

R&D Electronics Newsletter (2015 Issue 8)

Welcome to our 8th issue of newsletters in 2015!

R&D Electronics is the **exclusive Sales-Channel of TECHSEM**, which is a well-known Chinese developer and manufacturer of **diode / thyristor modules and capsules** with 49 years experience.

We are pleased to inform you that a **new TECHSEM Short Form Catalog** has been launched. This new catalog is available and can be downloaded in our webshop via <http://www.rd-ebusiness.com/en/service/technicalsupport>. For hardcopy please contact us via info@rd-ebusiness.com.



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Short Form Catalog 2016
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In this issue we will present an overview of the most useful **international standards for power semiconductors**.

All of our newsletters have been achieved in our online shop. For more information please visit: www.rd-ebusiness.com

Yours faithfully

R&D Electronics Team

International Standards for Power Semiconductors

Without a doubt, IEC 60747 "Discrete Semiconductor Devices" is the most important international standard which is applicable to power semiconductors. In the following product-specific sections, the detailed information on the parameters, minimum requirements for datasheet ratings and test methods is provided:

- IEC 60747-1 General (letter symbols and terms)
- IEC 60747-2 Rectifier Diodes
- IEC 60747-6 Thyristors
- IEC 60747-8 Field Effect Transistors
- IEC 60747-9 IGBT
- IEC 60747-15 Isolated Power Semiconductor Devices

Other important standards for semiconductor devices are:

- IEC 60191-2 Mechanical Standardization of Semiconductor Devices
- DIN EN 50178 Electronic Equipment for Use in Power Installations
- IEC 60664 Insulation Coordination for Equipment within Low-voltage Systems
- IEC 60721 Classification of Environmental Conditions
- IEC 60068 Environmental Testing (Specification of Test Conditions)
- IEC 60749 Mechanical and Climatic Test Methods

All TECHSEM products comply with the related international standards.

Free Samples

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