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## VC10Calendar

**V** = Variables

**C** = Calculation functions

The VC10Calendar function calculates the day of the week (in numerical form see the Note) starting from the date expressed as day, month and year starting from 1/1/2000.

The function sets a negative value if you passed a wrong topic. The value determines the type of error.

## IMPLEMENTATION

### VC10Calendar (day, month, year, numday)

Parameters:

IN/OUT	VARIABLE TYPE	EXAMPLE NAME	DIM
IN	SYSTEM	day	L Number of the day (1÷31)
IN	SYSTEM	month	L Number of the month (1÷12)
IN	SYSTEM	year	L Year - 4 digits - (from 2000 onwards)
OUT	SYSTEM	numday	L Day of the week expressed in number: 0 = Sunday 1 = Monday 2 = Tuesday 3 = Wednesday 4 = Thursday 5 = Friday 6 = Saturday

### Error

If there was any data entry error would be reported on the **numday** variable with negative values. In particular:

- 1 = error in entering the day
- 2 = error in entering the month
- 3 = error in entering the year
- 4 = error in entering the day February month

### Example

In the example, If the day of the week of June 19, 2002 is Wednesday, it activates 'ofUscita' output.

```
day = 19
month = 6
year = 2002
VC10Calendar (day, month, year, numday)
IF (numday EQ 3)
  SETOUT ofUscita
ENDIF
```

### Note

- The function execute a WAIT a time every 180 milliseconds

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