

Littelfuse Inc.
8755 West Higgins Road, Suite 500
Chicago, Illinois 60631
p: (773) 628-1000 f: (773) 628-0802
www.littelfuse.com



FOR IMMEDIATE RELEASE

Media Contact:

Kristina Hodgson
Global Marketing Communications Manager
Electronics Business Unit, Littelfuse, Inc.
KHodgson@Littelfuse.com
twitter.com/littelfuse

Click to download a high-resolution image:

[High-Power Solid State Switches](#)

600V, 1A Power SIP Relay Provides Up to 4000V Input-to-Output Isolation for High-Performance Switching

Rated for up to 1A DC/1Arms continuous current load

CHICAGO, November 12, 2018 — IXYS Integrated Circuits Division, now part of Littelfuse, Inc., today introduced the CPC1984Y, a 600V, Normally Open Power SIP Relay, rated for up to 1A DC/1Arms continuous load current, twice the load current of the company's most popular power relay. This high-reliability device uses optically coupled MOSFET technology to provide 4000Vrms of input-to-output isolation. In fact, the CPC1984Y SIP Relay offers the best combination of load voltage and load current available with a 4000Vrms isolation voltage. The optically coupled outputs, which employ IXYS ICD's patented OptoMOS architecture, are controlled by a highly efficient infrared LED.

With a typical on-resistance rating of just 0.51 Ohms and a maximum rating of just 0.66 Ohms, the CPC1984Y offers significantly lower on-resistance than competitive devices. Its 600V blocking voltage rating provides sufficient design margin for both 110Vrms/220Vrms power line applications for universal power supplies.

"The 600V blocking voltage rating and 1A load current handling capability combine to make the CPC1984Y SIP Relay well suited for a variety of high-performance switching applications," said Mark Heisig, General Manager and Vice President at IXYS Integrated Circuits Division. "This includes industrial and motor controls, utility meters, instrumentation, medical equipment and home appliances."

CPC1984Y SIP Relays offer these key benefits:

- Low drive power requirements reduce the CPC1984Y's power consumption.
- Snubbing circuits aren't needed to suppress arcs when switching.
- Flammability rating of UL 94 V-0 ensures high flame retardance of the device's plastic package.

Availability

The CPC1984Y SIP Power Relays are in volume production, and samples are available through any authorized IXYS ICD distributor. For a listing of IXYS ICD distributors, please visit www.IXYSIC.com. They are provided in a 4-Pin (8-Pin Body) Power SIP package, in quantities of 25 per tube.

For More Information

Additional information is available on the [Power Relays \(MOSFET-based\)](#) page. For technical questions, please contact: [IXYS ICD Marketing and Technical Support](#).

About Littelfuse

Littelfuse (NASDAQ: LFUS) is a global manufacturer of leading technologies in circuit protection, power control and sensing. Sold in over 150 countries, our products are found in automotive and commercial vehicles, industrial applications, data and telecommunications, medical devices, consumer electronics and appliances. Our 12,000 worldwide associates partner with customers to design, manufacture and deliver innovative, high-quality solutions, for a safer, greener and increasingly connected world – everywhere, every day. Learn more at Littelfuse.com.

LFUS-P

###