

R&D Electronics Newsletter (2016 Issue 6)

We hope you had a relaxed summer holiday and welcome to our 6th issue of newsletters in 2016!

TECHSEM is the leading Chinese developer and manufacturer of **diode / thyristor modules and capsules** with 50 years experience.

R&D Electronics is the **exclusive marketing and sales channel for TECHSEM** with the worldwide sales network and our own B2B e-commerce-portal www.rd-ebusiness.com

We are live here for you now. Via live-chat in our webshop you can immediately connect with one of our agents at any time. Please check it out and get our professional advises.



In this issue we will give an overview of the TECHSEM product portfolio. Some special features of TECHSEM products will be introduced as well.

All of our newsletters are archived in our online-shop. More information is available under: www.rd-ebusiness.com

Yours faithfully
R&D Electronics Team

TECHSEM Product Portfolio

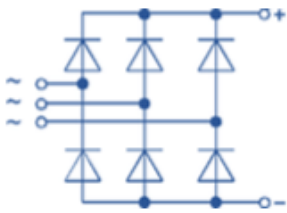
1. Wafer (1.5 – 6 inches) & Chip (1.5 – 5 inches)



2.Thyristor / Diode Module



3.Bridge Rectifier



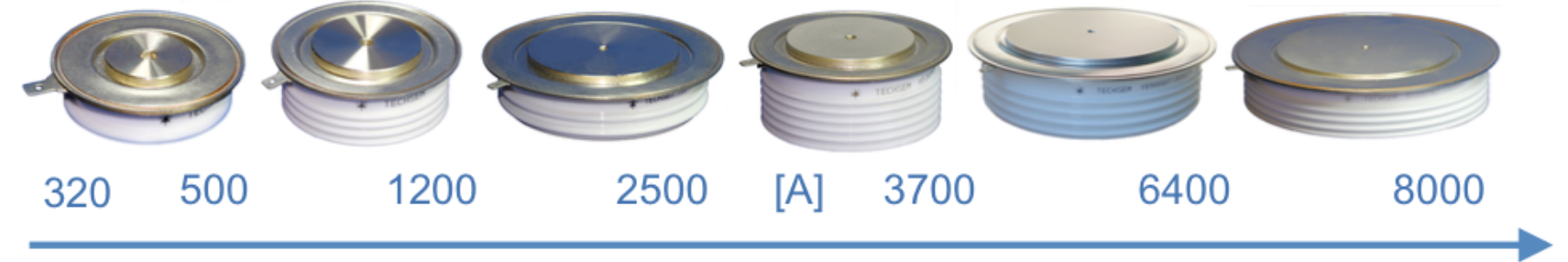
600V> 1800V










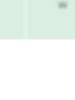


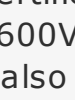
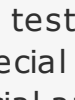
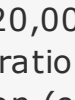
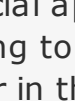
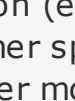
4.Capsule Thyristor / Diode (Disc Cells)



200V> 8000V



5.Heatsink & Power Assemblies

Cooling method	Type	Shape	Type	Shape
Water Cooling	S011		S031	
	S012			
	S013			
	S014			
	S015			
	S016			
	S017			
	S018			
	S019			
	S020			
Forced air cooling	S021		S022	
	S023		S024	
	S025		S026	
	S027		S028	
	S029		S030	
	S031		S032	
	S033		S034	
	S035		S036	
	S037		S038	
	S039		S040	

Special Features of TECHSEM Products

- Product portfolio covers from chips to power assemblies
- More than 5000 products with various silicon chips and different current and voltage classes
- CE, UL and European RoHS certified
- Single power module up to 3600V/1200A, single capsule device up to 7200V/8000A
- Pressure contact technology also for small current power modules
- Product reliability test up to 20,000 power cycles
- Products with special configurations like common-anode or common-cathode modules
- Products for special application (e.g. pulse thyrsitor with di/dt = 5kA/μs)
- Products according to customer special requirements (e.g. selection for parallel circuits)
- Extra epoxy layer in the power modules for better humidity protection
- 100% additional function test shortly before shipment

Free Samples

You want to test our products? No problem. We provide now for certain types of products with limited quantities as free samples at your disposal. For the available products, you only need to pay for the shipping costs from Hong Kong to your delivery address. Do not hesitate to register as customer in our shop and contact us for free samples of your choice: www.rd-ebusiness.com.