

TECHNICAL INQUIRY - FAST HIGH VOLTAGE SOLID-STATE SWITCHES

Dear Customer, this form helps to avoid misunderstandings and accelerates the processing of your inquiry. Please return this inquiry by **Telefax +49 (0)-6173-929030** or by **E-Mail: info@behlke.de**. Thank You.



Name:	Company:	Country / State:	Date:
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Phone:	Telefax:	E-Mail:	URL:
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Employees: <input type="checkbox"/> 1-9 <input type="checkbox"/> >10 <input type="checkbox"/> >100 <input type="checkbox"/> >1000	Branch <input type="checkbox"/> Industry <input type="checkbox"/> Defense <input type="checkbox"/> Science <input type="checkbox"/> Other	New customer? <input type="checkbox"/> Yes <input type="checkbox"/> No
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Which technical documentations have you studied already? <input type="checkbox"/> Non <input type="checkbox"/> Catalog <input type="checkbox"/> Datasheet <input type="checkbox"/> Instructions	What is your professional background? <input type="checkbox"/> Engineer <input type="checkbox"/> Scientist <input type="checkbox"/> Other
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Application <input type="checkbox"/> Laser <input type="checkbox"/> Radar <input type="checkbox"/> EMC <input type="checkbox"/> Medical <input type="checkbox"/> HV-Test <input type="checkbox"/> MS, TOF <input type="checkbox"/> Other
Short description

My project is a: <input type="checkbox"/> New product development <input type="checkbox"/> Re-design of existing product <input type="checkbox"/> R & D, scientific experiment	My load is: <input type="checkbox"/> True resistive <input type="checkbox"/> True capacitive <input type="checkbox"/> True inductive <input type="checkbox"/> Complex (please specify) <input type="checkbox"/> Undefined (plasma etc.)	I look for a: <input type="checkbox"/> Single On-Off Switch <input type="checkbox"/> Charge or Discharge Switch <input type="checkbox"/> Push-Pull Switch (half bridge) <input type="checkbox"/> Push-Pull Switch (full bridge) <input type="checkbox"/> AC On-Off Switch <input type="checkbox"/> AC-Push-Pull Switch..... <input type="checkbox"/> Customized pulser unit <input type="checkbox"/> I do not know
Potential demand of switching units		

In case of technology change, which switch has been used before? <input type="checkbox"/> Thyatron <input type="checkbox"/> Krytron <input type="checkbox"/> Spark-gap <input type="checkbox"/> Relay <input type="checkbox"/> Other

Please draw your timing diagram here. Please also attach plots of switch current and voltage if available.

My application requires a switch with these data:

Operating Voltage Range

Maximum Peak Current

Maximum DC Current

Maximum On-Resistance

Maximum Leakage Current

Minimum Isolation Voltage

Max. Operating Frequency

Fixed On-Time if not fixed, then:

Variable On-Time to

Min. Duty Cycle Max. Duty Cycle

Rise Time Fall Time

Max. Propagation Delay Time

Operating Temperature Range

Max. Dimensions

Preferred cooling method

Burst applications only. Please provide a timing diagram!

Pulse spacing within the burst

Number of pulses per single burst

Total number of pulses per second

Please draw your application here. Please indicate all component values incl. stray inductance (wiring length) and stray capacitances. Use a separate sheet, if necessary.