

Block: MAIN
 Author:
 Created: 04/05/2007 10:09:32 am
 Last Modified: 05/29/2007 01:34:38 pm

| Symbol | Var Type | Data Type | Comment |
|--------|----------|-----------|---------|
| | TEMP | | |
| | TEMP | | |
| | TEMP | | |
| | TEMP | | |

PROGRAM COMMENTS

Network 1 Network Title

OPROEP ASI

LD SM0.0
 CALL ASI0_CTRL, VB100

| Symbol | Address | Comment |
|-----------|---------|---|
| ASI0_CTRL | SBR1 | This POU was generated by the AS-i Wizard for use with a module at position 0. This subroutine copies slave I/O data to and from V memory locations. This instruction should be called every scan and only be used once in the project. |

Network 2

INDIEN ER EEN BLOKJE VOOR SENSOR STAAT MAG CILINDER NIET INSCHUIVEN

LD DI01A_2
 O DI011A_2
 O DI024A_2
 A DI02_1
 LD DI03_3
 O DI01A_1
 O DI011A_1
 O DI024A_2
 NOT
 A M0.3
 OLD
 = M0.3

| Symbol | Address | Comment |
|----------|---------|--|
| DI011A_1 | V5.0 | Symbol Input 1:Slave 11A - Digital (4I/3Q (AB 7Hex)) |
| DI011A_2 | V5.1 | Symbol Input 2:Slave 11A - Digital (4I/3Q (AB 7Hex)) |
| DI01A_1 | V0.0 | Symbol Input 1:Slave 1A - Digital (4I/3Q (AB 7Hex)) |
| DI01A_2 | V0.1 | Symbol Input 2:Slave 1A - Digital (4I/3Q (AB 7Hex)) |
| DI024A_2 | V12.5 | Symbol Input 2:Slave 24A - Digital (4I/3Q (AB 7Hex)) |
| DI02_1 | V1.4 | Symbol Input 1:Slave 2 - Digital (3I/1Q (St 1Hex)) |
| DI03_3 | V1.2 | Symbol Input 3:Slave 3 - Digital (4I/4Q (St 7Hex)) |

Network 3

START STOP van de 3 eilanden + 3 controlelampen die branden + V27.0 is het druk3/2 ventiel eiland 3

```

LD      DI03_4
LD      DI01A_2
O       DI011A_2
O       DI024A_2
ALD
LD      DI01A_1
O       DI011A_1
O       DI024A_1
NOT
A       M0.0
OLD
=       M0.0
=       DQ011A_1
=       DQ024A_1
=       DQ01A_1

```

| Symbol | Address | Comment |
|----------|---------|---|
| DI011A_1 | V5.0 | Symbol Input 1:Slave 11A - Digital (4I/3Q (AB 7Hex)) |
| DI011A_2 | V5.1 | Symbol Input 2:Slave 11A - Digital (4I/3Q (AB 7Hex)) |
| DI01A_1 | V0.0 | Symbol Input 1:Slave 1A - Digital (4I/3Q (AB 7Hex)) |
| DI01A_2 | V0.1 | Symbol Input 2:Slave 1A - Digital (4I/3Q (AB 7Hex)) |
| DI024A_1 | V12.4 | Symbol Input 1:Slave 24A - Digital (4I/3Q (AB 7Hex)) |
| DI024A_2 | V12.5 | Symbol Input 2:Slave 24A - Digital (4I/3Q (AB 7Hex)) |
| DI03_4 | V1.3 | Symbol Input 4:Slave 3 - Digital (4I/4Q (St 7Hex)) |
| DQ011A_1 | V21.0 | Symbol Output 1:Slave 11A - Digital (4I/3Q (AB 7Hex)) |
| DQ01A_1 | V16.0 | Symbol Output 1:Slave 1A - Digital (4I/3Q (AB 7Hex)) |
| DQ024A_1 | V28.4 | Symbol Output 1:Slave 24A - Digital (4I/3Q (AB 7Hex)) |

Network 4

STOPPEN VAN DE SCHAKELING WAARBIJ DE ARM STEEDS NAAR DE TRANSPORTBAND MOET BEWEGEN

```

LD      DI01A_1
O       DI011A_1
O       DI024A_1
LD      DI01A_2
O       DI011A_2
O       DI024A_2
NOT
A       M0.1
OLD
=       M0.1

```

| Symbol | Address | Comment |
|----------|---------|--|
| DI011A_1 | V5.0 | Symbol Input 1:Slave 11A - Digital (4I/3Q (AB 7Hex)) |
| DI011A_2 | V5.1 | Symbol Input 2:Slave 11A - Digital (4I/3Q (AB 7Hex)) |
| DI01A_1 | V0.0 | Symbol Input 1:Slave 1A - Digital (4I/3Q (AB 7Hex)) |
| DI01A_2 | V0.1 | Symbol Input 2:Slave 1A - Digital (4I/3Q (AB 7Hex)) |
| DI024A_1 | V12.4 | Symbol Input 1:Slave 24A - Digital (4I/3Q (AB 7Hex)) |
| DI024A_2 | V12.5 | Symbol Input 2:Slave 24A - Digital (4I/3Q (AB 7Hex)) |

Network 5

```

LD      DI02_1
A       DI03_3
O       M4.0
AN     DI03_4
=       M4.0

```

| Symbol | Address | Comment |
|--------|---------|--|
| DI02_1 | V1.4 | Symbol Input 1:Slave 2 - Digital (3I/1Q (St 1Hex)) |
| DI03_3 | V1.2 | Symbol Input 3:Slave 3 - Digital (4I/4Q (St 7Hex)) |
| DI03_4 | V1.3 | Symbol Input 4:Slave 3 - Digital (4I/4Q (St 7Hex)) |

Network 6

```

LD      DI02_1
A       DI03_1
LD      M0.2
A       M0.0
OLD
AN      DI03_3
=       M0.2

```

| Symbol | Address | Comment |
|--------|---------|--|
| DI02_1 | V1.4 | Symbol Input 1:Slave 2 - Digital (3I/1Q (St 1Hex)) |
| DI03_1 | V1.0 | Symbol Input 1:Slave 3 - Digital (4I/4Q (St 7Hex)) |
| DI03_3 | V1.2 | Symbol Input 3:Slave 3 - Digital (4I/4Q (St 7Hex)) |

Network 7

CILINDER BLOKJE PLAATSSEN

```

LD      M0.0
AN      M0.3
AN      M0.2
AN      DI03_3
AN      M4.0
=       DQ03_1

```

| Symbol | Address | Comment |
|--------|---------|---|
| DI03_3 | V1.2 | Symbol Input 3:Slave 3 - Digital (4I/4Q (St 7Hex)) |
| DQ03_1 | V17.0 | Symbol Output 1:Slave 3 - Digital (4I/4Q (St 7Hex)) |

Network 8

ARM NAAR LINKS OM BLOKJE TE NEMEN

```

LD      DI02_1
AN      DQ03_1
O       DQ03_4
A       M0.0
AN      M0.5
AN      DQ03_2
O       M1.1
=       DQ03_4

```

| Symbol | Address | Comment |
|--------|---------|---|
| DI02_1 | V1.4 | Symbol Input 1:Slave 2 - Digital (3I/1Q (St 1Hex)) |
| DQ03_1 | V17.0 | Symbol Output 1:Slave 3 - Digital (4I/4Q (St 7Hex)) |
| DQ03_2 | V17.1 | Symbol Output 2:Slave 3 - Digital (4I/4Q (St 7Hex)) |
| DQ03_4 | V17.3 | Symbol Output 4:Slave 3 - Digital (4I/4Q (St 7Hex)) |

Network 9

ARM TERUG NAAR RECHTS BIJ STOP. INDIEN HALVERWEGE EERST BLOKJE NEERZETTEN.

```

LD      DI03_3
A       M0.1
=       M1.2

```

| Symbol | Address | Comment |
|--------|---------|--|
| DI03_3 | V1.2 | Symbol Input 3:Slave 3 - Digital (4I/4Q (St 7Hex)) |

Network 10

ZUIGER AAN INDIEN ARM LINKS STAAT. ZUIGER UIT INDIEN ARM RECHTS STAAT

```

LD      DI03_3
O       DQ03_2
AN      M1.2
AN      DI03_4
=       DQ03_2

```

| Symbol | Address | Comment |
|--------|---------|---|
| DI03_3 | V1.2 | Symbol Input 3:Slave 3 - Digital (4I/4Q (St 7Hex)) |
| DI03_4 | V1.3 | Symbol Input 4:Slave 3 - Digital (4I/4Q (St 7Hex)) |
| DQ03_2 | V17.1 | Symbol Output 2:Slave 3 - Digital (4I/4Q (St 7Hex)) |

Network 11

ARM NAAR RECHTS NA ZUIGER AAN OM BLOKJE TE PLAATSEN OP TRANSPORTBAND

```
LD      M0 . 1
O       DQ03_2
AN      DI03_4
=       DQ03_3
```

| Symbol | Address | Comment |
|--------|---------|---|
| DI03_4 | V1.3 | Symbol Input 4:Slave 3 - Digital (4I/4Q (St 7Hex)) |
| DQ03_2 | V17.1 | Symbol Output 2:Slave 3 - Digital (4I/4Q (St 7Hex)) |
| DQ03_3 | V17.2 | Symbol Output 3:Slave 3 - Digital (4I/4Q (St 7Hex)) |

Network 12

2DE BLOKJE OP TRANSPORTBAND. MOTOR BLIJFT DRAAIEN EN ARM STAAT STIL. EERST 2 BLOKJES AFWERKEN VOOR ARM TERUG NAAR LINKS MAG GAAN.

```
LD      DI013_4
A       DI012_4
O       M0 . 5
AN      M1 . 1
=       M0 . 5
```

| Symbol | Address | Comment |
|---------|---------|---|
| DI012_4 | V6.7 | Symbol Input 4:Slave 12 - Digital (2I/2Q (St BHex)) |
| DI013_4 | V6.3 | Symbol Input 4:Slave 13 - Digital (2I/2Q (St BHex)) |

Network 13

MOTOR TRANSPORTBAND

```
LD      M0 . 5
O       M0 . 4
A       DI014_4
A       M0 . 0
AN      M1 . 0
=       DQ012_1
```

| Symbol | Address | Comment |
|---------|---------|--|
| DI014_4 | V7.7 | Symbol Input 4:Slave 14 - Digital (2I/2Q (St BHex)) |
| DQ012_1 | V22.4 | Symbol Output 1:Slave 12 - Digital (2I/2Q (St BHex)) |

Network 14

1STE BLOKJE OP TRANSPORTBAND TOT 2DE SENSOR. DAN MOTOR STOPPEN

```
LD      DI03_4
O       M0 . 4
AN      DI012_4
AN      M1 . 1
A       M0 . 0
=       M0 . 4
```

| Symbol | Address | Comment |
|---------|---------|---|
| DI012_4 | V6.7 | Symbol Input 4:Slave 12 - Digital (2I/2Q (St BHex)) |
| DI03_4 | V1.3 | Symbol Input 4:Slave 3 - Digital (4I/4Q (St 7Hex)) |

Network 15

CILINDER ANALOGUE METING NAAR BOVEN V23.5 in plaats van 23.4

```
LD      M0 . 0
AN      M1 . 0
O       M0 . 1
=       DQ014_2
```

| Symbol | Address | Comment |
|---------|---------|--|
| DQ014_2 | V23.5 | Symbol Output 2:Slave 14 - Digital (2I/2Q (St BHex)) |

Network 16

DETECTIE INDUCTIEVE SENSOR. Blokje moet verder naar einde transportband

```
LD    DI012_3
O     M0.7
A     DI014_3
A     M0.0
=     M0.7
```

| Symbol | Address | Comment |
|---------|---------|---|
| DI012_3 | V6.6 | Symbol Input 3:Slave 12 - Digital (2I/2Q (St BHex)) |
| DI014_3 | V7.6 | Symbol Input 3:Slave 14 - Digital (2I/2Q (St BHex)) |

Network 17

```
LD    M1.0
TON   T37, 40
```

Network 18

```
LD    T37
O     M1.3
A     DI014_3
=     M1.3
```

| Symbol | Address | Comment |
|---------|---------|---|
| DI014_3 | V7.6 | Symbol Input 3:Slave 14 - Digital (2I/2Q (St BHex)) |

Network 19

TRANSPORTBAND STOPPEN EN CILINDER ANALOGE METING UIT

```
LDN   M0.7
A     DI013_3
AN    M1.3
=     M1.0
```

| Symbol | Address | Comment |
|---------|---------|---|
| DI013_3 | V6.2 | Symbol Input 3:Slave 13 - Digital (2I/2Q (St BHex)) |

Network 20

Teller. 2 blokjes tellen daarna mag arm terug blokje nemen.

```
LD    DI021_1
A     DI022_1
LDN   M0.5
CTU   C1, 2
```

| Symbol | Address | Comment |
|---------|---------|---|
| DI021_1 | V10.0 | Symbol Input 1:Slave 21 - Digital (4I/4Q (St 7Hex)) |
| DI022_1 | V11.4 | Symbol Input 1:Slave 22 - Digital (4I/4Q (St 7Hex)) |

Network 21

Merker om arm blokje te laten nemen na counter C1

```
LD    C1
A     DI021_4
=     M1.1
```

| Symbol | Address | Comment |
|---------|---------|---|
| DI021_4 | V10.3 | Symbol Input 4:Slave 21 - Digital (4I/4Q (St 7Hex)) |

Network 22

```

LD      M3 . 1
LD      T63
NOT
A       M3 . 5
OLD
=       M3 . 5

```

Network 23

```

LD      M3 . 2
LD      T63
NOT
A       M3 . 6
OLD
=       M3 . 6

```

Network 24

```

LD      M3 . 5
O       M3 . 6
TON     T63 , 20

```

Network 25

Blazer links eiland 3

```

LDN     M3 . 5
=       DQ021_2

```

| Symbol | Address | Comment |
|---------|---------|--|
| DQ021_2 | V26.1 | Symbol Output 2:Slave 21 - Digital (4I/4Q (St 7Hex)) |

Network 26

Blazer rechts eiland 3

```

LDN     M3 . 6
=       DQ021_1

```

| Symbol | Address | Comment |
|---------|---------|--|
| DQ021_1 | V26.0 | Symbol Output 1:Slave 21 - Digital (4I/4Q (St 7Hex)) |

Network 27

3/2 ventiel eiland 3 moet steeds actief zijn na start

```

LD      M0 . 0
O       DQ023_1
=       DQ023_1

```

| Symbol | Address | Comment |
|---------|---------|--|
| DQ023_1 | V27.0 | Symbol Output 1:Slave 23 - Digital (2I/2Q (St BHex)) |

Network 28

GRIJPEREILAND 3 NAAR TRANSPORTBAND BIJ START EN INDIEN ER EEN BLOKJE AANWEZIG IS OP HET EINDE VAN DE TRANSPORTBAND.

```

LD      M0 . 0
AN      DI021_1
AN      DQ022_4
=       DQ021_3

```

| Symbol | Address | Comment |
|---------|---------|--|
| DI021_1 | V10.0 | Symbol Input 1:Slave 21 - Digital (4I/4Q (St 7Hex)) |
| DQ021_3 | V26.2 | Symbol Output 3:Slave 21 - Digital (4I/4Q (St 7Hex)) |
| DQ022_4 | V27.7 | Symbol Output 4:Slave 22 - Digital (4I/4Q (St 7Hex)) |

Network 29

1ste blokje op transportband onthouden

```

LD      DI013_4
LD      M1 . 5
O       M1 . 6
NOT
A       M1 . 4
OLD
=       M1 . 4

```

| Symbol | Address | Comment |
|---------|---------|---|
| DI013_4 | V6.3 | Symbol Input 4:Slave 13 - Digital (2I/2Q (St BHex)) |

Network 30

als 1ste blokje metaal is

```

LD      M1 . 4
A       DI012_3
O       M1 . 5
AN      M1 . 6
AN      DI021_2
AN      DI03_3
=       M1 . 5

```

| Symbol | Address | Comment |
|---------|---------|---|
| DI012_3 | V6.6 | Symbol Input 3:Slave 12 - Digital (2I/2Q (St BHex)) |
| DI021_2 | V10.1 | Symbol Input 2:Slave 21 - Digital (4I/4Q (St 7Hex)) |
| DI03_3 | V1.2 | Symbol Input 3:Slave 3 - Digital (4I/4Q (St 7Hex)) |

Network 31

als 1ste blokje rood of zwart is

```

LD      M1 . 4
A       DI013_3
O       M1 . 6
AN      M1 . 5
AN      DI021_3
AN      DI03_3
=       M1 . 6

```

| Symbol | Address | Comment |
|---------|---------|---|
| DI013_3 | V6.2 | Symbol Input 3:Slave 13 - Digital (2I/2Q (St BHex)) |
| DI021_3 | V10.2 | Symbol Input 3:Slave 21 - Digital (4I/4Q (St 7Hex)) |
| DI03_3 | V1.2 | Symbol Input 3:Slave 3 - Digital (4I/4Q (St 7Hex)) |

Network 32

geheugen 2de blokje

```

LD      M1 . 5
O       M1 . 6
AN      DI014_3
O       M2 . 4
AN      DI03_3
=       M2 . 4

```

| Symbol | Address | Comment |
|---------|---------|---|
| DI014_3 | V7.6 | Symbol Input 3:Slave 14 - Digital (2I/2Q (St BHex)) |
| DI03_3 | V1.2 | Symbol Input 3:Slave 3 - Digital (4I/4Q (St 7Hex)) |

Network 33

2de blokje metaal

```

LD      M2 . 4
A       DI012_3
O       M2 . 0
AN      M2 . 1
AN      DI03_3
=       M2 . 0

```

| Symbol | Address | Comment |
|---------|---------|---|
| DI012_3 | V6.6 | Symbol Input 3:Slave 12 - Digital (2I/2Q (St BHex)) |
| DI03_3 | V1.2 | Symbol Input 3:Slave 3 - Digital (4I/4Q (St 7Hex)) |

Network 34

```
LDN    DI014_4
LD     DI03_3
CTU    C2, 2
```

| Symbol | Address | Comment |
|---------|---------|---|
| DI014_4 | V7.7 | Symbol Input 4:Slave 14 - Digital (2I/2Q (St BHex)) |
| DI03_3 | V1.2 | Symbol Input 3:Slave 3 - Digital (4I/4Q (St 7Hex)) |

Network 35

2de blokje rood of zwart

```
LD     M2.4
A      DI013_3
O      M2.1
AN     M2.0
AN     DI03_3
=      M2.1
```

| Symbol | Address | Comment |
|---------|---------|---|
| DI013_3 | V6.2 | Symbol Input 3:Slave 13 - Digital (2I/2Q (St BHex)) |
| DI03_3 | V1.2 | Symbol Input 3:Slave 3 - Digital (4I/4Q (St 7Hex)) |

Network 36

2 de blokje metaal

```
LD     M2.0
A      C2
O      M2.5
AN     DI021_2
AN     M2.6
=      M2.5
```

| Symbol | Address | Comment |
|---------|---------|---|
| DI021_2 | V10.1 | Symbol Input 2:Slave 21 - Digital (4I/4Q (St 7Hex)) |

Network 37

2de blokje rood of zwart

```
LD     M2.1
A      C2
O      M2.6
AN     DI021_3
AN     M2.5
=      M2.6
```

| Symbol | Address | Comment |
|---------|---------|---|
| DI021_3 | V10.2 | Symbol Input 3:Slave 21 - Digital (4I/4Q (St 7Hex)) |

Network 38

metaal

```
LD     M1.5
O      M2.5
A      DI021_4
A      DQ022_4
=      M2.7
```

| Symbol | Address | Comment |
|---------|---------|--|
| DI021_4 | V10.3 | Symbol Input 4:Slave 21 - Digital (4I/4Q (St 7Hex)) |
| DQ022_4 | V27.7 | Symbol Output 4:Slave 22 - Digital (4I/4Q (St 7Hex)) |

Network 39

rood of zwart

```

LD      M1 . 6
O       M2 . 6
A       DI021_4
A       DQ022_4
=       M3 . 0

```

| Symbol | Address | Comment |
|---------|---------|--|
| DI021_4 | V10.3 | Symbol Input 4:Slave 21 - Digital (4I/4Q (St 7Hex)) |
| DQ022_4 | V27.7 | Symbol Output 4:Slave 22 - Digital (4I/4Q (St 7Hex)) |

Network 40

Cilinder naar sorteerbak

```

LD      M2 . 7
O       M3 . 0
A       M0 . 0
=       DQ021_4

```

| Symbol | Address | Comment |
|---------|---------|--|
| DQ021_4 | V26.3 | Symbol Output 4:Slave 21 - Digital (4I/4Q (St 7Hex)) |

Network 41

zuiger naar beneden

```

LD      DI021_1
AN      DI014_4
AN      DI022_1
O       DQ022_2
AN      DQ022_4
A       M0 . 0
=       DQ022_2

```

| Symbol | Address | Comment |
|---------|---------|--|
| DI014_4 | V7.7 | Symbol Input 4:Slave 14 - Digital (2I/2Q (St BHex)) |
| DI021_1 | V10.0 | Symbol Input 1:Slave 21 - Digital (4I/4Q (St 7Hex)) |
| DI022_1 | V11.4 | Symbol Input 1:Slave 22 - Digital (4I/4Q (St 7Hex)) |
| DQ022_2 | V27.5 | Symbol Output 2:Slave 22 - Digital (4I/4Q (St 7Hex)) |
| DQ022_4 | V27.7 | Symbol Output 4:Slave 22 - Digital (4I/4Q (St 7Hex)) |

Network 42

Zuiger

```

LDN     DI021_4
A       DI022_1
O       DQ022_4
AN      M3 . 2
AN      M3 . 1
AN      DI011A_1
=       DQ022_4

```

| Symbol | Address | Comment |
|----------|---------|--|
| DI011A_1 | V5.0 | Symbol Input 1:Slave 11A - Digital (4I/3Q (AB 7Hex)) |
| DI021_4 | V10.3 | Symbol Input 4:Slave 21 - Digital (4I/4Q (St 7Hex)) |
| DI022_1 | V11.4 | Symbol Input 1:Slave 22 - Digital (4I/4Q (St 7Hex)) |
| DQ022_4 | V27.7 | Symbol Output 4:Slave 22 - Digital (4I/4Q (St 7Hex)) |

Network 43

```

LD      M2 . 7
O       M3 . 3
AN      DI021_1
=       M3 . 3

```

| Symbol | Address | Comment |
|---------|---------|---|
| DI021_1 | V10.0 | Symbol Input 1:Slave 21 - Digital (4I/4Q (St 7Hex)) |

Network 44

```
LD    DI021_2
A     M3.3
=     M3.1
```

| Symbol | Address | Comment |
|---------|---------|---|
| DI021_2 | V10.1 | Symbol Input 2:Slave 21 - Digital (4I/4Q (St 7Hex)) |

Network 45

```
LD    M3.0
O     M3.4
AN   DI021_1
=     M3.4
```

| Symbol | Address | Comment |
|---------|---------|---|
| DI021_1 | V10.0 | Symbol Input 1:Slave 21 - Digital (4I/4Q (St 7Hex)) |

Network 46

```
LD    DI021_3
A     M3.4
=     M3.2
```

| Symbol | Address | Comment |
|---------|---------|---|
| DI021_3 | V10.2 | Symbol Input 3:Slave 21 - Digital (4I/4Q (St 7Hex)) |

Network 47

cilinder naar boven

```
LD    DI022_1
A     DQ022_4
O     DQ022_1
A     M0.0
=     DQ022_1
```

| Symbol | Address | Comment |
|---------|---------|--|
| DI022_1 | V11.4 | Symbol Input 1:Slave 22 - Digital (4I/4Q (St 7Hex)) |
| DQ022_1 | V27.4 | Symbol Output 1:Slave 22 - Digital (4I/4Q (St 7Hex)) |
| DQ022_4 | V27.7 | Symbol Output 4:Slave 22 - Digital (4I/4Q (St 7Hex)) |

Network 48

Analoog signaal

Network 49

```
LDW> MW6, 25
=     M5.0
```

Network 50

```
LDW< MW6, 25
=     M5.1
```

Network 51

```
LD    M0.0
MOVW  AIW0, MW4
AENO
MOVW  MW4, MW6
/I    +286, MW6
```

Block: SBR_0
Author:
Created: 04/05/2007 10:09:32 am
Last Modified: 05/29/2007 01:34:38 pm

| Symbol | Var Type | Data Type | Comment |
|--------|----------|-----------|---------|
| | IN | | |
| | IN_OUT | | |
| | OUT | | |
| | TEMP | | |

SUBROUTINE COMMENTS

Network 1 Network Title

Network Comment

Block: INT_0
Author:
Created: 04/05/2007 10:09:32 am
Last Modified: 05/29/2007 01:34:38 pm

| Symbol | Var Type | Data Type | Comment |
|--------|----------|-----------|---------|
| | TEMP | | |
| | TEMP | | |
| | TEMP | | |
| | TEMP | | |

INTERRUPT ROUTINE COMMENTS

Network 1 Network Title

Network Comment

Block: ASI0_CTRL
 Author: AS-Interface Wizard
 Created: 04/18/2007 06:07:49 pm
 Last Modified: 05/29/2007 01:34:38 pm

| | Symbol | Var Type | Data Type | Comment |
|-----|--------|----------|-----------|--------------|
| | | IN | | |
| | | IN_OUT | | |
| LB0 | Error | OUT | BYTE | error status |
| | | OUT | | |
| | | TEMP | | |



This POU was generated by the AS-i Wizard for use with a module at position 0. This subroutine copies slave I/O data to and from V memory locations. This instruction should be called every scan and only be used once in the project.

Block: ASI0_READ
Author: AS-Interface Wizard
Created: 04/18/2007 06:07:49 pm
Last Modified: 05/29/2007 01:34:38 pm

| | Symbol | Var Type | Data Type | Comment |
|------|--------|----------|-----------|--|
| LB0 | Bank | IN | BYTE | bank specification |
| LD1 | DB_Ptr | IN | DWORD | address of starting location of 16 bytes |
| | | IN | | |
| | | IN_OUT | | |
| L5.0 | Done | OUT | BOOL | command status |
| LB6 | Error | OUT | BYTE | error status |
| | | OUT | | |
| | | TEMP | | |



This POU was generated by the AS-i Wizard for use with a module at position 0. This subroutine is used to read data from CP.


Block: ASI0_WRITE
 Author: AS-Interface Wizard
 Created: 04/18/2007 06:07:49 pm
 Last Modified: 05/29/2007 01:34:38 pm

| | Symbol | Var Type | Data Type | Comment |
|------|--------|----------|-----------|--|
| LB0 | Bank | IN | BYTE | bank specification |
| LD1 | DB_Ptr | IN | DWORD | address of starting location of 16 bytes |
| | | IN | | |
| | | IN_OUT | | |
| L5.0 | Done | OUT | BOOL | command status |
| LB6 | Error | OUT | BYTE | error status |
| | | OUT | | |
| | | TEMP | | |



This POU was generated by the AS-i Wizard for use with a module at position 0. This subroutine is used to write data to CP.

|   Symbol | Address | Comment |
|--|---------|---------|
|--|---------|---------|

|  Symbol | Address | Comment |
|--|---------|---|
| SBR_0 | SBR0 | SUBROUTINE COMMENTS |
| ASI0_CTRL | SBR1 | This POU was generated by the AS-i Wizard for use with a module at position 0. This subroutine copies slave I/O data to and from V memory locations. This instruction should be called every scan and only be used once in the project. |
| ASI0_READ | SBR2 | This POU was generated by the AS-i Wizard for use with a module at position 0. This subroutine is used to read data from CP. |
| ASI0_WRITE | SBR3 | This POU was generated by the AS-i Wizard for use with a module at position 0. This subroutine is used to write data to CP. |
| INT_0 | INT0 | INTERRUPT ROUTINE COMMENTS |
| MAIN | OB1 | PROGRAM COMMENTS |

| Symbol | Address | Comment |
|----------|---------|---|
| DI024A_1 | V12.4 | Symbol Input 1:Slave 24A - Digital (4I/3Q (AB 7Hex)) |
| DI024A_2 | V12.5 | Symbol Input 2:Slave 24A - Digital (4I/3Q (AB 7Hex)) |
| DI024A_3 | V12.6 | Symbol Input 3:Slave 24A - Digital (4I/3Q (AB 7Hex)) |
| DI024A_4 | V12.7 | Symbol Input 4:Slave 24A - Digital (4I/3Q (AB 7Hex)) |
| DQ024A_1 | V28.4 | Symbol Output 1:Slave 24A - Digital (4I/3Q (AB 7Hex)) |
| DQ024A_2 | V28.5 | Symbol Output 2:Slave 24A - Digital (4I/3Q (AB 7Hex)) |
| DQ024A_3 | V28.6 | Symbol Output 3:Slave 24A - Digital (4I/3Q (AB 7Hex)) |
| DI023_3 | V11.2 | Symbol Input 3:Slave 23 - Digital (2I/2Q (St BHex)) |
| DI023_4 | V11.3 | Symbol Input 4:Slave 23 - Digital (2I/2Q (St BHex)) |
| DQ023_1 | V27.0 | Symbol Output 1:Slave 23 - Digital (2I/2Q (St BHex)) |
| DQ023_2 | V27.1 | Symbol Output 2:Slave 23 - Digital (2I/2Q (St BHex)) |
| DI022_1 | V11.4 | Symbol Input 1:Slave 22 - Digital (4I/4Q (St 7Hex)) |
| DI022_2 | V11.5 | Symbol Input 2:Slave 22 - Digital (4I/4Q (St 7Hex)) |
| DI022_3 | V11.6 | Symbol Input 3:Slave 22 - Digital (4I/4Q (St 7Hex)) |
| DI022_4 | V11.7 | Symbol Input 4:Slave 22 - Digital (4I/4Q (St 7Hex)) |
| DQ022_1 | V27.4 | Symbol Output 1:Slave 22 - Digital (4I/4Q (St 7Hex)) |
| DQ022_2 | V27.5 | Symbol Output 2:Slave 22 - Digital (4I/4Q (St 7Hex)) |
| DQ022_3 | V27.6 | Symbol Output 3:Slave 22 - Digital (4I/4Q (St 7Hex)) |
| DQ022_4 | V27.7 | Symbol Output 4:Slave 22 - Digital (4I/4Q (St 7Hex)) |
| DI021_1 | V10.0 | Symbol Input 1:Slave 21 - Digital (4I/4Q (St 7Hex)) |
| DI021_2 | V10.1 | Symbol Input 2:Slave 21 - Digital (4I/4Q (St 7Hex)) |
| DI021_3 | V10.2 | Symbol Input 3:Slave 21 - Digital (4I/4Q (St 7Hex)) |
| DI021_4 | V10.3 | Symbol Input 4:Slave 21 - Digital (4I/4Q (St 7Hex)) |
| DQ021_1 | V26.0 | Symbol Output 1:Slave 21 - Digital (4I/4Q (St 7Hex)) |
| DQ021_2 | V26.1 | Symbol Output 2:Slave 21 - Digital (4I/4Q (St 7Hex)) |
| DQ021_3 | V26.2 | Symbol Output 3:Slave 21 - Digital (4I/4Q (St 7Hex)) |
| DQ021_4 | V26.3 | Symbol Output 4:Slave 21 - Digital (4I/4Q (St 7Hex)) |
| DI015_1 | V7.0 | Symbol Input 1:Slave 15 - Digital (4I/0Q (St 0Hex)) |
| DI015_2 | V7.1 | Symbol Input 2:Slave 15 - Digital (4I/0Q (St 0Hex)) |
| DI015_3 | V7.2 | Symbol Input 3:Slave 15 - Digital (4I/0Q (St 0Hex)) |
| DI015_4 | V7.3 | Symbol Input 4:Slave 15 - Digital (4I/0Q (St 0Hex)) |
| DI014_3 | V7.6 | Symbol Input 3:Slave 14 - Digital (2I/2Q (St BHex)) |
| DI014_4 | V7.7 | Symbol Input 4:Slave 14 - Digital (2I/2Q (St BHex)) |
| DQ014_1 | V23.4 | Symbol Output 1:Slave 14 - Digital (2I/2Q (St BHex)) |
| DQ014_2 | V23.5 | Symbol Output 2:Slave 14 - Digital (2I/2Q (St BHex)) |
| DI013_3 | V6.2 | Symbol Input 3:Slave 13 - Digital (2I/2Q (St BHex)) |
| DI013_4 | V6.3 | Symbol Input 4:Slave 13 - Digital (2I/2Q (St BHex)) |
| DQ013_1 | V22.0 | Symbol Output 1:Slave 13 - Digital (2I/2Q (St BHex)) |
| DQ013_2 | V22.1 | Symbol Output 2:Slave 13 - Digital (2I/2Q (St BHex)) |
| DI012_3 | V6.6 | Symbol Input 3:Slave 12 - Digital (2I/2Q (St BHex)) |
| DI012_4 | V6.7 | Symbol Input 4:Slave 12 - Digital (2I/2Q (St BHex)) |
| DQ012_1 | V22.4 | Symbol Output 1:Slave 12 - Digital (2I/2Q (St BHex)) |
| DQ012_2 | V22.5 | Symbol Output 2:Slave 12 - Digital (2I/2Q (St BHex)) |
| DI011A_1 | V5.0 | Symbol Input 1:Slave 11A - Digital (4I/3Q (AB 7Hex)) |
| DI011A_2 | V5.1 | Symbol Input 2:Slave 11A - Digital (4I/3Q (AB 7Hex)) |
| DI011A_3 | V5.2 | Symbol Input 3:Slave 11A - Digital (4I/3Q (AB 7Hex)) |
| DI011A_4 | V5.3 | Symbol Input 4:Slave 11A - Digital (4I/3Q (AB 7Hex)) |
| DQ011A_1 | V21.0 | Symbol Output 1:Slave 11A - Digital (4I/3Q (AB 7Hex)) |
| DQ011A_2 | V21.1 | Symbol Output 2:Slave 11A - Digital (4I/3Q (AB 7Hex)) |
| DQ011A_3 | V21.2 | Symbol Output 3:Slave 11A - Digital (4I/3Q (AB 7Hex)) |
| DI04_1 | V2.4 | Symbol Input 1:Slave 4 - Digital (4I/0Q (St 0Hex)) |
| DI04_2 | V2.5 | Symbol Input 2:Slave 4 - Digital (4I/0Q (St 0Hex)) |
| DI04_3 | V2.6 | Symbol Input 3:Slave 4 - Digital (4I/0Q (St 0Hex)) |
| DI04_4 | V2.7 | Symbol Input 4:Slave 4 - Digital (4I/0Q (St 0Hex)) |
| DI03_1 | V1.0 | Symbol Input 1:Slave 3 - Digital (4I/4Q (St 7Hex)) |
| DI03_2 | V1.1 | Symbol Input 2:Slave 3 - Digital (4I/4Q (St 7Hex)) |
| DI03_3 | V1.2 | Symbol Input 3:Slave 3 - Digital (4I/4Q (St 7Hex)) |

| Symbol | Address | Comment |
|---------|---------|--|
| DI03_4 | V1.3 | Symbol Input 4:Slave 3 - Digital (4I/4Q (St 7Hex)) |
| DQ03_1 | V17.0 | Symbol Output 1:Slave 3 - Digital (4I/4Q (St 7Hex)) |
| DQ03_2 | V17.1 | Symbol Output 2:Slave 3 - Digital (4I/4Q (St 7Hex)) |
| DQ03_3 | V17.2 | Symbol Output 3:Slave 3 - Digital (4I/4Q (St 7Hex)) |
| DQ03_4 | V17.3 | Symbol Output 4:Slave 3 - Digital (4I/4Q (St 7Hex)) |
| DI02_1 | V1.4 | Symbol Input 1:Slave 2 - Digital (3I/1Q (St 1Hex)) |
| DI02_2 | V1.5 | Symbol Input 2:Slave 2 - Digital (3I/1Q (St 1Hex)) |
| DI02_3 | V1.6 | Symbol Input 3:Slave 2 - Digital (3I/1Q (St 1Hex)) |
| DQ02_4 | V17.7 | Symbol Output 4:Slave 2 - Digital (3I/1Q (St 1Hex)) |
| DI01A_1 | V0.0 | Symbol Input 1:Slave 1A - Digital (4I/3Q (AB 7Hex)) |
| DI01A_2 | V0.1 | Symbol Input 2:Slave 1A - Digital (4I/3Q (AB 7Hex)) |
| DI01A_3 | V0.2 | Symbol Input 3:Slave 1A - Digital (4I/3Q (AB 7Hex)) |
| DI01A_4 | V0.3 | Symbol Input 4:Slave 1A - Digital (4I/3Q (AB 7Hex)) |
| DQ01A_1 | V16.0 | Symbol Output 1:Slave 1A - Digital (4I/3Q (AB 7Hex)) |
| DQ01A_2 | V16.1 | Symbol Output 2:Slave 1A - Digital (4I/3Q (AB 7Hex)) |
| DQ01A_3 | V16.2 | Symbol Output 3:Slave 1A - Digital (4I/3Q (AB 7Hex)) |