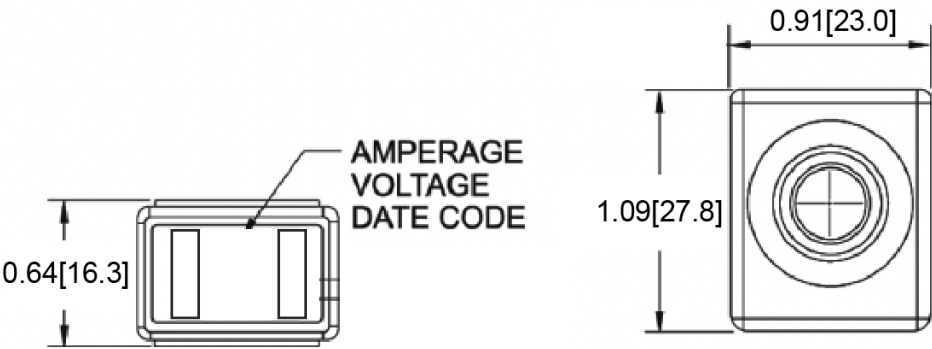


Mechanical Dimensions: Inches [mm]

Tolerances ± 0.01 [0.2] Unless Otherwise Specified



Part Numbers Information

Optifuse P/N	Amperage	Color
MBP-30A	30A	Cyan
MBP-40A	40A	Blue
MBP-50A	50A	Red
MBP-60A	60A	Gold
MBP-75A	75A	Maroon
MBP-80A	80A	Green
MBP-90A	90A	Violet
MBP-100A	100A	Yellow
MBP-125A	125A	Sky Blue
MBP-150A	150A	Orange
MBP-175A	175A	White
MBP-200A	200A	Navy Blue
MBP-250A	250A	Pink
MBP-300A	300A	Gray

Electrical Specifications

Voltage	58VDC
Interrupting Rating	10000A@14VDC, 5000A@32VDC, 2000A@58VDC (ABYC E-11)

Material Specifications

Body Material	PES (UL94V-0)
Ignition Protected	J1171
Ingress Protection	IP67

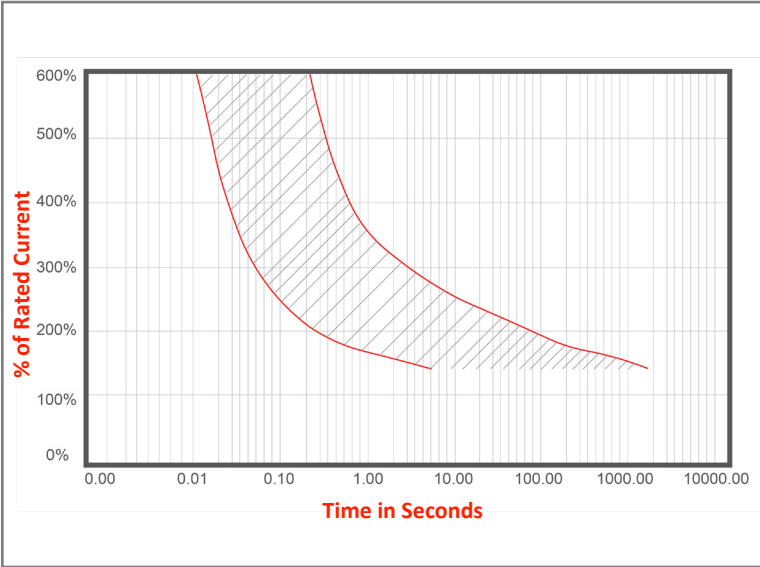
Mounting Torque	12N $\pm$ 1
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Time vs. Percent of Rated Current [all amperages]

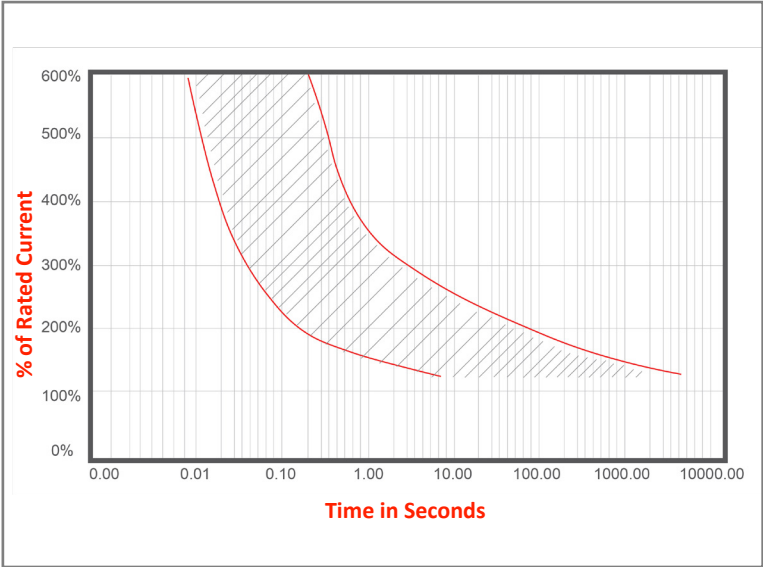
% of Rated Current	Min Hold Time	Max Hold Time
100%	>100 hrs	
135%	No Trip	900s
200%	No Trip	60s
350%	0.1s	1s
600%	< 0.2s	

* Trip time: Data for all amperages

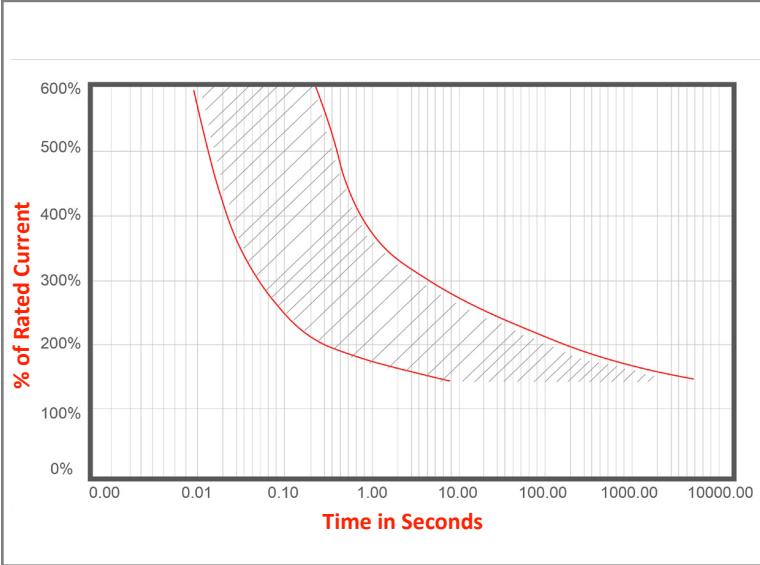
Time vs Percent of Rated Current [30A-50A]



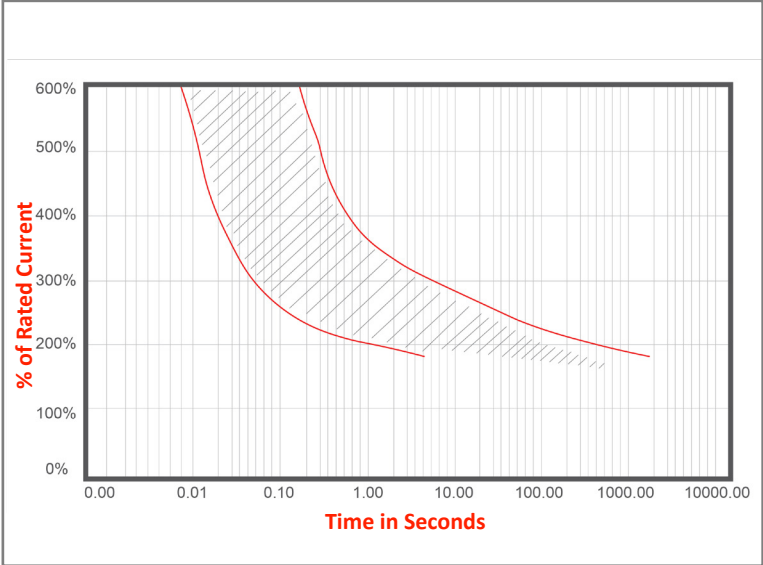
Time vs Percent of Rated Current [60A-80A]



Time vs Percent of Rated Current [90A-150A]



Time vs Percent of Rated Current [175A-300A]



Rev	Date of issue	Revision Notes	Designed	Approved
D	02-26-2025	Updated Material Specifications	RC	OF