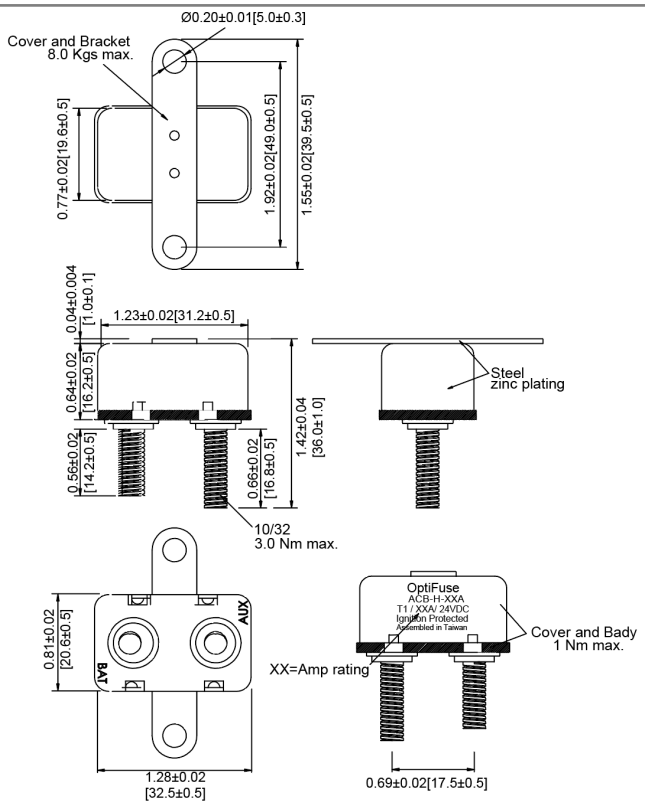
10-32 Stud (Shortstop Style) Circuit Breaker

ACB-H

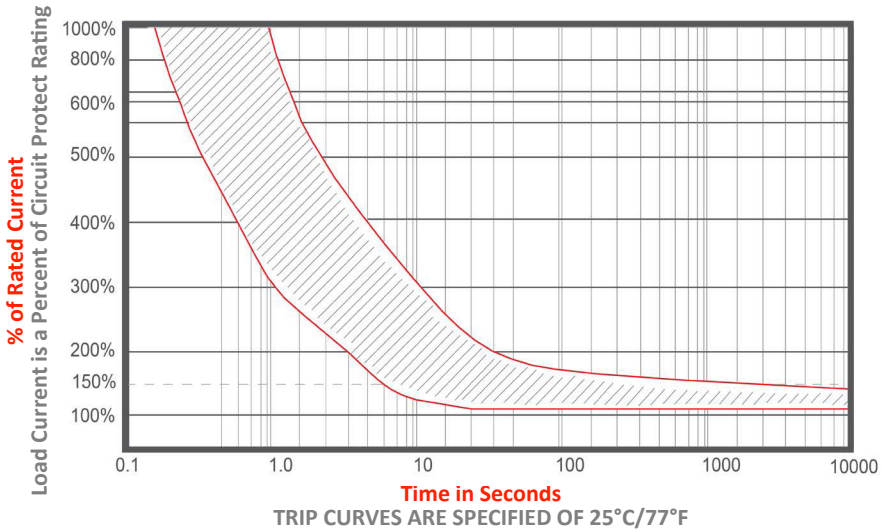
Mechanical Dimensions: Inches [mm]



Part Numbers Information

Amperage	Optifuse P/N
5A	ACB-H-5A
6A	ACB-H-6A
8A	ACB-H-8A
10A	ACB-H-10A
15A	ACB-H-15A
20A	ACB-H-20A
25A	ACB-H-25A
30A	ACB-H-30A
35A	ACB-H-35A
40A	ACB-H-40A
45A	ACB-H-45A
50A	ACB-H-50A

Time vs. Percent of Rated Current



TRIP CURVES ARE SPECIFIED OF 25°C/77°F

% of Rated Current	Min Trip Time	Max Trip Time
100%	Hold	No Trip
150%		Trip in 1 hr
200%	4.0s	40.0s
300%	1.2s	12.0s
400%	0.6s	5.0s
500%	0.4s	2.8s
600%	0.3s	1.8s

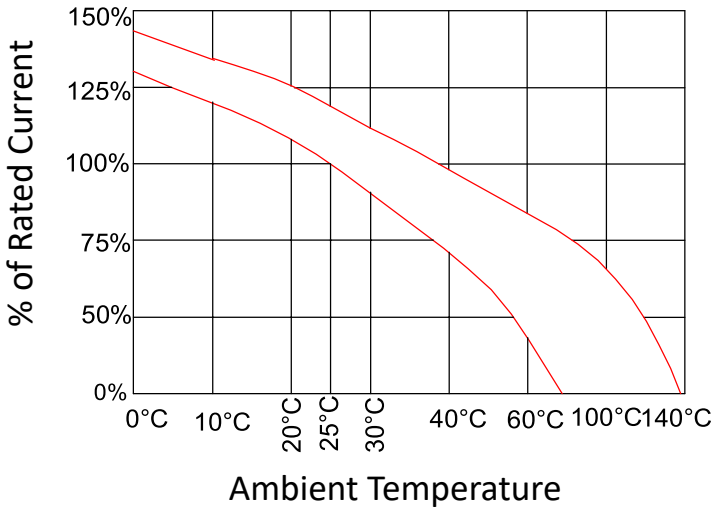
Electrical Specifications

Voltage Rating	12/24/32VDC
Reset Type	Type I - Auto Reset
Interrupting Rating	4 Times Rated Current
Operation Temperature	-10°C ~ 60°C
Testing	SAE J553

Material Specifications

Body Material	Steel, Zinc plating
Terminals Material	Battery – Copper Plated, Auxiliary – Zinc Plated
Terminals Configuration	#10-32 stud
Studs Torque **Mounting Torque**	3.0±0.3 N.m 1.0±0.1 N.m
Ignition Protection	SAE J1171

Temperature Derating Curve



Ambient Temperaure	-10°C	0°C	10°C	25°C	40°C	50°C	60°C
Division Factor	1.25	1.15	1.05	1.00	0.9	0.8	0.7

Rev	Date of issue	Revision Notes	Designed	Approved
G	10-17-2024	Updated Part Numbers Information	RC	OF