

## **PRESS RELEASE**

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### **IXYS Introduces a Smart Single Pole SSR with Thermal Shutdown and Current Limiting Capabilities**

#### ***CPC1511 enhances the robustness of relay applications***

Beverly, MA – August 10 2017. IXYS Integrated Circuits Division (ICD), Inc., a wholly owned subsidiary of IXYS Corporation (NASDAQ: IXYS), announced the immediate production release of the CPC1511, a current limiting 1-Form-A normally open Solid State Relay (SSR) that replaces electromechanical devices while enhancing the performance of switching applications.

The 230V CPC1511 is manufactured with an optically isolated control input, and an integrated monolithic die for the output current. Fabricated with ICD's HVIC SOI technology, the device is an integrated powered driver with active current limiting and thermal shutdown circuitry and Power MOSFET switches. CPC1511 incorporates thermal shutdown circuitry for improved survivability in harsh environments and is designed to pass regulatory voltage surge requirements when provided with appropriate over voltage protection circuitry. This device is designed specifically for harsh AC or DC applications where printed circuit board space is at a premium and additional power supplies are not available. The active current limit and thermal shutdown features offer automatic recovery to the appropriate switch state, as determined by the input control current, once the fault condition is removed. This fault protection circuitry provides excellent robustness in high stress switching environments.

The CPC1511 relay provides current limiting for unidirectional DC applications, in addition to typical AC applications. This current limiting 1-Form-A normally open SSR is ideal for general power switching applications in instrumentation, IoT products, industrial controls, peripherals, security, and medical equipment. Key features include built-in current-limiting protection circuitry, thermal shutdown, linear AC/DC operation, low power consumption, clean, bounce-free switching, and an extended operational lifetime over electromechanical relays .

The CPC1511 is available in a 4-Pin Power SIP Package (25/Tube). For more information and to access the datasheet, visit: <http://www.ixysic.com/home/pages.nsf/locate.rep>, and [http://www.ixysic.com/home/pdfs.nsf/www/CPC1511.pdf/\\$file/CPC1511.pdf](http://www.ixysic.com/home/pdfs.nsf/www/CPC1511.pdf/$file/CPC1511.pdf)

#### **About IXYS ICD and IXYS Corporation**

IXYS Integrated Circuits Division (ICD), a leader in the design and manufacture of solid state relays and high voltage integrated circuits, is a wholly owned subsidiary of IXYS Corporation. IXYS Corporation develops and markets primarily high performance power semiconductor devices that are used in controlling and converting electrical power efficiently in power systems

for the telecommunication and internet infrastructure, motor drives, medical systems and transportation. IXYS also serves its markets with a combination of digital and analog integrated circuits, power systems and RF GaAs and GaN based products. Additional information about IXYS Integrated Circuits Division, Zilog and IXYS may be found at [www.ixysic.com](http://www.ixysic.com), [www.zilog.com](http://www.zilog.com) and [www.ixys.com](http://www.ixys.com).

### **Safe Harbor Statement**

Any statements contained in this press release that are not statements of historical fact, including the performance, rating, survivability, applications, availability and operation of products for various applications, may be deemed to be forward-looking statements. There are a number of important factors that could cause the results of IXYS to differ materially from those indicated by these forward-looking statements, including, among others, risks detailed from time to time in the Company's SEC reports, including its Form 10-Q for the fiscal quarter ended June 30, 2017. The Company undertakes no obligation to publicly release the results of any revisions to these forward-looking statements.