# OB1 - <offline>

"Main"

**Nome:** **Famiglia:**
**Autore:** **Versione:** 0.1
**Versione blocco:** 2
**Data e ora Codice:** 07/12/2018 18.04.52
**Interfaccia:** 15/02/1996 16.51.12
**Lunghezze (blocco / codice / dati):** 00306 00162 00022

| Nome | Tipo di dati | Indirizzo | Commento |
|---|---|---|---|
| TEMP | | 0.0 | |
| OB1_EV_CLASS | Byte | 0.0 | Bits 0-3 = 1 (Coming event), Bits 4-7 = 1 (Event class 1) |
| OB1_SCAN_1 | Byte | 1.0 | 1 (Cold restart scan 1 of OB 1), 3 (Scan 2-n of OB 1) |
| OB1_PRIORITY | Byte | 2.0 | Priority of OB Execution |
| OB1_OB_NUMBR | Byte | 3.0 | 1 (Organization block 1, OB1) |
| OB1_RESERVED_1 | Byte | 4.0 | Reserved for system |
| OB1_RESERVED_2 | Byte | 5.0 | Reserved for system |
| OB1_PREV_CYCLE | Int | 6.0 | Cycle time of previous OB1 scan (milliseconds) |
| OB1_MIN_CYCLE | Int | 8.0 | Minimum cycle time of OB1 (milliseconds) |
| OB1_MAX_CYCLE | Int | 10.0 | Maximum cycle time of OB1 (milliseconds) |
| OB1_DATE_TIME | Date_And_Time | 12.0 | Date and time OB1 started |

**Blocco: OB1 "Main Program Sweep (Cycle)"**

Segmento: 1

```
UN    "OnlyFalse"  M2.0
=     "OnlyTrue"   M2.1
```

Segmento: 2 profibus communication management

```
CALL  "FcDataGatewayProfibus"  FC20
```

Segmento: 3 modbus rtu communication management

```
CALL  "ManagementModbusRTU"  FC10
NOP   0
```

Segmento: 4 modbus tcp

```
CALL  "FcDataForDCS"  FC200
```

Segmento: 5 linearization of analog inputs

```
CALL  "ManagementInputAnalog"  FC11
```

Segmento: 6 Fc Alarm

```
CALL  "Fc_Alarm"  FC12
```

Segmento: 7 State of utilitis

```
      CALL  "FcStateOfUtilities"  FC13
```

Segmento: 8 calcolo il numero di essiccatori richiesti

```
      CALL  "ManagementNumberDryer"  FC16
```

Segmento: 9 commands automatic

```
      CALL  "FcCommandAutomatic"  FC15
```

Segmento: 10 management start dryer

```
      CALL  "ManagementStartDryer"  FC18
```

Segmento: 11 output

```
      CALL  "FcOutput"  FC14
```

Segmento: 12 Convert date

```
      CALL  "Convert_date"  FC19
```