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FOR IMMEDIATE RELEASE

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HIGH POWER SOLID STATE SWITCHES

IXYS Integrated Circuits Division Announces the CPC1984Y 600V 1Amp, Single-Pole, Normally Open OptoMOS® Power SIP Relay

The CPC1984Y joins the family of ICD's high Isolation Voltage Power Relays

BEVERLY, MA, September 27, 2018 — IXYS Integrated Circuits Division, now part of Littelfuse, Inc., the global leader in circuit protection, announces the immediate introduction of the CPC1984Y, a 600V, Normally Open Power SIP Relay, rated for up to 1A_{dc} / 1A_{rms} continuous load current. This device utilizes optically coupled MOSFET technology to provide 4000V_{rms} of input to output isolation. The optically coupled outputs, employing IXYS ICD's patented OptoMOS architecture, are controlled by a highly efficient infrared LED.

The 600V blocking voltage rating provides sufficient design margin for both 110V_{rms}/220V_{rms} power line applications for universal power supplies. Together, the low 0.66 Ohms on-resistance and high load current handling capability makes this relay suitable for a variety of high performance switching applications including industrial and motor controls, utility meters (Watt-hour, water, gas), instrumentation, medical equipment and home appliances.

Additional features include high reliability, low drive power requirements, arc-free switching with no snubbing circuits, no EMI/RFI generation, and a UL 94 V-0 flammability rating.

Price and Availability

The CPC1984Y is in volume production, and samples are available at any authorized IXYS ICD distributor. The CPC1984Y price in OEM quantities of 25KU is \$3.27. For a listing of IXYS ICD distributors, please visit www.IXYSIC.com. CPC1984Y devices 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: [Marketing and Technical Support](#).

About Littelfuse

Founded in 1927, Littelfuse is the world leader in circuit protection with growing global platforms in power control and sensing. The company serves customers in the electronics, automotive and industrial markets with technologies including fuses, semiconductors, polymers, ceramics, relays and sensors. Littelfuse has over 10,000 employees in more than 40 locations throughout the Americas, Europe and Asia. For more information, please visit Littelfuse.com.

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