

Integral

%Integral function

Old name	%IntegralR								
Function	The function returns a time integral of a specified variable. The result is a real number. Expression, that contains this function, must be evaluated on a change.								
Declaration	<pre>REAL %Integral(REAL in Arg, INT in TimeInt, UNIVAL in CalcTrigger, BOOL in ResetTrigger)</pre>								
Parameters	<table><tr><td>Arg</td><td>Variable, which average is to be calculated.</td></tr><tr><td>TimeInt</td><td>Variable time parameter [s]. (For example: if the variable <i>pump capacity</i> is given in m3/hour, then the time parameter will be hour and the interval is 3600, or it is expressed by the system constant <i>@HodInt</i>).</td></tr><tr><td>CalcTrigger</td><td>Object, which change causes recalculation the function. Its type is optional.</td></tr><tr><td>ResetTrigger</td><td>Change of the parameter into the TRUE state causes resetting the integral.</td></tr></table>	Arg	Variable, which average is to be calculated.	TimeInt	Variable time parameter [s]. (For example: if the variable <i>pump capacity</i> is given in m3/hour, then the time parameter will be hour and the interval is 3600, or it is expressed by the system constant <i>@HodInt</i>).	CalcTrigger	Object, which change causes recalculation the function. Its type is optional.	ResetTrigger	Change of the parameter into the TRUE state causes resetting the integral.
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