

## Sommario

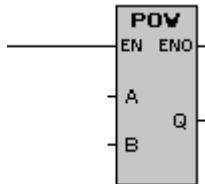
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## POW (X to the Power of Y)

<b>Function name</b>	POW_010
<b>Function version</b>	1.0
<b>Function state</b>	stable
<b>Compatibility with IEC61131-3</b>	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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