Excerpt from a book on macro programming (on page 73)  
[Amazon.com: CNC Programming using Fanuc Custom Macro B (9780071713320): S.K Sinha: Books](http://www.amazon.com/gp/product/0071713328?ie=UTF8&tag=machinetoolhe-20&linkCode=as2&camp=1789&creative=9325&creativeASIN=0071713328)  
  
**Enabling Boolean Operations**  
AND, OR, and XOR, as bitwise functions, are always available on the  
machine. However, their availability as Boolean functions is parameter  
(6006#0) dependent. The default setting of 6006#0 is 0, which  
does not allow AND, OR, and XOR to be used as Boolean functions.  
If their use as Boolean functions is also desired, set this bit to 1. With  
this setting, these functions can be used both as bitwise functions and  
Boolean functions. An example of a mixed use is given below, where  
behavior (bitwise or Boolean operation) of the AND function depends  
on the context of its use: http://www.practicalmachinist.com/vb/cnc-machining/fanuc-macro-b-question-s-s-if-while-statements-211241/