

Case

%Case function

Old name	%CaseI						
Function	The function implements a programmable switch. Result is an integer value.						
Declaration	<pre>INT %Case(INT in Ctrl, INT in Default, INT in Case1, INT in Value1, ... INT in CaseN, INT in ValueN)</pre>						
Parameters	<table><tr><td>Ctrl</td><td>Switch control argument - determines which value will be the function result.</td></tr><tr><td>Default</td><td>Default value. This value will be the function result if none of the switch elements matches the control argument.</td></tr><tr><td>ValueX</td><td>Switch elements. If values of the parameters <i>Ctrl</i> and <i>CaseX</i> are identical, the value of the parameter <i>ValueX</i> will be the function result.</td></tr></table>	Ctrl	Switch control argument - determines which value will be the function result.	Default	Default value. This value will be the function result if none of the switch elements matches the control argument.	ValueX	Switch elements. If values of the parameters <i>Ctrl</i> and <i>CaseX</i> are identical, the value of the parameter <i>ValueX</i> will be the function result.
Ctrl	Switch control argument - determines which value will be the function result.						
Default	Default value. This value will be the function result if none of the switch elements matches the control argument.						
ValueX	Switch elements. If values of the parameters <i>Ctrl</i> and <i>CaseX</i> are identical, the value of the parameter <i>ValueX</i> will be the function result.						
Description	The function gets the value of the parameter <i>ValueX</i> if <i>Ctrl</i> is equal to <i>CaseX</i> . If <i>Ctrl</i> is equal to none of the parameters <i>CaseX</i> , the function gets the value defined in the parameter <i>Default</i> .						
Example	<pre>%Case(U.Ctrl_PS_GK_Manual, -1, 21, C.Tube02_PS2f_Pol, 22, C.Tube02_PS2a_Pol, 23, C.Tube02_PS2c_Pol)</pre>						



Related pages:

- [Implemented functions](#)
- [Function arguments - types](#)