

**UL 1500 Ignition Proof.
High interrupt capacity.
Reliable on land or sea.**



Series 14.

Count on it.



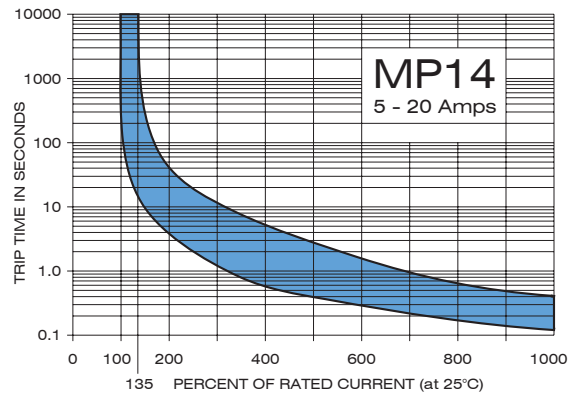
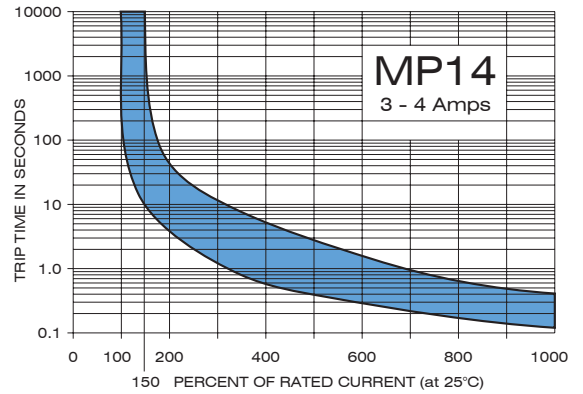
Series 14 Overview

One of the newest members of the Mechanical Products family of circuit protectors is the Series 14.

The Series 14 is an economical and compact circuit protector designed for your equipment protection needs in the 3-20 amp range. The MP Series 14 is suitable for a variety of applications ranging from medical equipment to household appliances.

Series 14 offers:

5 unique termination options, multiple hardware and boot options, AC/DC ratings from 3 to 20 amps, UL 1500 Ignition Protection, UL, cUL, CSA, VDE & CCC certification, European RoHS Directive compliance, and a choice of snap-in or threaded mounting, with 9 button and 5 bushing options from which to select.



Series 14 Specifications

Standard Amp Ratings

Series 14 has available RoHS compliant current ratings of 3A, 4A, 5A, 6A, 7A, 7.5A, 8A, 10A, 12A, 13A, 14A, 15A, 16A, and 20A.

Minimum Ultimate Trip

The Series 14 offers a minimum ultimate trip of 100% of rated current at 25°C/77°F.

Interrupt/Voltage Ratings

Per UL, Series 14 is rated for 1000A at 250VAC/50VDC and 3000A at 32VDC.

Corrosion (Salt Spray)

The Series 14 conforms to 96hr, 5% salt mist, per IEC 60068-2-11, test Ka.

Regulatory Approvals

UL/cUL recognition per UL 1077 (E66224), CCC (2004010307103862), VDE per IEC 934 (40009272), CSA per C22.2-235 (027156), and UL 1500 for Ignition Protection.

Maximum Ultimate Trip

The Series 14 maximum ultimate trip is 135% of rated current for ratings of 5A and above and 150% below 5A, at 25°C/77°F.

Voltage Drop

The Series 14 has a maximum voltage drop of 0.25V at rated current.

Vibration and Shock

The Series 14 is vibration rated at 8g per IEC 60068-2-6, test Fc, and shock rated at 30g (11ms) per IEC 60068-2-27, test Ea.

Overload Trip Time Data (in seconds)

Current Rating	200%	300%	400%	500%	600%	800%	1000%
3 - 20 A	4-40	1.2-12	.6-5	.4-2.8	.3-1.8	.15-.6	.12-.4

Ambient Temperature Correction Factor

Current Rating	°F	23	32	68	77	86	104	122	140
	°C	-5	0	20	25	30	40	50	60
3 - 4 A		.72	.75	.90	1.00	1.10	1.25	1.61	2.15
5 - 6 A		.75	.80	.90	1.00	1.05	1.10	1.20	1.40
7 - 15 A		.80	.85	.95	1.00	1.05	1.15	1.25	1.40
16 - 20 A		.80	.85	.95	1.00	1.03	1.08	1.16	1.22

