

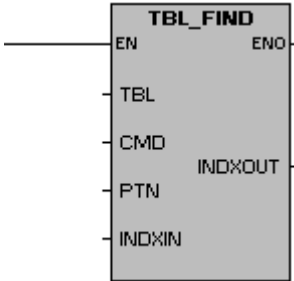
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TBL_FIND (Table Find)

Function name	TBLFIND_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	Power Flow sinistro			IEC1131-3 enable input
TBL	Nome array			Nome tabella
CMD	Normale	R , RW	B , W , L	Tipologia ricerca desiderata
PTN	Normale	R , RW	F , B , W , L , S	Dato da ricercare nella tabella
INDXIN	Normale	R , RW	B , W , L , S	Indice tabella da cui iniziare ricerca
INDXOUT	Normale	W , RW	B , W , L , S	Indice tabella risultatante
ENO	Power Flow destro			IEC1131-3 enable output

The operation **Table find** search in the table (TBL), starting from the record specified from INDXIN, the value (PTN) corresponding to the research criterions pointed out from CMD. The command parameter (CMD) is assigned to a numeric value comprised from 1 to 4, corresponding respectively to the relations =, <>, < and >. If it's found a record in the table corresponding to the research criterion, it is pointed by INDXOUT. To search the next corresponding record you need to increase INDXIN before recalling again the operation Table find. If there are no records corresponding to the research criterion, INDXOUT will get a value of zero.

Conditions error that set ENO = 0:

- Empty table
- Type of desired research, not included from 1 to 4.
- Table index from which to start, it is not included from 1 to the dimension table.

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