TestLimit

TestLimit function

Function

The function returns TRUE, if status of object (relating to defined limits) is the same as particular status that is defined by parameter **Stat**. If not, it returns FALSE.

Status	Meaning
InLimit	The value from the interval <LL..HL>.
VLL	The value is lower than VLL.
LL	The value is lower than LL.
HL	The value is higher than HL.
VHL	The value is higher than VHL.
Transient	Transient status - there was executed a command to set the object value, but there has not been verified the setting of value by backward reading yet.
Default	Default value.
Weak	Weak value - the system does not consider this value as valid because there have not been fulfilled all the conditions of its validity.
Weak Cmd	Weak Command.
Weak Ans	Weak Answer.
Limits Problem	Crossing of the dynamic limits - the condition VLL<LL<HL<VHL has been broken.

Declaration

```
= TestLimit(DDEreference, Stat)
```

Parameters

DDEreference	DDE reference in the format D_2000|STATUS!objname or D_2000|ARCH_STATUS!blname.
Stat	Status: Normal, Undefined, Out of range, Div by zero, Err.

Example

```
= TestLimit(D_2000|STATUS!U.Kx_O2_Ref_Plyn,InLimit)
```

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