

VARIABLES

VAR_GLOBAL

```
Serbatoi : ARRAY[ 0..3 ] OF SERBATOIO; (* Array gestione serbatoi *)
OImage : ARRAY[ 0..15 ] OF BOOL; (* Array immagine uscite *)
Do00M00 AT %QX0.0 : BOOL; (* Digital output 00 on module 0 *)
Do01M00 AT %QX0.1 : BOOL; (* Digital output 01 on module 0 *)
Do02M00 AT %QX0.2 : BOOL; (* Digital output 02 on module 0 *)
Do03M00 AT %QX0.3 : BOOL; (* Digital output 03 on module 0 *)
Do04M00 AT %QX0.4 : BOOL; (* Digital output 04 on module 0 *)
Do05M00 AT %QX0.5 : BOOL; (* Digital output 05 on module 0 *)
Do06M00 AT %QX0.6 : BOOL; (* Digital output 06 on module 0 *)
Do07M00 AT %QX0.7 : BOOL; (* Digital output 07 on module 0 *)
Do08M00 AT %QX0.8 : BOOL; (* Digital output 08 on module 0 *)
Do09M00 AT %QX0.9 : BOOL; (* Digital output 09 on module 0 *)
Do10M00 AT %QX0.10 : BOOL; (* Digital output 10 on module 0 *)
Do11M00 AT %QX0.11 : BOOL; (* Digital output 11 on module 0 *)
Do12M00 AT %QX0.12 : BOOL; (* Digital output 12 on module 0 *)
Do13M00 AT %QX0.13 : BOOL; (* Digital output 13 on module 0 *)
Do14M00 AT %QX0.14 : BOOL; (* Digital output 14 on module 0 *)
Do15M00 AT %QX0.15 : BOOL; (* Digital output 15 on module 0 *)
END_VAR
```

	Project : D0ArrayWImage	
	VARIABLES :	
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```
VAR
i : USINT; (* Auxiliary variable *)
END_VAR
```

```
1 (* ***** *)
2 (* GESTIONE USCITE DIGITALI *)
3 (* ***** *)
4 (* Eseguo gestione uscite digitali con indice. *)
5 (* ----- *)
6     (* Loop di gestione. *)
7
8     FOR i:=0 TO 3 DO
9         OImage[Serbatoi[i].Uscita]:=Serbatoi[i].IsAperto;
10    END_FOR;
11
12 (* [End of file] *)
13
14
```

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PROGRAM StartUp

```

1 (* ***** *)
2 (* INIZIALIZZAZIONE VARIABILI *)
3 (* ***** *)
4 (* Eseguo inizializzazione variabili. *)
5 (* ----- *)
6 (* Definisco l'uscita da usare per ogni serbatoio, in questo caso assegno *)
7 (* i valori in ordine da uscita 0 a 3, ma è possibile fare qualsiasi *)
8 (* assegnazione. *)
9
10 Serbatoi[0].Uscita:=0; (* Uscita logica di gestione *)
11 Serbatoi[1].Uscita:=1; (* Uscita logica di gestione *)
12 Serbatoi[2].Uscita:=2; (* Uscita logica di gestione *)
13 Serbatoi[3].Uscita:=3; (* Uscita logica di gestione *)
14
15 (* [End of file] *)
16
17

```

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	PROGRAM : StartUp	
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PROGRAM DOutput			
1	OImage[0] Do00M00		
2	OImage[1] Do01M00		
3	OImage[2] Do02M00		
4	OImage[3] Do03M00		
5	OImage[4] Do04M00		
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PROGRAM DOutput

6	OImage[5] Do05M00	
7	OImage[6] Do06M00	
8	OImage[7] Do07M00	
9	OImage[8] Do08M00	
10	OImage[9] Do09M00	

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PROGRAM DOutput

11	OImage[10] Do10M00	
12	OImage[11] Do11M00	
13	OImage[12] Do12M00	
14	OImage[13] Do13M00	
15	OImage[14] Do14M00	

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OImage[15]

Do15M00

16

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PROGRAM : DOutput

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Author :

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