Index of Moderated Mediation (Hayes, 2014):

The formula for the PROCESS model is given in the table at the top of the third page of this pdf (I've been looking at Model 8 on PROCESS): http://www.afhayes.com/public/docaddendum.pdf

Bengt O. Muthen posted on Saturday, November 15, 2014 - 2:20 pm

The Hayes paper that this refers to shows the Mplus input for getting this index on page 51. In terms of our Loop plot for ex 3.18 document I pointed to where the X->M relation is moderated by Z and the definition of the indirect effect is

indirect = b*(gamma1+gamma2*mod);

the Hayes' index of moderated mediation is obtained as the NEW parameter

index = b*gamma2;

On page 51 this is referred to as "a3b1".