Device: RB-IGBT 600V
Measured condition: Tj=125°C, Vge=+15V/-15V, Rg ≥ recommended in datasheet

The data below shows the reverse bias safe operating area (RBSOA) and short circuit safe operating area (SCSOA). Within the RBSOA the IGBT can be switched off repetitive. Within the SCSOA the IGBT can be switched off in the case of a short circuit only, no repetitive operation.
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   - Measurement equipment
   - Machine tools
   - Audiovisual equipment
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   - Traffic-signal control equipment
   - Gas leakage detectors with an auto-shut-off feature
   - Emergency equipment for responding to disasters and anti-burglary devices
   - Safety devices
   - Medical equipment

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   - Aeronautic equipment
   - Nuclear control equipment
   - Submarine repeater equipment

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