

SIEMENS

Parameter documentation

for:

Customer:

VSZ

Name of project:

KOSICE

Operator:

LANG

Documentation structure: IEC LDM

Source file:

KO050722.ODA

Output date:

22.07.2005

SIEMENS AG

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Documentation designation:

A/ = /EBA1

Code number of compiler:

-S305

Central parameter for master station

IEC 870-5-101

Assignment log. area: LGZ
 Assignment log. area - station: NLS
 Module: FP
 Communication processor: MC1
 Channel: K1
 Channel number: 1

Display attribute presetting values:

Single indication: 0 Sequence number for metered v 0
 Double indication: 0 Bit pattern: 0
 Normalized analog: 0 Normalized threshold value: 0
 IEEE floating-point analog v 0 IEEE floating-point threshold value: 0
 Transformer tap p 0 Normalized filtering factor: 0
 Metered value: 0 IEEE floating-point filtering factor: 0
 Protection data: 0

Threshold reference only spontaneous: No
 Maximum telegram length for blocking: 200
 Maximum number of simultaneous comma 1
 Maximum number of monitored short time indicatio 10
 Maximum number of monitored fault indications: 10
 Maximum number of fault locations: 0
 Maximum number of faults: 20
 Transmission mode for protection data: Individually
 Background timer for protection data processing:

Cycle time for background timer in s: No
 Maximum start timeout: 600
 Additional analog value settling:

Procedure:

Type of integration:

Cycle time for value processing in s:

Hold buffer processing by:

Type of time-of-day synchronization per master station synchronization authorization

Correction offset for time synchronization in ms:

Telegram with originator: No
 Originator:
 Check command cycle: 0
 Check command cycle time in s:
 Send command end telegram (termination): Yes
 Use private area for command output times: No
 Private ID 16 in s Private ID 24 in s
 Private ID 17 in s Private ID 25 in s
 Private ID 18 in s Private ID 26 in s
 Private ID 19 in s Private ID 27 in s
 Private ID 20 in s Private ID 28 in s
 Private ID 21 in s Private ID 29 in s
 Private ID 22 in s Private ID 30 in s
 Private ID 23 in s Private ID 31 in s
 Always transfer raising single indications: No
 Always transfer raising transients: No
 Information value transferred on 'blocked': No
 Information value transferred on 'not topical': No
 Procedure on organizational block overflow: Reject new telegram
 Length of station address (ASDU) in byte: 1
 Structured entry of the station address (ASDU): No
 Station address (ASDU) byte 0: 1
 Station address (ASDU) byte 1:
 Length of information address field in byte: 2
 Structured entry of information address: No
 Global command monitoring time in ms: 16

Substation control system 6MB

IEC 870 (FP) to LDM

Central parameter

Table

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VSZ

KOSICE

Date 22.07.2005

Drawn LANG

Appr.

Date

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Orig./Repl. 1/Repl. by

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Source file: IEC KO050722.ODA
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Allocated telecontr. structure:
Module: IEC 870-5-101
Communication processor: FP
Channel: MC1
Channel number: K1
1

Baudrate: 1200

RTS continuously on: No

Usage of CTS input: Not used

Transmission delay: No
Transmission delay time (RTS --> trans.):

Number of receive buffers: 5

Length of a receive buffer in byte: 25

Transmission pause: 3
Receive pause: 3
Additional receiver pause:
No-pulse period in s: 0.000

Modem connection: No
Dialing method:

Use further channels for IAWD:

Rev. 1
Remarks

Date 22.07.2005
Drawn LANG
Appr.
Name Norm
Orig./Repl. 1/Repl. by

VSZ
KOSICE

SIEMENS AG
ISAI00LS

Substation control system 6MB
IEC 870 (FP) to LDM
Channel
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Allocated telecontr. structure: IEC 870-5-101

Module: FP

Communication processor: MC1

Channel: K1

Channel number: 1

Length of the address field (link add.) in byte: 1
Address field (link address): 1

Distinction between class 1 / class 2: Yes

Cycle monitoring time in s: 0

Usage of single character 1 (0xE5): Not

Substation control system 6MB
IEC 870 (FP) to LDM
Transmission protocol unbalanced
Table

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Remarks 1

Telectrl. station IEC 870-5-101									
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<p>Remarks</p> <p>Date</p> <p>Nump</p> <p>Norm</p> <p>Appr.</p> <p>Drawn</p> <p>LANG</p> <p>Date</p> <p>22.07.2005</p> <p>VSZ</p> <p>KOSICE</p> <p>SIEMENS AG</p> <p>ISALOOOLS</p> <p>Substation control system 6MIB</p> <p>IEC 870 (FP) to LDM</p> <p>Operational events from the local logical device</p> <p>Table</p>									
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<p>Name</p> <p>Type of operational indication</p> <p>Execute function</p> <p>Function profile specific</p> <p>Station</p> <p>Name of telegram</p> <p>Name of info element</p> <p>Forwarding the operational event</p>									
<p>Betriebsmeldung 01 Telegram memory warning limit</p> <p>Betriebsmeldung 02 Telegram memory overflow</p> <p>Betriebsmeldung 03 Command not parameterized</p> <p>Betriebsmeldung 04 Command not executed</p> <p>Betriebsmeldung 05 Function not available</p> <p>Betriebsmeldung 06 Command process buffer overflow</p> <p>Betriebsmeldung 07 Channel error (receive direction faulty)</p> <p>Betriebsmeldung 08 Pulse error</p> <p>Betriebsmeldung 09 Telegram error</p> <p>Betriebsmeldung 10 Check block/cycle error</p>									
<p>Not used</p> <p>Not used</p> <p>Not used</p> <p>Not used</p> <p>Not used</p> <p>Not used</p> <p>Not used</p> <p>Not used</p> <p>Not used</p>									
<p>IEC 870-5-101 Meldungstelegramm Eigener LGZ 1000</p> <p>IEC 870-5-101 Meldungstelegramm Eigener LGZ 1001</p> <p>IEC 870-5-101 Meldungstelegramm Eigener LGZ 1002</p> <p>IEC 870-5-101 Meldungstelegramm Eigener LGZ 1003</p> <p>IEC 870-5-101 Meldungstelegramm Eigener LGZ 1004</p> <p>IEC 870-5-101 Meldungstelegramm Eigener LGZ 1005</p> <p>IEC 870-5-101 Meldungstelegramm Eigener LGZ 1006</p> <p>IEC 870-5-101 Meldungstelegramm Eigener LGZ 1007</p> <p>IEC 870-5-101 Meldungstelegramm Eigener LGZ 1008</p> <p>IEC 870-5-101 Meldungstelegramm Eigener LGZ 1009</p>									
<p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p>									

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Telectrl. station: IEC 870-5-101															
Name: Abfrageliste															
Transmission service: Send / Confirm															
Transmission priority: 10															
Scan group type: Normal															
Scan group number: 0															
Transmission with initiation: Complete list															
Number of telegrams:															
Activation by GA for LDM: No															
Information address															
Name of telegram															
Name of info element															
Information type															
Section															
Bay															
Logical device															
Lower limit															
301 Meldungstelegramm DM															
302 Meldungstelegramm DM															
310 Meldungstelegramm DM															
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KOSICE															
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SIEMENS AG															
Substation control system 6MB															
IEC 870 (FP) to LDM															
Scan list															
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<p>Telectrl. station: IEC 870-5-101</p> <p>Name: Abfrageliste</p> <p>Transmission service: Send / Confirm</p> <p>Transmission priority: 10</p> <p>Scan group type: Normal</p> <p>Scan group number: 0</p> <p>Transmission with initiation: Complete list</p> <p>Number of telegrams:</p> <p>Activation by GA for LDM: No</p>							
<p>Information address</p> <p>Name of telegram</p> <p>Name of info element</p> <p>Information type</p> <p>Section</p> <p>Bay</p> <p>Logical device</p> <p>Lower limit</p>							
393	Meidungstelegramm DM	393	Double indication	R110	EA10	ODPOJOVAC Q7	SCHALTZUSTAND
395	Meidungstelegramm DM	395	Double indication	R110	EA10	ODPOJOVAC Q9	SCHALTZUSTAND
400	Meidungstelegramm DM	400	Double indication	R110	EA11	VYPINAC Q0	SCHALTZUSTAND
401	Meidungstelegramm DM	401	Double indication	R110	EA11	ODPOJOVAC Q1	SCHALTZUSTAND
402	Meidungstelegramm DM	402	Double indication	R110	EA11	ODPOJOVAC Q2	SCHALTZUSTAND
403	Meidungstelegramm DM	403	Double indication	R110	EA11	ODPOJOVAC Q7	SCHALTZUSTAND
404	Meidungstelegramm DM	404	Double indication	R110	EA11	ODPOJOVAC ZEMNIACI Q8	SCHALTZUSTAND
405	Meidungstelegramm DM	405	Double indication	R110	EA11	ODPOJOVAC Q9	SCHALTZUSTAND
410	Meidungstelegramm DM	410	Double indication	R110	EA12	VYPINAC Q0	SCHALTZUSTAND
411	Meidungstelegramm DM	411	Double indication	R110	EA12	ODPOJOVAC Q1	SCHALTZUSTAND
412	Meidungstelegramm DM	412	Double indication	R110	EA12	ODPOJOVAC Q2	SCHALTZUSTAND
413	Meidungstelegramm DM	413	Double indication	R110	EA12	ODPOJOVAC Q7	SCHALTZUSTAND
415	Meidungstelegramm DM	415	Double indication	R110	EA12	ODPOJOVAC Q9	SCHALTZUSTAND
420	Meidungstelegramm DM	420	Double indication	R110	EA13	VYPINAC Q0	SCHALTZUSTAND
421	Meidungstelegramm DM	421	Double indication	R110	EA13	ODPOJOVAC Q1	SCHALTZUSTAND
422	Meidungstelegramm DM	422	Double indication	R110	EA13	ODPOJOVAC Q2	SCHALTZUSTAND
423	Meidungstelegramm DM	423	Double indication	R110	EA13	ODPOJOVAC Q7	SCHALTZUSTAND
424	Meidungstelegramm DM	424	Double indication	R110	EA13	ODPOJOVAC ZEMNIACI Q8	SCHALTZUSTAND
425	Meidungstelegramm DM	425	Double indication	R110	EA13	ODPOJOVAC Q9	SCHALTZUSTAND
430	Meidungstelegramm DM	430	Double indication	R110	EA15	VYPINAC Q0	SCHALTZUSTAND
431	Meidungstelegramm DM	431	Double indication	R110	EA15	ODPOJOVAC Q1	SCHALTZUSTAND
432	Meidungstelegramm DM	432	Double indication	R110	EA15	ODPOJOVAC Q2	SCHALTZUSTAND
433	Meidungstelegramm DM	433	Double indication	R110	EA15	ODPOJOVAC Q7	SCHALTZUSTAND
434	Meidungstelegramm DM	434	Double indication	R110	EA15	ODPOJOVAC ZEMNIACI Q8	SCHALTZUSTAND
<p>Source file: IEC</p> <p>Documentation structr: K0050722.0DA</p>				<p>Substation control system 6MB</p> <p>IEC 870 (FP) to LDM</p> <p>Scan list</p> <p>Table</p>			
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Telectrl. station: IEC 870-5-101 Name: Abfrageliste Transmission service: Send / Confirm Transmission priority: 10 Scan group type: Normal Scan group number: 0 Transmission with initiation: Complete list Number of telegrams: Activation by GA for LDM: No							
Information address	Name of telegram	Name of info element	Information type	Section	Bay	Logical device	Lower limit
435	Meldungstelegramm DM	435	Double indication	R110	EA15	ODPOJOVAC Q9	SCHALTZUSTAND
437	Meldungstelegramm DM	437	Double indication	R110	EA15	ODPOJOVAC POM. PRIP. Q71	SCHALTZUSTAND
441	Meldungstelegramm DM	441	Double indication	R110	EA16	ODPOJOVAC Q1	SCHALTZUSTAND
442	Meldungstelegramm DM	442	Double indication	R110	EA16	ODPOJOVAC Q2	SCHALTZUSTAND
450	Meldungstelegramm DM	450	Double indication	R110	EA17	VYPINAC Q0	SCHALTZUSTAND
451	Meldungstelegramm DM	451	Double indication	R110	EA17	ODPOJOVAC Q1	SCHALTZUSTAND
452	Meldungstelegramm DM	452	Double indication	R110	EA17	ODPOJOVAC Q2	SCHALTZUSTAND
453	Meldungstelegramm DM	453	Double indication	R110	EA17	ODPOJOVAC Q7	SCHALTZUSTAND
454	Meldungstelegramm DM	454	Double indication	R110	EA17	ODPOJOVAC ZEMNIACI Q8	SCHALTZUSTAND
455	Meldungstelegramm DM	455	Double indication	R110	EA17	ODPOJOVAC Q9	SCHALTZUSTAND
460	Meldungstelegramm DM	460	Double indication	R110	EA18	VYPINAC Q0	SCHALTZUSTAND
461	Meldungstelegramm DM	461	Double indication	R110	EA18	ODPOJOVAC Q1	SCHALTZUSTAND
462	Meldungstelegramm DM	462	Double indication	R110	EA18	ODPOJOVAC Q2	SCHALTZUSTAND
463	Meldungstelegramm DM	463	Double indication	R110	EA18	ODPOJOVAC Q7	SCHALTZUSTAND
464	Meldungstelegramm DM	464	Double indication	R110	EA18	ODPOJOVAC ZEMNIACI Q8	SCHALTZUSTAND
465	Meldungstelegramm DM	465	Double indication	R110	EA18	ODPOJOVAC Q9	SCHALTZUSTAND
470	Meldungstelegramm DM	470	Double indication	R110	EA19	VYPINAC Q0	SCHALTZUSTAND
471	Meldungstelegramm DM	471	Double indication	R110	EA19	ODPOJOVAC Q1	SCHALTZUSTAND
472	Meldungstelegramm DM	472	Double indication	R110	EA19	ODPOJOVAC Q2	SCHALTZUSTAND
473	Meldungstelegramm DM	473	Double indication	R110	EA19	ODPOJOVAC Q7	SCHALTZUSTAND
474	Meldungstelegramm DM	474	Double indication	R110	EA19	ODPOJOVAC ZEMNIACI Q8	SCHALTZUSTAND
475	Meldungstelegramm DM	475	Double indication	R110	EA19	ODPOJOVAC Q9	SCHALTZUSTAND
476	Meldungstelegramm DM	476	Double indication	R110	EA19	VYPINAC Q01	SCHALTZUSTAND
480	Meldungstelegramm DM	480	Double indication	R110	EA20	VYPINAC Q0	SCHALTZUSTAND
Source file: IEC K0050722.0DA				SIEMENS AG ISA00LS		Substation control system 6MB IEC 870 (FP) to LDM	
Documentation structure: IEC				Date: 22.07.2005 Drawn: LANG Appr.: Name: Norm		T = + =	
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Telectrl. station: IEC 870-5-101		Name: Abfrageliste		Transmission service: Send / Confirm		Transmission priority: 10		Scan group type: Normal		Scan group number: 0		Transmission with initiation: Complete list		Number of telegrams: No	
Activation by GA for LDM:															
Information address		Name of telegram		Name of info element		Information type		Section		Bay		Logical device		Lower limit	
744	Meßwerttelegramm	744	744			R110	EA05					SYCHR. FREKV. 1			
745	Meßwerttelegramm	745	745			R110	EA05					SYCHR. FREKV. 2			
746	Meßwerttelegramm	746	746			R110	EA05					SYCHR. ROZDIEL NAPAT			
747	Meßwerttelegramm	747	747			R110	EA05					SYCHR. ROZDIEL UHOL			
750	Meßwerttelegramm	750	750			R110	EA06	MESSWERTE STROM		PRUD L2					
751	Meßwerttelegramm	751	751			R110	EA06	MESSWERTE STROM		PRUD L1					
752	Meßwerttelegramm	752	752			R110	EA06	MESSWERTE STROM		PRUD L3					
760	Meßwerttelegramm	760	760			R110	EA07	MESSWERTE STROM		PRUD L2					
761	Meßwerttelegramm	761	761			R110	EA07	MESSWERTE STROM		PRUD L1					
762	Meßwerttelegramm	762	762			R110	EA07	MESSWERTE STROM		PRUD L3					
763	Meßwerttelegramm	763	763			R110	EA07	MESSWERTE STROM		PRUD L1					
764	Meßwerttelegramm	764	764			R110	EA07	MESSWERTE SPANNUNG		NAPATIE L1					
765	Meßwerttelegramm	765	765			R110	EA07	VYKON CINNY							
770	Meßwerttelegramm	770	770			R110	EA08	MESSWERTE STROM		PRUD L2					
771	Meßwerttelegramm	771	771			R110	EA08	MESSWERTE STROM		PRUD L1					
772	Meßwerttelegramm	772	772			R110	EA08	MESSWERTE STROM		PRUD L3					
780	Meßwerttelegramm	780	780			R110	EA09	MESSWERTE STROM		PRUD L2					
781	Meßwerttelegramm	781	781			R110	EA09	MESSWERTE STROM		PRUD L1					
782	Meßwerttelegramm	782	782			R110	EA09	MESSWERTE STROM		PRUD L3					
783	Meßwerttelegramm	783	783			R110	EA09	MESSWERTE SPANNUNG		NAPATIE L1					
784	Meßwerttelegramm	784	784			R110	EA09	VYKON CINNY							
790	Meßwerttelegramm	790	790			R110	EA10	MESSWERTE STROM		PRUD L2					
791	Meßwerttelegramm	791	791			R110	EA10	MESSWERTE STROM		PRUD L1					
792	Meßwerttelegramm	792	792			R110	EA10	MESSWERTE STROM		PRUD L3					
Source file: IEC		KO050722.ODA													
Documentation structure:															
Remarks		Date		22.07.2005		VSZ		KOSICE		SIEMENS AG		Substation control system 6MB		T =	
Rev.		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Name		Norm		Appr.		Appr.		Appr.		Appr.		Appr.	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
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		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
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		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date		22.07.2005		VSZ		KOSICE		ISAOOLS		IEC 870 (FP) to LDM		+ /EBD 12	
		Date													

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A		Telectrl. station: IEC 870-5-101													
B		Name: Abfrageliste													
		Transmission service: Send / Confirm													
		Transmission priority: 10													
		Scan group type: Normal													
		Scan group number: 0													
		Transmission with initiation: Complete list													
		Number of telegrams: No													
		Activation by GA for LDM: No													
C		Lower limit													
D		Logical device													
E		Bay													
F		Section													
		Information type													
		Name of info element													
		Information address													
		800 Meswerttelegramm 800 PRUD L2													
		801 Meswerttelegramm 801 PRUD L1													
		802 Meswerttelegramm 802 PRUD L3													
		803 Meswerttelegramm 803 NAPATIE L1													
		804 Meswerttelegramm 804 VYKON CINNY													
		810 Meswerttelegramm 810 PRUD L2													
		811 Meswerttelegramm 811 PRUD L1													
		812 Meswerttelegramm 812 PRUD L3													
		820 Meswerttelegramm 820 PRUD L2													
		821 Meswerttelegramm 821 PRUD L1													
		822 Meswerttelegramm 822 PRUD L3													
		823 Meswerttelegramm 823 NAPATIE L1-L2													
		824 Meswerttelegramm 824 NAPATIE L1-L3													
		825 Meswerttelegramm 825 NAPATIE L2-L3													
		826 Meswerttelegramm 826 VYKON CINNY													
		827 Meswerttelegramm 827 VYKON JALOVY													
		830 Meswerttelegramm 830 PRUD L2													
		831 Meswerttelegramm 831 PRUD L1													
		832 Meswerttelegramm 832 PRUD L3													
		833 Meswerttelegramm 833 NAPATIE L1-L2													
		834 Meswerttelegramm 834 NAPATIE L1-L3													
		835 Meswerttelegramm 835 NAPATIE L2-L3													
		836 Meswerttelegramm 836 VYKON CINNY													
		837 Meswerttelegramm 837 VYKON JALOVY													
		Substation control system 6MB													
		IEC 870 (FP) to LDM													
		Scan list													
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		ISAOOLS													
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		KOSICE													
		Date 22.07.2005													
		Drawn LANG													
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Telectrl. station: IEC 870-5-101															
Name: Abfrageliste															
Transmission service: Send / Confirm															
Transmission priority: 10															
Scan group type: Normal															
Scan group number: 0															
Transmission with initiation: Complete list															
Number of telegrams:															
Activation by GA for LDM: No															
Information address															
Name of telegram															
Name of info element															
Information type															
Section															
Bay															
Logical device															
Lower limit															
890 MeSwertttelegramm															
891 MeSwertttelegramm															
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920 MeSwertttelegramm															
921 MeSwertttelegramm															
922 MeSwertttelegramm															
Source file: VSZ															
KOSICE															
Date 22.07.2005															
Drawn LANG															
Appr.															
Name Norm															
Date															
Remarks															
Orig./Repl. 1/Repl. by															
Scan list															
Table															
Substation control system 6MB															
IEC 870 (FP) to LDM															
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Telectrl. station: Name: Transmission service: Transmission priority: Scan group type: Scan group number: Transmission with initiation: Number of telegrams: Activation by GA for LDM:		IEC 870-5-101 Abfrageliste Send / Confirm 10 Normal 0 Complete list No													
Information address		Name of telegram		Name of info element		Information type		Section		Bay		Logical device		Lower limit	
923		Meßwerttelegramm		923				R220		T201		COS FI			
924		Meßwerttelegramm		924				R220		T201		CINNY VYKON			
925		Meßwerttelegramm		925				R220		T201		JALOVY VYKON			
926		Meßwerttelegramm		926				R220		T201		MESSWERTE STROM		PRUD L1	
927		Meßwerttelegramm		927				R220		T201		MESSWERTE STROM		PRUD L2	
928		Meßwerttelegramm		928				R220		T201		MESSWERTE STROM		PRUD L3	
930		Meßwerttelegramm		930				R220		T201		MESSW. SPANNUNG DA01		NAPATTIE L1-L2	
931		Meßwerttelegramm		931				R220		T201		MESSW. SPANNUNG DA01		NAPATTIE L1-L3	
932		Meßwerttelegramm		932				R220		T201		MESSW. SPANNUNG DA01		NAPATTIE L2-L3	
933		Meßwerttelegramm		933				R220		T201		FREKVENCIA			
934		Meßwerttelegramm		934				R220		T201		TEPLOTA TRANSF. JEDN. L1			
935		Meßwerttelegramm		935				R220		T201		TEPLOTA TRANSF. JEDN. L2			
936		Meßwerttelegramm		936				R220		T201		TEPLOTA TRANSF. JEDN. L3			
940		Meßwerttelegramm		940				R220		T202		MESSW. SPANNUNG		NAPATTIE L1-L2	
941		Meßwerttelegramm		941				R220		T202		MESSW. SPANNUNG		NAPATTIE L1-L3	
942		Meßwerttelegramm		942				R220		T202		MESSW. SPANNUNG		NAPATTIE L2-L3	
943		Meßwerttelegramm		943				R220		T202		COS FI			
944		Meßwerttelegramm		944				R220		T202		CINNY VYKON			
945		Meßwerttelegramm		945				R220		T202		JALOVY VYKON			
946		Meßwerttelegramm		946				R220		T202		MESSWERTE STROM		PRUD L1	
947		Meßwerttelegramm		947				R220		T202		MESSWERTE STROM		PRUD L2	
948		Meßwerttelegramm		948				R220		T202		MESSWERTE STROM		PRUD L3	
950		Meßwerttelegramm		950				R220		T202		MESSW. SPANNUNG DA02		NAPATTIE L1-L2	
951		Meßwerttelegramm		951				R220		T202		MESSW. SPANNUNG DA02		NAPATTIE L1-L3	
Source file:		Date		22.07.2005		VZK		SIEMENS AG		Substation control system 6MB		T		=	
Documentation struct.:		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
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Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
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Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
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Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
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Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Remarks		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Original		Date		22.07.2005		KOSICE		IEC 870 (FP) to LDM		Scan list		T		=	
Rev.		Date		22.07.2005		KOSICE		IEC							

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Telectrl. station: Name: Transmission service: Transmission priority:		IEC 870-5-101 Meßwerte spontan Send / Confirm 11													
Information address		Name of info element		Section		Bay		Logical device		Lower limit					
740 Meßwerttelegramm		740 R110 EA05		MESSWERTE STROM		PRUD L2									
741 Meßwerttelegramm		741 R110 EA05		MESSWERTE STROM		PRUD L1									
742 Meßwerttelegramm		742 R110 EA05		MESSWERTE STROM		PRUD L3									
743 Meßwerttelegramm		743 R110 EA05		MESSWERTE SPANNUNG		NAPATIE L1									
744 Meßwerttelegramm		744 R110 EA05				SYCHR. FREKV. 1									
745 Meßwerttelegramm		745 R110 EA05				SYCHR. FREKV. 2									
746 Meßwerttelegramm		746 R110 EA05				SYCHR. ROZDIEL NAPAT									
747 Meßwerttelegramm		747 R110 EA05				SYCHR. ROZDIEL UHOL									
750 Meßwerttelegramm		750 R110 EA06		MESSWERTE STROM		PRUD L2									
751 Meßwerttelegramm		751 R110 EA06		MESSWERTE STROM		PRUD L1									
752 Meßwerttelegramm		752 R110 EA06		MESSWERTE STROM		PRUD L3									
760 Meßwerttelegramm		760 R110 EA07		MESSWERTE STROM		PRUD L2									
761 Meßwerttelegramm		761 R110 EA07		MESSWERTE STROM		PRUD L1									
762 Meßwerttelegramm		762 R110 EA07		MESSWERTE STROM		PRUD L3									
763 Meßwerttelegramm		763 R110 EA07		MESSWERTE SPANNUNG		NAPATIE L1									
764 Meßwerttelegramm		764 R110 EA07				VYKON CINNY									
765 Meßwerttelegramm		765 R110 EA07				VYKON JALOVY									
770 Meßwerttelegramm		770 R110 EA08		MESSWERTE STROM		PRUD L2									
771 Meßwerttelegramm		771 R110 EA08		MESSWERTE STROM		PRUD L1									
772 Meßwerttelegramm		772 R110 EA08		MESSWERTE STROM		PRUD L3									
780 Meßwerttelegramm		780 R110 EA09		MESSWERTE STROM		PRUD L2									
781 Meßwerttelegramm		781 R110 EA09		MESSWERTE STROM		PRUD L1									
782 Meßwerttelegramm		782 R110 EA09		MESSWERTE STROM		PRUD L3									
783 Meßwerttelegramm		783 R110 EA09		MESSWERTE SPANNUNG		NAPATIE L1									
Source file:		Documentation structur:		IEC		K0050722.ODA									
Date		22.07.2005		VSZ		KOSICE		SIEMENS AG		Substation control system 6MB		T =		/EBD 20	
Drawn		LANG		KOSICE		ISAI00LS		IEC 870 (FP) to LDM		Initiation buffer		+			
Name		Norm		Orig./Repl.		1/Repl. by		3		6		7		8	
Remarks		Date		Name		Norm		Orig./Repl.		1/Repl. by		3		8	
Rev.		1		2		3		4		5		6		7	
Page		20		-S308											

Telectrl. station:

IEC 870-5-101

Name:

Meßwerte spontan

Transmission service:

Send / Confirm

Transmission priority:

11

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Substation control s

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EBD 21

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Telectrl. station:
IEC 870-5-101

Name:
Meßwerte spontan

Transmission service:
Send / Confirm

Transmission priority:
11

Information address

Name of telegram

Name of info element

Section

Bay

Logical device

Lower limit

947 Meßwerttelegramm 947 R220 T202 MESSWERTE STROM PRUD L2

948 Meßwerttelegramm 948 R220 T202 MESSWERTE STROM PRUD L3

950 Meßwerttelegramm 950 R220 T202 MESSW. SPANNUNG DA02 NAPATIE L1-L2

951 Meßwerttelegramm 951 R220 T202 MESSW. SPANNUNG DA02 NAPATIE L1-L3

952 Meßwerttelegramm 952 R220 T202 MESSW. SPANNUNG DA02 NAPATIE L2-L3

953 Meßwerttelegramm 953 R220 T202 FREKVENCIA

954 Meßwerttelegramm 954 R220 T202. TEPLOTA TRANSF. JEDN. L1

955 Meßwerttelegramm 955 R220 T202. TEPLOTA TRANSF. JEDN. L2

956 Meßwerttelegramm 956 R220 T202. TEPLOTA TRANSF. JEDN. L3

957 Meßwerttelegramm 957 R220 T202. TEPLOTA TRANSF. JEDN. Q

960 Meßwerttelegramm 960 R110 EA21 MESSWERTE STROM PRUD L2

961 Meßwerttelegramm 961 R110 EA21 MESSWERTE STROM PRUD L1

962 Meßwerttelegramm 962 R110 EA21 MESSWERTE STROM PRUD L3

963 Meßwerttelegramm 963 R110 EA21 MESSWERTE SPANNUNG NAPATIE L1

964 Meßwerttelegramm 964 R110 EA21 VYKON CINNY

Source file: IEC KO050722.ODA

Document structure: IEC

Source file: IEC KO050722.ODA

Document structure: IEC

Remarks

Date

Name

Norm

Appr.

Drawn

LANG

Date

22.07.2005

VSZ KOSICE

SIEMENS AG

ISAI00LS

Substation control system 6MB

IEC 870 (FP) to LDM

Initiation buffer

Table

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Telectrl. station

Name:

Transmission service:

Transmission priority:

Max. no. of telegrams

in telegram buffer:

Telegram memory warning limit:

Validity duration of

telegram buffer entries:

Validity duration in min:

Response to check overflow:

IEC 870-5-101

Telegrammspeicher Trenner, Erder

Send / Confirm

8

1000

800

Always

Buffer contents stay intact

Information address

Name of telegram

Name of info element

Information type

Section

Bay

Logical device

Lower limit

Source file:

IEC
KO050722.ODA

Document structure:

VSZ

KOSICE

SIEMENS AG

ISAIOOLS

Substation control system 6MB

IEC 870 (FP) to LDM

Telegram buffer without time tag

Table

Date 22.07.2005

Drawn LANG

Appl.

Name Norm

Remarks

Date

1

Orig./Repl. 1/Repl. by

3

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Rev.

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Source file: K0050722.ODA

Documentation structure: IEC

Remarks

Date

Name

Norm

Appr.

Date

22.07.2005

LANG

VSZ

KOSICE

SIEMENS AG

ISAIOOLS

Substation control system 6MB

IEC 870 (FP) to LDM

Telegram buffer without time tag

Table

Section

Bay

Logical device

Lower limit

Information type

Name of info element

Name of telegram

Information address

350 Meldungstelegramm DM

351 Meldungstelegramm DM

352 Meldungstelegramm DM

353 Meldungstelegramm DM

355 Meldungstelegramm DM

360 Meldungstelegramm DM

361 Meldungstelegramm DM

362 Meldungstelegramm DM

363 Meldungstelegramm DM

365 Meldungstelegramm DM

370 Meldungstelegramm DM

371 Meldungstelegramm DM

372 Meldungstelegramm DM

373 Meldungstelegramm DM

375 Meldungstelegramm DM

380 Meldungstelegramm DM

381 Meldungstelegramm DM

382 Meldungstelegramm DM

383 Meldungstelegramm DM

384 Meldungstelegramm DM

385 Meldungstelegramm DM

390 Meldungstelegramm DM

391 Meldungstelegramm DM

392 Meldungstelegramm DM

IEC 870-5-101

Telegramspeicher Trenner, Erder

Send / Confirm

8

Transmission priority:

Max. no. of telegrams

in telegram buffer:

Telegram memory warning limit:

Validity duration of

telegram buffer entries:

Validity duration in min:

Always

Response to check overflow:

Buffer contents stay intact

8

7

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4

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Telectrl. station

IEC 870-5-101

Telegrammspeicher Trenner, Erder

Send / Confirm

8

Transmission service:

Max. no. of telegrams

Telegram memory buffer:

Validity duration of telegram buffer entries:

Validity duration in min:

Response to check overflow:

1000

800

Always

Buffer contents stay intact

Information address

Name of telegram

Name of info element

Information type

Section

Bay

Logical device

Lower limit

393

Meldungstelegramm DM

393

Double indication

R110

EA10

ODPOJOVAC Q7

SCHALTZUSTAND

395

Meldungstelegramm DM

395

Double indication

R110

EA10

ODPOJOVAC Q9

SCHALTZUSTAND

400

Meldungstelegramm DM

400

Double indication

R110

EA11

VYPINAC Q0

SCHALTZUSTAND

401

Meldungstelegramm DM

401

Double indication

R110

EA11

ODPOJOVAC Q1

SCHALTZUSTAND

402

Meldungstelegramm DM

402

Double indication

R110

EA11

ODPOJOVAC Q2

SCHALTZUSTAND

403

Meldungstelegramm DM

403

Double indication

R110

EA11

ODPOJOVAC Q7

SCHALTZUSTAND

404

Meldungstelegramm DM

404

Double indication

R110

EA11

ODPOJOVAC ZEMNIACI Q8

SCHALTZUSTAND

405

Meldungstelegramm DM

405

Double indication

R110

EA11

ODPOJOVAC Q9

SCHALTZUSTAND

410

Meldungstelegramm DM

410

Double indication

R110

EA12

VYPINAC Q0

SCHALTZUSTAND

411

Meldungstelegramm DM

411

Double indication

R110

EA12

ODPOJOVAC Q1

SCHALTZUSTAND

412

Meldungstelegramm DM

412

Double indication

R110

EA12

ODPOJOVAC Q2

SCHALTZUSTAND

413

Meldungstelegramm DM

413

Double indication

R110

EA12

ODPOJOVAC Q7

SCHALTZUSTAND

415

Meldungstelegramm DM

415

Double indication

R110

EA12

ODPOJOVAC Q9

SCHALTZUSTAND

420

Meldungstelegramm DM

420

Double indication

R110

EA13

VYPINAC Q0

SCHALTZUSTAND

421

Meldungstelegramm DM

421

Double indication

R110

EA13

ODPOJOVAC Q1

SCHALTZUSTAND

422

Meldungstelegramm DM

422

Double indication

R110

EA13

ODPOJOVAC Q2

SCHALTZUSTAND

423

Meldungstelegramm DM

423

Double indication

R110

EA13

ODPOJOVAC Q7

SCHALTZUSTAND

424

Meldungstelegramm DM

424

Double indication

R110

EA13

ODPOJOVAC ZEMNIACI Q8

SCHALTZUSTAND

425

Meldungstelegramm DM

425

Double indication

R110

EA13

ODPOJOVAC Q9

SCHALTZUSTAND

430

Meldungstelegramm DM

430

Double indication

R110

EA15

VYPINAC Q0

SCHALTZUSTAND

431

Meldungstelegramm DM

431

Double indication

R110

EA15

ODPOJOVAC Q1

SCHALTZUSTAND

432

Meldungstelegramm DM

432

Double indication

R110

EA15

ODPOJOVAC Q2

SCHALTZUSTAND

433

Meldungstelegramm DM

433

Double indication

R110

EA15

ODPOJOVAC Q7

SCHALTZUSTAND

434

Meldungstelegramm DM

434

Double indication

R110

EA15

ODPOJOVAC ZEMNIACI Q8

SCHALTZUSTAND

Source file:

Documentation structure:

IEC

K0050722.0DA

Rev.

Remarks

Date

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Substation control system 6MB

IEC 870 (FP) to LDM

Telegram buffer without limetag

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IEC 870-5-101
Telegramspeicher Trenner, Erder
Send / Confirm
8
1000
800
Always
Buffer contents stay intact

Information address		Name of telegram	Name of info element	Information type	Section	Bay	Logical device	Lower limit
481	Meldungstelegramm DM	481	Double indication	R110	EA20	ODPOJOVAC Q1	SCHALTZUSTAND	
482	Meldungstelegramm DM	482	Double indication	R110	EA20	ODPOJOVAC Q2	SCHALTZUSTAND	
483	Meldungstelegramm DM	483	Double indication	R110	EA20	ODPOJOVAC Q7	SCHALTZUSTAND	
484	Meldungstelegramm DM	484	Double indication	R110	EA20	ODPOJOVAC ZEMNIACI Q8	SCHALTZUSTAND	
485	Meldungstelegramm DM	485	Double indication	R110	EA20	ODPOJOVAC Q9	SCHALTZUSTAND	
490	Meldungstelegramm DM	490	Double indication	R110	EA23	VYPINAC Q0	SCHALTZUSTAND	
491	Meldungstelegramm DM	491	Double indication	R110	EA23	ODPOJOVAC Q1	SCHALTZUSTAND	
492	Meldungstelegramm DM	492	Double indication	R110	EA23	ODPOJOVAC Q2	SCHALTZUSTAND	
493	Meldungstelegramm DM	493	Double indication	R110	EA23	ODPOJOVAC Q7	SCHALTZUSTAND	
494	Meldungstelegramm DM	494	Double indication	R110	EA23	ODPOJOVAC ZEMNIACI Q8	SCHALTZUSTAND	
495	Meldungstelegramm DM	495	Double indication	R110	EA23	ODPOJOVAC Q9	SCHALTZUSTAND	
500	Meldungstelegramm DM	500	Double indication	T201	TERC	VYPINAC Q0	SCHALTZUSTAND	
501	Meldungstelegramm DM	501	Double indication	T201	TERC	ODPOJOVAC Q1	SCHALTZUSTAND	
502	Meldungstelegramm DM	502	Double indication	T201	TERC	ODPOJOVAC Q9	SCHALTZUSTAND	
510	Meldungstelegramm DM	510	Double indication	T202	TERC	VYPINAC Q0	SCHALTZUSTAND	
511	Meldungstelegramm DM	511	Double indication	T202	TERC	ODPOJOVAC Q1	SCHALTZUSTAND	
512	Meldungstelegramm DM	512	Double indication	T202	TERC	ODPOJOVAC Q9	SCHALTZUSTAND	
515	Meldungstelegramm DM	515	Double indication	T60	KA08	KOBKA	SCHALTZUSTAND	
520	Meldungstelegramm DM	520	Double indication	R220	DA01	VYPINAC Q0	SCHALTZUSTAND	
521	Meldungstelegramm DM	521	Double indication	R220	DA01	ODPOJOVAC Q1	SCHALTZUSTAND	
522	Meldungstelegramm DM	522	Double indication	R220	DA01	ODPOJOVAC Q6	SCHALTZUSTAND	
523	Meldungstelegramm DM	523	Double indication	R220	DA01	ODPOJOVAC QE6	SCHALTZUSTAND	
524	Meldungstelegramm DM	524	Double indication	R220	DA01	ODPOJOVAC Q7	SCHALTZUSTAND	
530	Meldungstelegramm DM	530	Double indication	R220	DA02	VYPINAC Q0	SCHALTZUSTAND	

Source file: K0050722.ODA

Documentation structure: IEC

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1	2	3	4	5	6	7	8
Telectrl. station Name: IEC 870-5-101 Transmission service: Telegrammspeicher Trenner, Erder Transmission priority: Send / Confirm Max. no. of telegrams: 8 in telegram buffer: 1000 Telegram memory warning limit: 800 Validity duration of telegram buffer entries: Always Validity duration in min: Buffer contents stay intact Response to check overflow: Buffer contents stay intact							
Information address							
Name of info element							
Information type							
Section							
Bay							
Logical device							
Lower limit							
531 Meldungstelegramm DM 531 Double indication R220 DA02 ODPJOVAC Q1 SCHALTZUSTAND							
532 Meldungstelegramm DM 532 Double indication R220 DA02 ODPJOVAC Q6 SCHALTZUSTAND							
533 Meldungstelegramm DM 533 Double indication R220 DA02 ODPJOVAC Q6 SCHALTZUSTAND							
534 Meldungstelegramm DM 534 Double indication R220 DA02 ODPJOVAC Q8 SCHALTZUSTAND							
540 Meldungstelegramm DM T10/20-1 POLE02 PROTILAHLY VYPINAC SCHALTZUSTAND							
541 Meldungstelegramm DM T30-6 POLE04 PROTILAHLY VYPINAC SCHALTZUSTAND							
542 Meldungstelegramm DM T05-13 POLE11 PROTILAHLY VYPINAC SCHALTZUSTAND							
543 Meldungstelegramm DM T40-10 POLE17 PROTILAHLY VYPINAC SCHALTZUSTAND							
544 Meldungstelegramm DM T05-11 POLE20 PROTILAHLY VYPINAC SCHALTZUSTAND							
545 Meldungstelegramm DM T50-27 POLE23 PROTILAHLY VYPINAC SCHALTZUSTAND							
546 Meldungstelegramm DM T02-9 POLE09 PROTILAHLY VYPINAC SCHALTZUSTAND							
547 Meldungstelegramm DM T02-3 POLE18 PROTILAHLY VYPINAC SCHALTZUSTAND							
548 Meldungstelegramm DM T02-16 POLE19 PROTILAHLY VYPINAC SCHALTZUSTAND							
549 Meldungstelegramm DM T??-?? POLE21 PROTILAHLY VYPINAC SCHALTZUSTAND							
550 Meldungstelegramm DM R110 EA21 VYPINAC Q0 SCHALTZUSTAND							
551 Meldungstelegramm DM R110 EA21 ODPJOVAC Q1 SCHALTZUSTAND							
552 Meldungstelegramm DM R110 EA21 ODPJOVAC Q2 SCHALTZUSTAND							
553 Meldungstelegramm DM R110 EA21 ODPJOVAC Q7 SCHALTZUSTAND							
554 Meldungstelegramm DM R110 EA21 ODPJOVAC ZEMNIACI Q8 SCHALTZUSTAND							
555 Meldungstelegramm DM R110 EA21 ODPJOVAC Q9 SCHALTZUSTAND							
1000 Meldungstelegramm Eigener LGZ 1000 Single indication							
1001 Meldungstelegramm Eigener LGZ 1001 Single indication							
1002 Meldungstelegramm Eigener LGZ 1002 Single indication							
1003 Meldungstelegramm Eigener LGZ 1003 Single indication							
Source file: IEC KO050722.ODA							
Documentation structure: VSZ							
KOSICE							
Date / 22.07.2005							
Drawn LANG							
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SIEMENS AG							
IEC 870 (FP) to LDM							
Telegram buffer without tmetag							
Table							
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+ -S308							
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8							

1	2	3	4	5	6	7	8
<p>Telectrl. station Name: IEC 870-5-101 Transmission service: Telegrammspeicher Trenner, Erder Transmission priority: Send / Confirm Max. no. of telegrams: 8 in telegram buffer: 1000 Telegram memory warning limit: 800 Validity duration of telegram buffer entries: Always Validity duration in min: Buffer contents stay intact Response to check overflow: Buffer contents stay intact</p>							
<p>Information address Name of telegram Information type Section Bay Lower limit</p>							
1004	Meldungstelegramm	Eigener LGZ	1004	Single indication			
1005	Meldungstelegramm	Eigener LGZ	1005	Single indication			
1006	Meldungstelegramm	Eigener LGZ	1006	Single indication			
1007	Meldungstelegramm	Eigener LGZ	1007	Single indication			
1008	Meldungstelegramm	Eigener LGZ	1008	Single indication			
1009	Meldungstelegramm	Eigener LGZ	1009	Single indication			
2000	Meldungstelegramm	Trafostufen	2000	Transformer tap position	R220	T201 L1 TRAFO	ODBOCKA ST.C.
2001	Meldungstelegramm	Trafostufen	2001	Transformer tap position	R220	T201 L2 TRAFO	ODBOCKA ST.C.
2002	Meldungstelegramm	Trafostufen	2002	Transformer tap position	R220	T201 L3 TRAFO	ODBOCKA ST.C.
2003	Meldungstelegramm	Trafostufen	2003	Transformer tap position	R220	TR. Q TRAFO	ODBOCKA ST.C.
2010	Meldungstelegramm	Trafostufen	2010	Transformer tap position	R220	T202 L1 TRAFO	ODBOCKA ST.C.
2011	Meldungstelegramm	Trafostufen	2011	Transformer tap position	R220	T202 L2 TRAFO	ODBOCKA ST.C.
2012	Meldungstelegramm	Trafostufen	2012	Transformer tap position	R220	T202 L3 TRAFO	ODBOCKA ST.C.
2013	Meldungstelegramm	Trafostufen	2013	Transformer tap position	R220	T202 Q TRAFO	ODBOCKA ST.C.
<p>Source file: IEC K0050722.0DA</p>							
<p>Documentation struct.:</p>							
<p>Rev. Remarks Date Name Norm Date Drawn LANG Date 22.07.2005 VSZ KOSICE SIEMENS AG ISAOOLS Substation control system 6MB IEC 870 (FP) to LDM Telegram buffer without timetag Table T = + /EBD 32 Page 32 -S308</p>							

LDM connectioIEC 870-5-101

Group: Meldungstelegramm DM

LDM connectioIEC 870-5-101											
Group: Meldungstelegramm DM											
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Documentation struct: IEC											
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Group: LDM connectio IEC 870-5-101

Meldungstelegramm DM

LDM connectio IEC 870-5-101										8	
Group: Meldungstelegramm DM										8	
Acquisition by:										8	
Information type										8	
Spont. transmission type										8	
Intermed. pos. suppression time in s										8	
Device										8	
Module										8	
Transducer address										8	
Number										8	
Input										8	
Lower limit										8	
Logical device										8	
Bay										8	
Section										8	
Connection with										8	
Name of info element										8	
Information address										8	
481 481 LSA R110 EA20 ODPOJOVAC Q1 SCHALTZUSTAND EA20 EAG 9 Double indication Without real time 1										8	
482 482 LSA R110 EA20 ODPOJOVAC Q2 SCHALTZUSTAND EA20 EAG 1 Double indication Without real time 1										8	
483 483 LSA R110 EA20 ODPOJOVAC Q7 SCHALTZUSTAND EA20 EAG 3 Double indication Without real time 1										8	
484 484 LSA R110 EA20 ODPOJOVAC ZEMNIACI Q8 SCHALTZUSTAND EA20 EAG 13 Double indication Without real time 1										8	
485 485 LSA R110 EA20 ODPOJOVAC Q9 SCHALTZUSTAND EA20 EAG 7 Double indication Without real time 1										8	
490 490 LSA R110 EA23 VYPINAC Q0 SCHALTZUSTAND EA23 EAG 5 Double indication Without real time 1										8	
491 491 LSA R110 EA23 ODPOJOVAC Q1 SCHALTZUSTAND EA23 EAG 9 Double indication Without real time 1										8	
492 492 LSA R110 EA23 ODPOJOVAC Q2 SCHALTZUSTAND EA23 EAG 1 Double indication Without real time 1										8	
493 493 LSA R110 EA23 ODPOJOVAC Q7 SCHALTZUSTAND EA23 EAG 3 Double indication Without real time 1										8	
494 494 LSA R110 EA23 ODPOJOVAC ZEMNIACI Q8 SCHALTZUSTAND EA23 EAG 13 Double indication Without real time 1										8	
495 495 LSA R110 EA23 ODPOJOVAC Q9 SCHALTZUSTAND EA23 EAG 7 Double indication Without real time 1										8	
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