

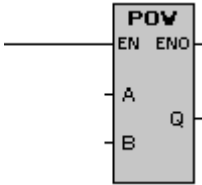
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POW (X to the Power of Y)

Function name	POW_010
Function version	1.0
Function state	stable
Compatibility with IEC61131-3	not compatible

Graphic symbol :



Input / Output :

Name	Belonging Group	Access	Types of data	Description
EN	Left Power Flow			IEC1131-3 enable input
A	Normal	R, RW	F, B, W, L, S	Input variable A
B	Normal	R, RW	F, B, W, L, S	Input variable B
Q	Normal	W, RW	F, B, W, L, S	Result of the operation
ENO	Right Power Flow			IEC1131-3 enable output

Description :

The operation calculates X to the power of Y executes the calculates (A) to the power of B and places the result in Q.
The eventual overflow in the result (Q) is ignored.
There are non error conditions.

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