

**Sommario**

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# DEVICE CALENDAR

## 1. Introductipon

The CALENDAR device is used to get and set the current date and time information.

### 1.1 Device declaration

The device does not use hardware resources. It is not necessary to define the sampling time because the operation is carried out in a time not significantly. In the INTDEVICE section of the configuration unit must be add the following definition:

```

-----
; Device declaration
-----
INTDEVICE
<device_name> CALENDAR
    
```

Where:

<device_name>	device name assigned
CALENDAR	keyword that identifies the device calendar.

Declaration example:

```

-----
; Device declaration
-----
INTDEVICE
myCalen CALENDAR
    
```

## 1.2 Operation

The device continuously updates the current date and time data.

### 1.3 Parameters table

Name	Dimensions	Default value	Access type	Unit of measure	Valid Range	Write conditions	Description
sec	Byte	-	RW	s (seconds)	from 0 to 59	-	<b>Seconds</b> The parameter indicates the seconds the current time.
min	Byte	-	RW	minutes	from 0 to 59	-	<b>Minutes</b> The parameter indicates the minutes of the current time.
hour	Byte	-	RW	hours	from 0 to 23	-	<b>Hour</b> The parameter indicates the time current local time.
date	Byte	-	RW	days	from 1 to 31	-	<b>Day</b> The parameter indicates the day of the current date.
month	Byte	-	RW	mounth	from 1 to 12	-	<b>Mounth</b> The parameter indicates the month of the current date using the following <b>1</b> January <b>2</b> February <b>3</b> March <b>4</b> April <b>5</b> May <b>6</b> June <b>7</b> July <b>8</b> August <b>9</b> September <b>10</b> October <b>11</b> November <b>12</b> December
year	Word	-	RW	year	from 2000 to 2100	-	<b>Year</b> The parameter indicates the current year.

### 1.4 States table

There aren't the states.

## 1.5 Coomands table

There aren't commands.

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