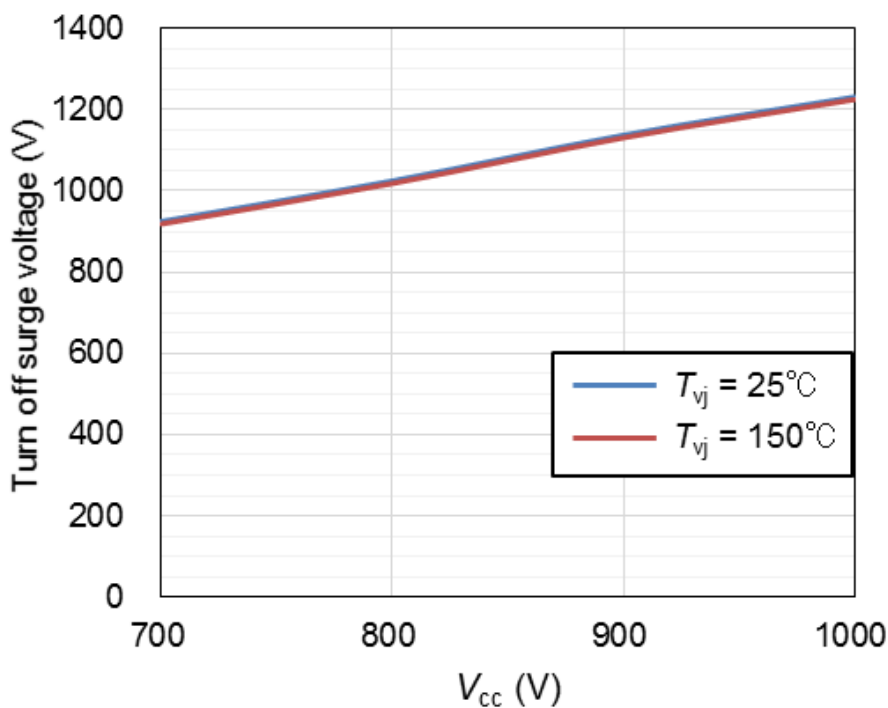


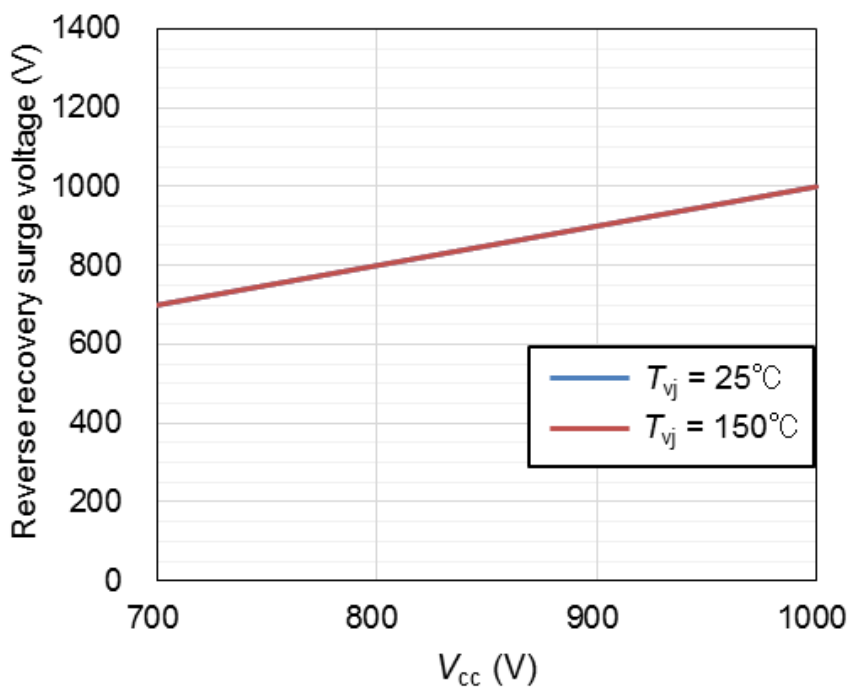
FUJI X-series IGBT Module 2MBI600XNF170-50

Surge voltage characteristics

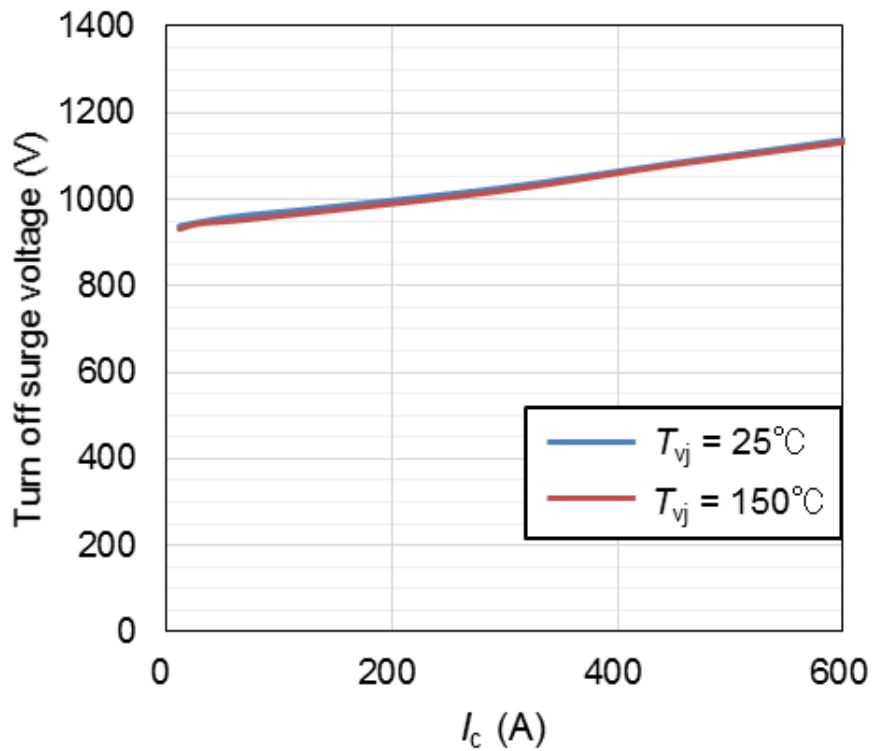
Measured module: 2MBI600XNF170-50
 Measured condition: $I_C=600A$, $V_{GE}=15V/-15V$, $R_G=1\Omega$, $L_S=35nH$, $T_{vj}=25^\circ C$, $150^\circ C$, $V_{cc}=var.$
 Snubber C : Rubycon, 161MPC335KL VP301



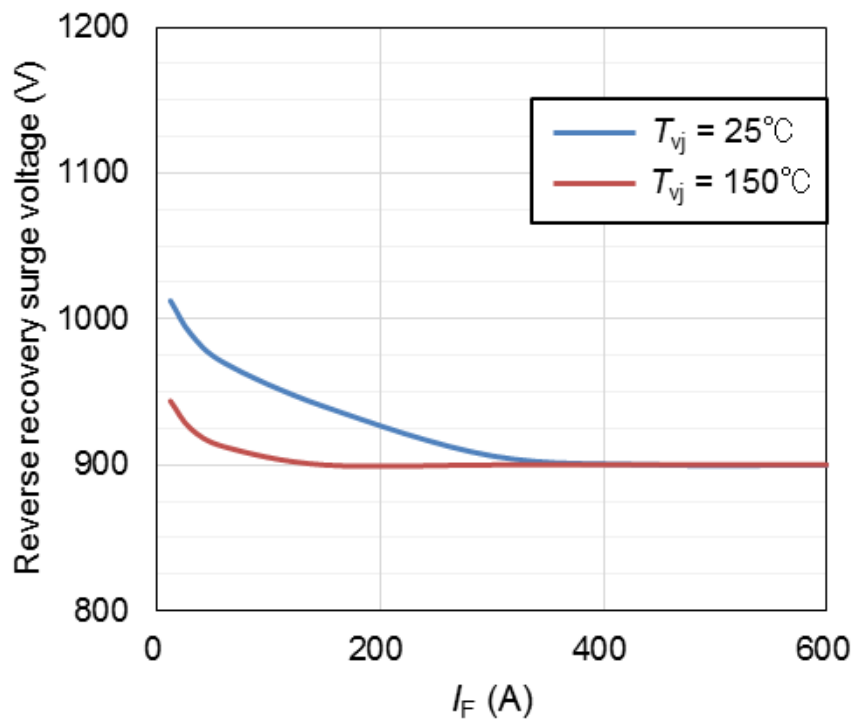
Measured condition: $I_F=600A$, $V_{GE}=15V/-15V$, $R_G=1\Omega$, $L_S=35nH$, $T_{vj}=25^\circ C$, $150^\circ C$, $V_{cc}=var.$
 Snubber C : Rubycon, 161MPC335KL VP301



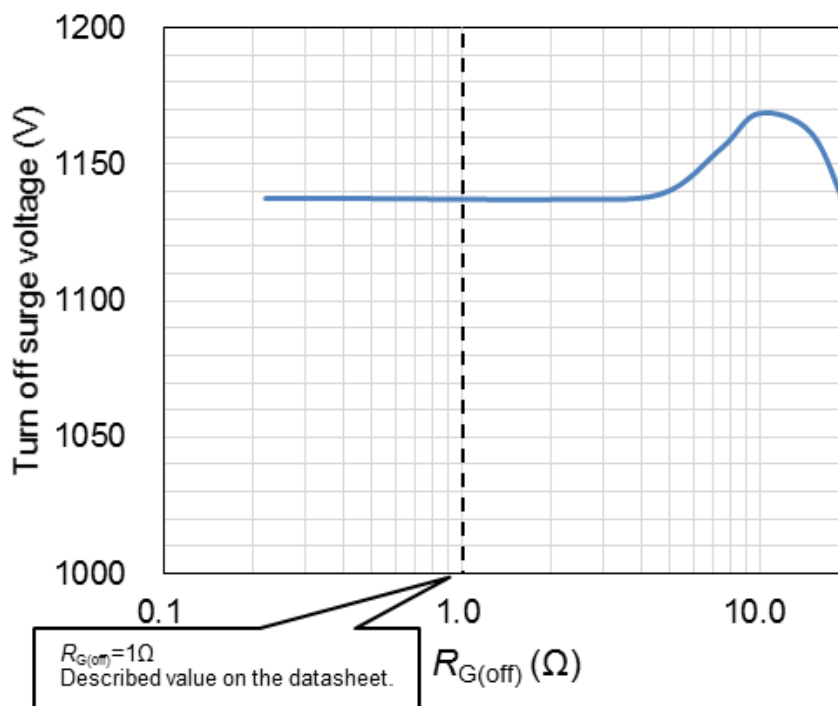
Measured module: 2MBI600XNF170-50
 Measured condition: $V_{cc}=900V$, $V_{GE}=15V/-15V$, $R_G=1\Omega$, $L_S=35nH$, $T_{vj}=25^\circ C$, $150^\circ C$, $I_c=var.$
 Snubber C : Rubycon, 161MPC335KL VP301



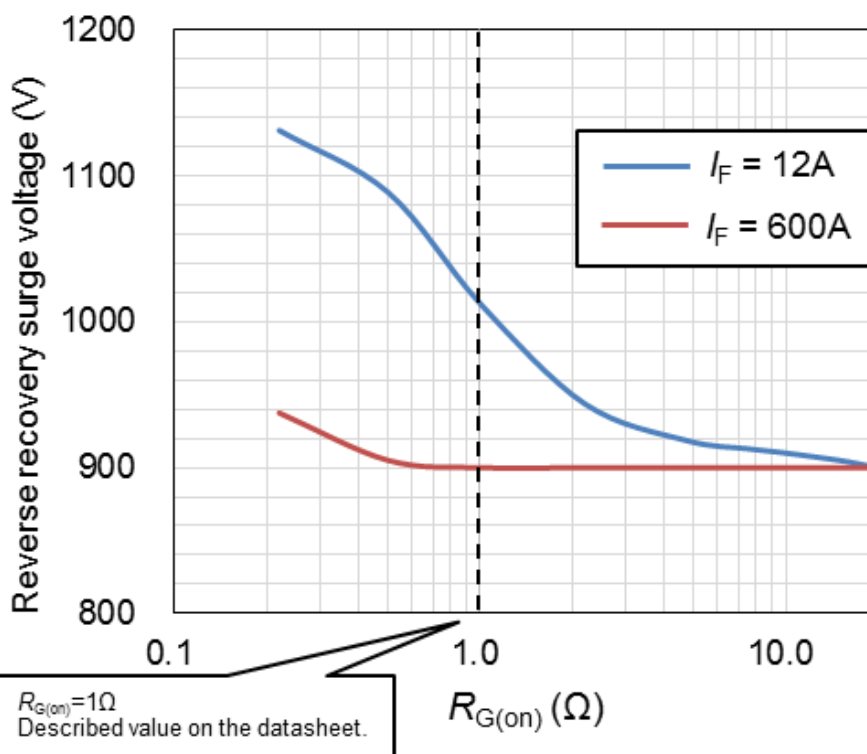
Measured condition: $V_{cc}=900V$, $V_{GE}=15V/-15V$, $R_G=1\Omega$, $L_S=35nH$, $T_{vj}=25^\circ C$, $150^\circ C$, $I_F=var.$
 Snubber C : Rubycon, 161MPC335KL VP301



Measured module: 2MBI600XNF170-50
 Measured condition: $V_{CC}=900V$, $I_C=600A$, $V_{GE}=15V/-15V$, $L_s=35nH$, $T_{vj}=25^{\circ}C$, $R_G=var.$
 Snubber C : Rubycon, 161MPC335KL VP301



Measured condition: $V_{CC}=900V$, $V_{GE}=15V/-15V$, $L_s=35nH$, $T_{vj}=25^{\circ}C$, $I_F=12A$, $600A$, $R_G=var.$
 Snubber C : Rubycon, 161MPC335KL VP301



The characteristics in this document is not guaranteed for all X-series IGBT modules. Please use as a reference. Please confirm the characteristics by measurement.

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