

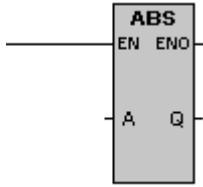
Sommario

ABS (Absolute Value) 3

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Function name	ABS_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
Q	Normal	W , RW	F , B , W , L , S	Result of the operation $Q = ABS(A)$
ENO	Right Power Flow			IEC1131-3 enable output

Description :

The absolute value operation calculates the absolute value of the value in A and place the result in Q.
There is a configuration in which the value of Q is undetermined. That condition is verified when the value of A is the minimum negative and A and Q are of the same type, like byte-byte, word-word, long-long.

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