

# Badanie 4.1.1

Typ	Czas wystąpienia	Różnice
Hint	21:18:46,280	00:00:03,184
Warning	21:18:43,096	
Hint	21:18:33,860	00:00:02,764
Warning	21:18:31,096	
Hint	21:18:27,310	00:00:02,934
Warning	21:18:24,376	
Hint	21:18:11,200	00:00:02,654
Warning	21:18:08,546	
Hint	13:21:39,228	00:00:02,664
Warning	13:21:36,564	
Hint	13:21:33,048	00:00:02,664
Warning	13:21:30,384	
Hint	13:21:19,788	00:00:02,644
Warning	13:21:17,144	
Hint	13:21:08,468	00:00:02,654
Warning	13:21:05,814	
Hint	02:02:49,110	00:00:02,664
Warning	02:02:46,446	
Hint	02:02:32,420	00:00:02,654
Warning	02:02:29,766	
Hint	02:02:25,470	00:00:02,664
Warning	02:02:22,806	
Hint	02:01:40,090	00:00:02,654
Warning	02:01:37,436	
Hint	02:01:31,830	00:00:02,664
Warning	02:01:29,166	
Hint	02:01:24,540	00:00:02,764
Warning	02:01:21,776	
Hint	02:01:16,070	00:00:02,774
Warning	02:01:13,296	
Hint	02:00:52,560	00:00:02,654
Warning	02:00:49,906	
Hint	02:00:44,350	00:00:02,664
Warning	02:00:41,686	
Hint	02:00:32,010	00:00:02,654
Warning	02:00:29,356	
Hint	02:00:22,880	00:00:02,664
Warning	02:00:20,216	
Hint	02:00:16,680	00:00:02,664
Warning	02:00:14,016	

### Badanie 4.1.1

## Treść

[illegible]

Minimum	00:00:02,644
Maksimum	00:00:03,184
Wartość średnia	00:00:02,715
Odchylenie standardowe	00:00:00,131
Ilość próbek	20

## Badanie 4.1.2

Typ	Czas wystąpienia	Różnice
Hint	20:34:50,536	00:00:02,706
Hint	20:34:50,532	00:00:02,702
Hint	20:34:50,528	00:00:02,698
Hint	20:34:50,524	00:00:02,694
Hint	20:34:50,520	00:00:02,690
Hint	20:34:50,516	00:00:02,686
Warning	20:34:47,830	
Hint	20:32:45,996	00:00:02,654
Hint	20:32:45,992	00:00:02,650
Hint	20:32:45,988	00:00:02,646
Hint	20:32:45,984	00:00:02,642
Hint	20:32:45,980	00:00:02,638
Hint	20:32:45,976	00:00:02,634
Warning	20:32:43,342	
Hint	20:32:31,526	00:00:02,654
Hint	20:32:31,522	00:00:02,650
Hint	20:32:31,518	00:00:02,646
Hint	20:32:31,514	00:00:02,642
Hint	20:32:31,510	00:00:02,638
Hint	20:32:31,506	00:00:02,634
Warning	20:32:28,872	
Hint	12:23:36,073	00:00:02,782
Hint	12:23:36,069	00:00:02,778
Hint	12:23:36,065	00:00:02,774
Hint	12:23:36,063	00:00:02,772
Hint	12:23:36,059	00:00:02,768
Hint	12:23:36,055	00:00:02,764
Warning	12:23:33,291	
Hint	12:23:32,133	00:00:02,688
Hint	12:23:32,129	00:00:02,684
Hint	12:23:32,125	00:00:02,680
Hint	12:23:32,123	00:00:02,678
Hint	12:23:32,119	00:00:02,674
Hint	12:23:32,115	00:00:02,670
Warning	12:23:29,445	
Hint	12:23:28,373	00:00:02,662
Hint	12:23:28,369	00:00:02,658
Hint	12:23:28,365	00:00:02,654
Hint	12:23:28,363	00:00:02,652
Hint	12:23:28,359	00:00:02,648
Hint	12:23:28,355	00:00:02,644
Warning	12:23:25,711	
Hint	12:23:16,343	00:00:02,812
Hint	12:23:16,339	00:00:02,808
Hint	12:23:16,335	00:00:02,804
Hint	12:23:16,333	00:00:02,802
Hint	12:23:16,329	00:00:02,798
Hint	12:23:16,325	00:00:02,794
Warning	12:23:13,531	



## Treść

[illegible]



## Badanie 4.1.2

Minimum	00:00:02,634
Maksimum	00:00:02,812
Wartość średnia	00:00:02,699
Odchylenie standardowe	00:00:00,061
Ilość próbek	42





# Badanie 4.1.3

Typ	Czas wystąpienia	Czas MSMSMS	Czas wystąpienia	Różnice
Hint	01:13:46	678	01:13:46,678	00:00:04,863
Hint	01:13:46	673	01:13:46,673	
Hint TCIO	01:13:46	662	01:13:46,662	
Warning TCIO	01:13:42	680	01:13:42,680	
Warning	01:13:41	815	01:13:41,815	
Hint	01:13:30	728	01:13:30,728	00:00:04,149
Hint	01:13:30	723	01:13:30,723	
Hint TCIO	01:13:30	711	01:13:30,711	
Warning TCIO	01:13:26	630	01:13:26,630	
Warning	01:13:26	579	01:13:26,579	
Hint	01:13:12	640	01:13:12,640	00:00:05,313
Hint	01:13:12	635	01:13:12,635	
Hint TCIO	01:13:12	629	01:13:12,629	
Warning TCIO	01:13:08	659	01:13:08,659	
Warning	01:13:07	327	01:13:07,327	
Hint	01:12:26	718	01:12:26,718	00:00:05,455
Hint	01:12:26	713	01:12:26,713	
Hint TCIO	01:12:26	701	01:12:26,701	
Warning TCIO	01:12:22	632	01:12:22,632	
Warning	01:12:21	263	01:12:21,263	
Hint	01:11:52	708	01:11:52,708	00:00:04,339
Hint	01:11:52	703	01:11:52,703	
Hint TCIO	01:11:52	690	01:11:52,690	
Warning TCIO	01:11:48	719	01:11:48,719	
Warning	01:11:48	369	01:11:48,369	
Hint	14:51:37	477	14:51:37,477	00:00:04,911
Hint	14:51:37	472	14:51:37,472	
Hint TCIO	14:51:37	466	14:51:37,466	
Warning TCIO	14:51:33	429	14:51:33,429	
Warning	14:51:32	566	14:51:32,566	
Hint	14:51:23	477	14:51:23,477	00:00:05,099
Hint	14:51:23	472	14:51:23,472	
Hint TCIO	14:51:23	466	14:51:23,466	
Warning TCIO	14:51:19	493	14:51:19,493	
Warning	14:51:18	378	14:51:18,378	
Hint	14:51:07	497	14:51:07,497	00:00:04,339
Hint	14:51:07	492	14:51:07,492	
Hint TCIO	14:51:07	482	14:51:07,482	
Warning TCIO	14:51:03	514	14:51:03,514	
Warning	14:51:03	158	14:51:03,158	
Hint	01:27:56	788	01:27:56,788	00:00:04,967
Hint	01:27:56	783	01:27:56,783	
Hint TCIO	01:27:56	771	01:27:56,771	
Warning TCIO	01:27:52	651	01:27:52,651	
Warning	01:27:51	821	01:27:51,821	
Hint	01:27:36	738	01:27:36,738	00:00:04,463
Hint	01:27:36	733	01:27:36,733	
Hint TCIO	01:27:36	721	01:27:36,721	
Warning TCIO	01:27:32	641	01:27:32,641	

Warning

01:27:32

275 01:27:32,275

Treść

'Drive 1 (AX5203-0000-0010) (1001) - Term 8 (EL3102) (1007)' Communication re-established  
Device 2 (EtherCAT (v2.10 only): Frame returned -> force reinitialization!  
Device 2 (EtherCAT (v2.10 only): Link detected (100 MBaud)  
Device 2 (EtherCAT (v2.10 only): Link lost  
Device 2 (EtherCAT (v2.10 only): Frame missed 10 times (frame no. 0)  
Drive 1 (AX5203-0000-0010) (1001) - Term 8 (EL3102) (1007)' Communication re-established  
Device 2 (EtherCAT (v2.10 only): Frame returned -> force reinitialization!  
Device 2 (EtherCAT (v2.10 only): Link detected (100 MBaud)  
Device 2 (EtherCAT (v2.10 only): Link lost  
Device 2 (EtherCAT (v2.10 only): Frame missed 10 times (frame no. 0)  
Drive 1 (AX5203-0000-0010) (1001) - Term 8 (EL3102) (1007)' Communication re-established  
Device 2 (EtherCAT (v2.10 only): Frame returned -> force reinitialization!  
Device 2 (EtherCAT (v2.10 only): Link detected (100 MBaud)  
Device 2 (EtherCAT (v2.10 only): Link lost  
Device 2 (EtherCAT (v2.10 only): Frame missed 10 times (frame no. 0)  
Drive 1 (AX5203-0000-0010) (1001) - Term 8 (EL3102) (1007)' Communication re-established  
Device 2 (EtherCAT (v2.10 only): Frame returned -> force reinitialization!  
Device 2 (EtherCAT (v2.10 only): Link detected (100 MBaud)  
Device 2 (EtherCAT (v2.10 only): Link lost  
Device 2 (EtherCAT (v2.10 only): Frame missed 10 times (frame no. 0)  
Drive 1 (AX5203-0000-0010) (1001) - Term 8 (EL3102) (1007)' Communication re-established  
Device 2 (EtherCAT (v2.10 only): Frame returned -> force reinitialization!  
Device 2 (EtherCAT (v2.10 only): Link detected (100 MBaud)  
Device 2 (EtherCAT (v2.10 only): Link lost  
Device 2 (EtherCAT (v2.10 only): Frame missed 10 times (frame no. 0)  
Drive 1 (AX5203-0000-0010) (1001) - Term 8 (EL3102) (1007)' Communication re-established  
Device 2 (EtherCAT (v2.10 only): Frame returned -> force reinitialization!  
Device 2 (EtherCAT (v2.10 only): Link detected (100 MBaud)  
Device 2 (EtherCAT (v2.10 only): Link lost  
Device 2 (EtherCAT (v2.10 only): Frame missed 10 times (frame no. 0)  
Drive 1 (AX5203-0000-0010) (1001) - Term 8 (EL3102) (1007)' Communication re-established  
Device 2 (EtherCAT (v2.10 only): Frame returned -> force reinitialization!  
Device 2 (EtherCAT (v2.10 only): Link detected (100 MBaud)  
Device 2 (EtherCAT (v2.10 only): Link lost  
Device 2 (EtherCAT (v2.10 only): Frame missed 10 times (frame no. 0)  
Drive 1 (AX5203-0000-0010) (1001) - Term 8 (EL3102) (1007)' Communication re-established  
Device 2 (EtherCAT (v2.10 only): Frame returned -> force reinitialization!  
Device 2 (EtherCAT (v2.10 only): Link detected (100 MBaud)  
Device 2 (EtherCAT (v2.10 only): Link lost

#### Badanie 4.1.3

Device 2 (EtherCAT (v2.10 only): Frame missed 10 times (frame no. 0)

### Badanie 4.1.3

Minimum	00:00:04,149
Maksimum	00:00:05,455
Wartość średnia	00:00:04,790
Odchylenie standardowe	00:00:00,446
Ilość próbek	10

### Badanie 4.1.3

#### Badanie 4.1.4

AX5203

00:00:05,480

00:00:05,770

00:00:05,660

00:00:05,630	Minimum	00:00:05,440
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00:00:05,630	Maksimum	00:00:06,080
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00:00:05,530	Wartość średnia	00:00:05,646
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00:00:05,440	Odchylenie standardowe	00:00:00,165
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00:00:06,080	Ilość próbek	20
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00:00:05,550

00:00:05,560

00:00:05,760

00:00:05,730

00:00:05,460

00:00:05,720

00:00:05,530

00:00:05,870

00:00:05,790

00:00:05,510

00:00:05,760

00:00:05,450

#### Badanie 4.1.4

EK1100

00:00:01,590		
00:00:01,870		
00:00:01,610		
00:00:01,650	Minimum	00:00:01,570
00:00:01,750	Maksimum	00:00:01,870
00:00:01,600	Wartość średnia	00:00:01,653
00:00:01,610	Odchylenie standardowe	00:00:00,091
00:00:01,640	Ilość próbek	10
00:00:01,570		
00:00:01,640		



## Problemy

Type	Server (Port)	Timestamp	Message
Hint	(65535)	2013-09-10 01	Device 2 (EtherCAT (v2.10 only): Frame returned -> force
Hint	TCIO (300)	2013-09-10 01	Device 2 (EtherCAT (v2.10 only): Link detected (100 MBa
Warning	TCIO (300)	2013-09-10 01	Device 2 (EtherCAT (v2.10 only): Link lost
Error	(65535)	2013-09-10 01	Device 2 (EtherCAT (v2.10 only): 'INIT to PREOP' failed!
Hint	(65535)	2013-09-10 01	Drive 1 (AX5203-0000-0010) (1001) - Term 8 (EL3102) (1
Hint	(65535)	2013-09-10 01	Device 2 (EtherCAT (v2.10 only): Frame returned -> force
Warning	(65535)	2013-09-10 01	Device 2 (EtherCAT (v2.10 only): Frame missed 10 times

## Problemy

: reinitialization!  
ud)

Error: 'read slave count'. Communication Error '0x707 (1799)'.  
007)' Communication re-established  
: reinitialization!  
(frame no. 0)

# Arkusz4

Hint	(65535)	2013-09-13 01:27:56 788 ms
Hint	(65535)	2013-09-13 01:27:56 783 ms
Hint	TCIO (300)	2013-09-13 01:27:56 771 ms
Warning	TCIO (300)	2013-09-13 01:27:52 651 ms
Warning	(65535)	2013-09-13 01:27:51 821 ms
Hint	(65535)	2013-09-13 01:27:36 738 ms
Hint	(65535)	2013-09-13 01:27:36 733 ms
Hint	TCIO (300)	2013-09-13 01:27:36 721 ms
Warning	TCIO (300)	2013-09-13 01:27:32 641 ms
Warning	(65535)	2013-09-13 01:27:32 275 ms