

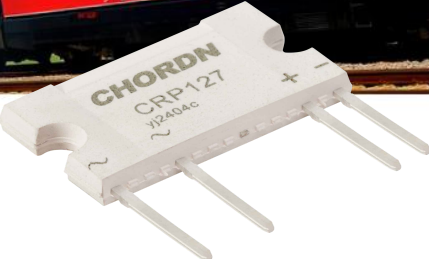
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OptoMOS



Description

An OptoMOS is a semiconductor device with a LED as an input and MOSFET as an output. It is used in various fields to improve device reliability and reduce size.

Obviously the OptoMOS are different to the conventional electro-mechanical relays. OptoMOS are classified as semiconductor devices that have no moving contacts, therefore they are superior to conventional electro-mechanical relays in life expectancy and reliability of contacts, operation speed, and their sizes.

But they also distinguish themselves from other switching solutions that utilize photo-couplers, photo-transistors etc. OptoMOS have MOSFET for output, therefore they are the most suitable devices for small analog signal switching.

Main features

Model number	Input	Load voltage	Continuous Load current	Contact type	Turn on time	Turn off time
CRP0112	15mA 1.3V	60VDC	1A	NC	4ms	1ms
CRP2112		60VDC	1A/1.2A	CO	4ms	4ms
CRP1121		60VAC/DC	1A	NO	4ms	4ms
CRP1221		60VAC/DC	2A	NO	2ms	1ms
CRP1131		100VAC/DC	1A	NO	4ms	4ms
CRP10352		500VAC/DC	0.3A	NO	2ms	1ms
CRP10171		600VAC/DC	0.1A	NO	2ms	2ms
CRP1M281		1500VDC	0.02A	NO	1ms	1ms
CRP1211		60VDC	2A	NO	2ms	1ms
CRP141		60VDC	4A	NO	5ms	2ms
CRP1101		60VDC	10A	NO	5ms	2ms
CRP126		600VDC	2A	NO	5ms	2ms
CRP127		600VAC/DC	2A	NO	5ms	2ms



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