

MODBUS TCP et EM4

Lecture d'un bit

Crouzet-Soft - [SansTitre2 - Edition*]

Fichier Edition Mode Affichage Contrôleur Options Fenêtre ?

PROGRAMME B26 ET 24VDC GLOSSY BLACK COMMUNICATION

Barre de simulation/debugging

11 DI OFF

12

13 DISPLAY DD.MM.YY

14

15

16

17

XB OUT COM 3 50-1

1 ON

Face Avant

07

KScada Modbus Doctor v2.9

CONFIGURATION TCP/IP 192.168.111.12:502

CONNEXION DECONNEXION

N° Esclave 1 Coil 1016 Longueur 8 Type 1 Coil status Adresse : 001017 Mode DECIM

LECTURE

ECRIURE

☒ Reconnexion auto

☐ Cyclique

ARRET CYCLE

☐ Inversion Octets

☐ Inversion Mots

☐ Non signé

Mode d'affichage

CHAMP DE BITS

N° de Bit	Valeur
1016	0
1017	1
1018	0
1019	0
1020	0
1021	0
1022	0
1023	0

MODE ESPION

EFFACER

0	1	2	3	4	5	6	7	8	9
0	0	0	0	0	6	1	1	3	248
0	0	0	0	0	4	1	1	1	2
0	0	0	0	0	6	1	1	3	248
0	0	0	0	0	4	1	1	1	3
0	0	0	0	0	6	1	1	3	248
0	0	0	0	0	4	1	1	1	3
0	0	0	0	0	6	1	1	3	248
0	0	0	0	0	4	1	1	1	2
0	0	0	0	0	6	1	1	3	248
0	0	0	0	0	4	1	1	1	2
0	0	0	0	0	6	1	1	1	245
0	0	0	0	0	3	1	129	2	
0	0	0	0	0	6	1	1	1	245
0	0	0	0	0	3	1	129	2	
0	0	0	0	0	6	1	1	0	50
0	0	0	0	0	3	1	129	2	

Status : Request OK (1/1)

A B - + ↺

Lecture d'un mot

Crouzet-Soft - [SansTitre2 - Edition*]

Fichier Edition Mode Affichage Contrôleur Options Fenêtre ?

PROGRAMME B26 ET 24VDC GLOSSY BLACK COMMUNICATION

Barre de simulation/debugging

KScada Modbus Doctor v2.9

CONFIGURATION TCP/IP 192.168.111.12:502 CONNEXION DECONNEXION

N° Esclave 1 Register 26 Longueur 8 Type 3 Holding registers Adresse : 400027 Mode

LECTURE

ECRIURE

☒ Reconnexion auto

☐ Cyclique

ARRET CYCLE

☐ Inversion Octets

☐ Inversion Mots

☐ Non signé

Mode d'affichage

MOT 16 bits

N° Registre	Valeur
26	328
27	128
28	0
29	0
30	0
31	0
32	0
33	0

MODE ESPION

EFFACER

Status : Request OK (1/1)

A B - + ↺ ✓

Ecriture d'un bit

Crouzet-Soft - [test modbus - Edition*]

Fichier Edition Mode Affichage Contrôleur Options Fenêtre ?

PROGRAMME B26 ET 24VDC GLOSSY BLACK COMMUNICATION

The screenshot shows the KScada Modbus Doctor v2.9 interface. On the left, a ladder logic diagram is visible with rungs 13 through 19. Rung 13 shows a coil labeled '1' with a red 'ON' indicator. Rung 14 shows a coil labeled '03'. Rung 15 shows a coil labeled 'ON' with a red 'ON' indicator. Rung 16 shows a coil labeled 'ON' with a red 'ON' indicator. Rung 17 shows a coil labeled 'OFF' with a red 'OFF' indicator. Rung 18 shows a coil labeled 'OFF' with a red 'OFF' indicator. Rung 19 shows a coil labeled 'OFF' with a red 'OFF' indicator. The diagram also includes various input modules like 'XB IN COM 3 17-24', 'XB IN COM 3 25-1', and 'NUM'.

The KScada Modbus Doctor v2.9 window is open, showing the following configuration:

- CONFIGURATION: TCP/IP, 192.168.111.12:502
- CONNEXION: DECONNEXION
- QUITTER: [X]
- N° Esclave: 1
- Coil: 1000
- Longueur: 16
- Type: 1 Coil status
- Adresse: 001001
- Mode: DECIMAL

The window also displays a table of bit values:

N° de Bit	Valeur
1000	1
1001	0
1002	0
1003	0
1004	0
1005	0
1006	0
1007	0
1008	0
1009	0
1010	0
1011	0
1012	0
1013	0

Additional options in the window include:

- LECTURE
- ECRIURE
- ☒ Reconnexion auto
- ☐ Cyclique
- ARRET CYCLE
- ☐ Inversion Octets
- ☐ Inversion Mots
- ☐ Non signé
- Mode d'affichage: CHAMP DE BITS

The status bar at the bottom indicates: Status : Request OK (1/1)

ECRIRE un mot

Crouzet-Soft - [test modbus - Edition*]

Fichier Edition Mode Affichage Contrôleur Options Fenêtre ?

PROGRAMME B26 ET 24VDC GLOSSY BLACK COMMUNICATION

The screenshot shows the Crouzet-Soft software interface. The main window displays a ladder logic diagram with various components like relays, timers, and displays. The 'COMMUNICATION' tab is active. Overlaid on this is the 'KScada Modbus Doctor v2.9' window, which is configured for a TCP/IP connection to 192.168.111.12:502. The window shows the 'ECRIURE' (Write) mode for register 17, with a value of 123. The status bar indicates 'Request OK (1/1)'.

KScada Modbus Doctor v2.9

CONFIGURATION TCP/IP 192.168.111.12:502

CONNEXION DECONNEXION

QUITTER

N° Esclave 1 Register 17 Longueur 8 Type 3 Holding registers Adresse : 400018 Mode DECIMAL

LECTURE

ECRIURE

☒ Reconnexion auto

☐ Cyclique

ARRET CYCLE

☐ Inversion Octets

☒ Inversion Mots

☐ Non signé

Mode d'affichage

MOT 16 bits

N° Register	Valeur
17	123
18	0
19	0
20	0
21	0
22	0
23	0
24	0

MODE ESPION

EFFACER

0	1	2	3	4	5	6	7	8	9	10	11	12	13
0	0	0	0	0	23	1	16	0	17	0	8	16	0
0	0	0	0	0	6	1	16	0	17	0	8		
0	0	0	0	0	23	1	16	0	17	0	8	16	0
0	0	0	0	0	6	1	16	0	17	0	8		
0	0	0	0	0	23	1	16	0	17	0	8	16	0
0	0	0	0	0	6	1	16	0	17	0	8		
0	0	0	0	0	23	1	16	0	17	0	8	16	0
0	0	0	0	0	6	1	16	0	17	0	8		
0	0	0	0	0	23	1	16	0	17	0	8	16	0
0	0	0	0	0	6	1	16	0	17	0	8		
0	0	0	0	0	23	1	16	0	17	0	8	16	0
0	0	0	0	0	6	1	16	0	17	0	8		

Status : Request OK (1/1)