

AUTOMATION AND CONTROL

Dernière MAJ : 24/11/06

Machines and Installations with industrial communications

	Nb mod. dans chap.		Nb pages dans module	Nb pages intérieures	N° de page dans chap.	Bi/Quadri	observations
Couv	1	CS460-EN_Ver1.0	Couverture 1 ^{er} & 4 ^{er}	2			Quadri
Chapitre 0	3	G0008-EN_Ver1.1	Simply Smart	1	1	1	Quadri
		G0020-EN_Ver1.1	Structure documentaire	2	2	2	Quadri
			Structure documentaire		3	3	Quadri
		SS460-EN_Ver1.0	Sommaire général	2	4	4	Bi
					5	5	Bi
Chapitre 1	2		Presentation				
		SS461-EN_Ver1.0	Sommaire	2	6	0	Bi
					7	1	Bi
		48285-EN_Ver1.0	Presentation : Networks in Machines and Installations	8			
			Introduction		8	2	Quadri
			Ethernet TCP/IP - the universal communication standard		9	3	Quadri
			CANopen - for machines and installations		10	4	Quadri
			AS-Interface - simple and safe		11	5	Quadri
			Preferred implementations		12	6	Bi
			Preferred implementations (suite)		13	7	Bi
			System User Guides : Presentation		14	8	Bi
			System User Guides : Available System User Guides		15	9	Bi

Chapitre 2	Nb mod. dans chap.	4	Implementations	Nb pages		N° de		Bi/Quadri observations
				dans module	Nb pages intérieures	page dans chap.		
	SS462EN_Ver1.0		Sommaire	2	16	0		Bi
					17	1		Bi
	48359-EN_Ver1.0		Ethernet	6				
			Benefits of Ethernet		18	2		Bi
			Presentation		19	3		Bi
			Introduction		20	4		Bi
			Distributed Ethernet High Performance		21	5		Quadri
			Distributed Ethernet High Performance (suite)		22	6		Bi
			Distributed Ethernet High Performance (suite)		23	7		Bi
	48349-EN_Ver2.0		CANopen	18				
			Benefits of CANopen		24	8		Quadri
			Benefits of CANopen (suite)		25	9		Quadri
			Benefits of CANopen (suite)		26	10		Quadri
			Introduction		27	11		Bi
			Compact Evolutive Optimized		28	12		Quadri
			Compact Evolutive Optimized (suite)		29	13		Bi
			Compact Evolutive Performance		30	14		Quadri
			Compact Evolutive Performance (suite)		31	15		Bi
			Compact Evolutive High Performance		32	16		Quadri
			Compact Evolutive High Performance (suite)		33	17		Bi
			Distributed CANopen Optimized		34	18		Quadri
			Distributed CANopen Optimized (suite)		35	19		Bi
			Distributed CANopen Performance		36	20		Quadri
			Distributed CANopen Performance (suite)		37	21		Bi
			Distributed CANopen High Performance		38	22		Quadri
			Distributed CANopen High Performance (suite)		39	23		Bi
			ATV71 Controller inside		40	24		Quadri
			ATV71 Controller inside (suite)		41	25		Bi
	48358-EN_Ver1.0		AS-Interface	6				
			Benefits of AS-Interface : Implementation		42	26		Bi
			Benefits of AS-Interface (suite) : Implementation		43	27		Bi
			Distributed AS-Interface Optimized		44	28		Quadri
			Distributed AS-Interface Optimized (suite)		45	29		Bi
			Distributed AS-Interface High Performance		46	30		Quadri
			Distributed AS-Interface High Performance (suite)		47	31		Bi

Chapitre	Nb mod. dans chap.	Document	Nb pages dans module	Nb pages intérieures	N° de page dans chap.	Bi/Quadri	observations
Chapitre 3	8	SS463-EN_Ver2.0					
		Sommaire	2	48	0	Bi	
				49	1	Bi	
3.1	48291-EN_Ver1.0	Presentation	4				base : 48287-FR_Ver1.1
		Service classes offered		50	2	Bi	
		Service classes offered (suite)		51	3	Bi	
		Service classes offered (suite)		52	4	Bi	
		Service classes offered (suite)		53	5	Bi	
3.2	48297-EN_Ver3.0	Magelis XBT-GT	12	54	6	Bi	
		Magelis XBT-F		55	7	Bi	
		Magelis Smart iPC		56	8	Bi	
		Magelis Compact iPC		57	9	Bi	
		Magelis Modular iPC		58	10	Bi	
		Magelis Modular iPC (suite)		59	11	Bi	
		Magelis iDisplay flat screen		60	12	Bi	
		FactoryCast HMI		61	13	Bi	
		Vijeo Look		62	14	Bi	
		Vijeo Citect Software		63	15	Bi	
		Monitor Pro SCADA		64	16	Bi	
		OPC Factory server		65	17	Bi	
3.3	48296-EN_Ver3.0	Momentum M1E	16	66	18	Bi	
		Twido, base compacte		67	19	Bi	
		Twido Port		68	20	Bi	
		Modicon M340 processeurs		69	21	Bi	
		Modicon M340 modules		70	22	Bi	
		Modicon Premium processeurs		71	23	Bi	
		Modicon Premium modules ETY		72	24	Bi	
		Modicon Atrium coprocesseurs		73	25	Bi	
		Modicon Quantum processeurs		74	26	Bi	
		Modicon Quantum module		75	27	Bi	
		AP compacts Preventa		76	28	Bi	
		AP modulaires Preventa		77	29	Bi	
		W315/320E W@de RTU information servers		78	30	Bi	
		W315/320E W@de RTU information servers (suite)		79	31	Bi	
		W330 W@de RTU information servers		80	32	Bi	
		W330 W@de RTU information servers (suite)		81	33	Bi	
3.4	48295-EN_Ver3.0	Momentum communicateurs	10	82	34	Bi	
		Advantys OTB		83	35	Bi	
		Advantys STB		84	36	Bi	
		Altivar 61		85	37	Bi	
		Altivar 71		86	38	Bi	
		Lexium 15		87	39	Bi	
		Lexium 17D		88	40	Bi	
		Inductel identification inductive		89	41	Bi	
		Ositrack identification inductive		90	42	Bi	

Chapitre 4	Nb mod. dans chap.	7	CANOpen	Nb pages		N° de		Bi/Quadri observations
				dans module	Nb pages intérieures	page dans chap.		
			SS464EN_Ver1.0	Sommaire	2	118	0	Bi
						119	1	Bi
4.1			48360-EN_Ver1.0	Classe de conformité : presentation	4	120	2	Bi base : 48347-EN_Ver1.0
				Classe de conformité (suite)		121	3	Bi
				Classe de conformité (suite)		122	4	Bi
				Classe de conformité (suite)		123	5	Bi
4.2			48343-EN_Ver3.0	Twido programmable controller	8	124	6	Bi
				Modicon M340		125	7	Bi
				Modicon and Premium PLCs		126	8	Bi
				Modicon Premium PLCs		127	9	Bi
				Altivar 61/71, controller inside		128	10	Bi
				Altivar 61/71 (suite)		129	11	Bi
				Preventa safety controllers : XPS MC		130	12	Bi
				Preventa safety controllers : XPS MC (suite)		131	13	Bi
4.3			48340-EN_Ver2.0	Advantys OTB	10	132	14	Bi
				Advantys STB		133	15	Bi
				Advantys STB (suite)		134	16	Bi
				Advantys FTB		135	17	Bi
				Advantys FTB (suite)		136	18	Bi
				Advantys FTM		137	19	Bi
				Advantys FTM (suite)		138	20	Bi
				TeSys T		139	21	Bi
				TeSys U		140	22	Bi
				TeSys U (suite)		141	23	Bi
4.3			48342-EN_Ver2.0	Altivar 31	14	142	24	Bi
				Altivar 31 (suite)		143	25	Bi
				Altivar 31 (suite)		144	26	Bi
				Altivar 61		145	27	Bi
				Altivar 61 (suite)		146	28	Bi
				Altivar 61 (suite)		147	29	Bi
				Altivar 61 (suite)		148	30	Bi
				Altivar 61 (suite)		149	31	Bi
				Altivar 71		150	32	Bi
				Altivar 71 (suite)		151	33	Bi
				Altivar 71 (suite)		152	34	Bi
				Altivar 71 (suite)		153	35	Bi
				PowerSuite		154	36	Bi
				PowerSuite (suite)		155	37	Bi
4.3			48341-EN_Ver2.0	Lexium 05	10	156	38	Bi
				Lexium 05 (suite)		157	39	Bi
				Lexium 15		158	40	Bi
				Lexium 15 (suite)		159	41	Bi
				Lexium 17D		160	42	Bi
				Lexium 17D (suite)		161	43	Bi

Nb mod. dans chap.		Nb pages dans module	Nb pages intérieures	N° de		observations
				page	chap.	
	Twin Line		162	44	Bi	
	Twin Line (suite)		163	45	Bi	
	Osicoder		164	46	Bi	
	Osicoder (suite)		165	47	Bi	
4.4	48344-EN_Ver2.0		8	166	48	Bi
	Compact Evolutive optimized/ Evolutive Performance		167	49	Bi	
	Compact Evolutive high Performance/ Distributed CANOPen Optimized		168	50	Bi	
	Distributed CANOPen High Performance/ ATV 71 Controller Inside		169	51	Bi	
	Références système de câblage		170	52	Bi	
	Références système de câblage (suite)		171	53	Bi	
	CANopen ASInterface gateway :TCS AGC A1SF 14M		172	54	Bi	
	CANopen ASInterface gateway :TCS AGC A1SF 14M (suite)		173	55	Bi	

Chapitre	Nb mod. dans chap.	AS-Interface	Nb pages		N° de page dans chap.	Bi/Quadri	observations
			dans module	Nb pages intérieures			
Chapitre 5	24	AS-Interface					
	SS465EN_Ver1.0	Sommaire	2	174	0	Bi	
				175	1	Bi	
5.1	10011-EN_Ver4.1	Master Module for Twido PLCs	2	176	2	Bi	
		Master Module for Twido PLCs (suite)		177	3	Bi	
5.1	43611-EN_Ver5.4	TSX SAY master module for Modicon Premium PLCs	2	178	4	Bi	
		TSX SAY master module for Modicon Premium PLCs (suite)		179	5	Bi	
5.2	48361-EN_Ver1.0	Advantys interfaces for generic products IP20 discrete I/O	4	180	6	Bi	Base : 34021-EN_Ver6.1
		Advantys interfaces for generic products IP20 (suite)		181	7	Bi	
		Advantys interfaces for generic products IP20 (suite)		182	8	Bi	
		Advantys interfaces for generic products IP20 (suite)		183	9	Bi	
5.2	48362-EN_Ver1.0	Advantys interfaces for generic products IP20 analog I	2	184	10	Bi	Base : 34025-EN_Ver4.1
		Advantys interfaces for generic products IP20 (suite)		185	11	Bi	
5.2	48363-EN_Ver1.0	Advantys interfaces for generic products IP67	6	186	12	Bi	Base : 34030-EN_Ver2.1
		Advantys interfaces for generic products IP67 (suite)		187	13	Bi	
		Advantys interfaces for generic products IP67 (suite)		188	14	Bi	
		Advantys interfaces for generic products IP67 (suite)		189	15	Bi	
		Advantys interfaces for generic products IP67 (suite)		190	16	Bi	
		Advantys interfaces for generic products IP67 (suite)		191	17	Bi	
5.3	24615-EN_Ver7.0	TeSys model U-Module	2	192	18	Bi	
		TeSys model U-Module (suite)		193	19	Bi	
5.3	48364-EN_Ver1.0	LA9 Z modules	4	194	20	Bi	Base : 24584-EN_Ver1.0
		LA9 Z modules (suite)		195	21	Bi	
		LA9 Z modules (suite)		196	22	Bi	
		LA9 Z modules (suite)		197	23	Bi	
5.3	24091-EN_Ver4.1	Starters for AS-Interface	6	198	24	Bi	
		Starters for AS-Interface (suite)		199	25	Bi	
		Starters for AS-Interface (suite)		200	26	Bi	
		Starters for AS-Interface (suite)		201	27	Bi	
		Starters for AS-Interface (suite)		202	28	Bi	
		Starters for AS-Interface (suite)		203	29	Bi	
5.3	24090-EN_Ver7.0	Starters for AS-Interface (suite)	4	204	30	Bi	
		Starters for AS-Interface (suite)		205	31	Bi	
		Starters for AS-Interface (suite)		206	32	Bi	
		Starters for AS-Interface (suite)		207	33	Bi	
5.3	24084-EN_Ver12.0	Starters for AS-Interface LF1P/LF2P	2	208	34	Bi	
		Starters for AS-Interface LF1M/LF2M		209	35	Bi	
5.3	24088-EN_Ver7.1	Starters for AS-Interface LF7P	2	210	36	Bi	
		Starters for AS-Interface LF8P		211	37	Bi	
5.3	48375-EN_Ver1.0	TeSys U LF1/LF2 AU	2	212	38	Bi	
		TeSys U LF1/LF2 AU (suite)		213	39	Bi	
5.3	24089-EN_Ver7.1	Starters for AS-Interface references	2	214	40	Bi	
		Starters for AS-Interface references		215	41	Bi	
5.4	48372-EN_Ver1.0	Control stations and adaptater dor control and signalling units	2	216	42	Bi	Base : 34001-EN
		Control stations and adaptater dor control and signalling units		217	43	Bi	

Nb mod. dans chap.		Nb pages dans module	Nb pages intérieures	N° de page dans chap.		Bi/Quadri	observations	
5.4	48365-EN_Ver1.0	Illuminated indicator banks type XB	4	218	44	Bi	Base : 35093-EN_Ver5.1	
				Illuminated indicator banks type XB(suite)	219	45		Bi
				Illuminated indicator banks type XB(suite)	220	46		Bi
				Illuminated indicator banks type XB(suite)	221	47		Bi
5.5	48366-EN_Ver1.0	Safety at work monitors	4	222	48	Bi	Base : 38171-EN_Ver4.1	
				Safety at work monitors (suite)	223	49		Bi
				Safety at work monitors (suite)	224	50		Bi
				Safety at work monitors (suite)	225	51		Bi
5.5	48367-EN_Ver1.0	Safety interface	4	226	52	Bi	Base : 38172-EN_Ver7.1	
				Safety interface (suite)	227	53		Bi
				Safety interface (suite)	228	54		Bi
				Safety interface (suite)	229	55		Bi
5.6	48368-EN_Ver1.0	Implementations : infrastructure	4	230	56	Bi	Base : 34050-EN_Ver1.1	
				Implementations : infrastructure (suite)	231	57		Bi
				Implementations : infrastructure (suite)	232	58		Bi
				Implementations : infrastructure (suite)	233	59		Bi
5.6	48369-EN_Ver1.0	Installation system : ASI cables	4	234	60	Bi	Base : 34013-EN_Ver5.1	
				Installation system : Connection accessories	235	61		Bi
				Installation system : Connection accessories	236	62		Bi
				Installation system : line extension	237	63		Bi
5.6	14061-EN_Ver5.2	Phaseo regulated switch	4	238	64	Bi		
				Phaseo regulated switch (suite)	239	65		Bi
				Phaseo regulated switch (suite)	240	66		Bi
				Phaseo regulated switch (suite)	241	67		Bi
5.6	14043-EN_Ver6.2	Insulation control relay	4	242	68	Bi		
				Insulation control relay (suite)	243	69		Bi
				Insulation control relay (suite)	244	70		Bi
				Insulation control relay (suite)	245	71		Bi
5.7	48370-EN_Ver1.0	TCS AGE A1SF 13F Ethernet/AS-Interface	4	246	72	Bi	New	
				TCS AGC A1SF 14M CANOpen/AS-Interface	247	73		Bi
				TCS AGP A1SF 14F Profibus DP/AS-Interface	248	74		Bi
				TCS AGP A1SF 14F Profibus DP/AS-Interface (sute)	249	75		Bi
5.7	48371-EN_Ver1.0	Tools : software terminals	2	250	76	Bi	base : 34008-EN_Ver9.3	
				Tools : ASI line analyser	251	77	>Bi	base : 34018-EN

Nb mod. dans chap.	Nb pages dans module	Nb pages intérieures	N° de page dans chap.		Bi/Quadri observations	
Chapitre 6	2	Partners				
	SS466-EN_Ver1.0	Sommaire	2	252	0	Bi
				253	1	Bi
	48294-EN_Ver3.0	Collaborative Automation Partner Programm	34	254	2	Bi
		Modbus-IDA organisation		255	3	Bi
		CAN in Automation		256	4	Bi
		AS-International		257	5	Bi
		ACKSYS Communications & Systems		258	6	Bi
		ACTL		259	7	Bi
		Anyware Technologies		260	8	Bi
		Berger Lahr		261	9	Bi
		Berger Lahr (suite)		262	10	Bi
		Berger Lahr (suite)		263	11	Bi
		Bihl+Wiedemann		264	12	Bi
		Bihl+Wiedemann (suite)		265	13	Bi
		Bihl+Wiedemann (suite)		266	14	Bi
		connectBlue		267	15	Bi
		Data-linc Group		268	16	Bi
		Data-linc Group (suite)		269	17	Bi
		Festo		270	18	Bi
		FieldServer Technologies		271	19	Bi
		Hilscher		272	20	Bi
		Hilscher (suite)		273	21	Bi
		Hirschmann GmbH & Co		274	22	Bi
		Hirschmann GmbH & Co (suite)		275	23	Bi
		HMS Industrial Networks		276	24	Bi
		HMS Industrial Networks (suite)		277	25	Bi
		Industrial Control Communications		278	26	Bi
		IXXAT		279	27	Bi
		IXXAT (suite)		280	28	Bi
		IXXAT (suite)		281	29	Bi
		Niobrara R & D.		282	30	Bi
		Phoenix Digital Corporation		283	31	Bi
		ProSoft Technology		284	32	Bi
		ProSoft Technology (suite)		285	33	Bi
		Webdyn S.A.		286	34	Bi
		Woodhead		287	35	Bi

Chapitre	Nb mod. dans chap.	Nb pages dans module	Nb pages intérieures	N° de page dans chap.		Bi/Quadri	observations
Chapitre 7	13	Technical informations					
	SS467-EN_Ver1.0	Sommaire	2	288	0	Bi	
				289	1	Bi	
7.1	48373-EN_Ver1.0	Industrial Ethernet cabling System	8	290	2	Bi	Base: 43656/2, 43656/4
		Ethernet TCP/IP communication service		291	3	Bi	Base: 48290/2, /3, /4, /5
		Ethernet TCP/IP communication service (suite)		292	4	Bi	
		Ethernet TCP/IP communication service (suite)		293	5	Bi	Base: 48402/2
		Ethernet TCP/IP communication service (suite)		294	6	Bi	Base: 43654/2
		Ethernet TCP/IP communication service (suite)		295	7	Bi	Base: 48290/6
		Ethernet TCP/IP communication service (suite)		296	8	Bi	Base: 48290/8, /9
		Ethernet TCP/IP communication service (suite)		297	9	Bi	Base: 48290/10, /11
7.1	48376-EN_Ver1.0	Performance of Ethernet TCP/IP network	4	298	10	Bi	Base: 48373/11
		Standard and factoryCast Web services		299	11	Bi	Base: 43617
		Standard and factoryCast Web services		300	12	Bi	Base: 43617
		Standard and factoryCast Web services		301	13	Bi	Base: 43617
7.1	43622-EN_Ver2.1	PLC standard Web services	2	302	14	Bi	
		PLC standard Web services		303	15	Bi	
7.1	43623-EN_Ver2.0	FactoryCast configurable PLC Web services	2	304	16	Bi	
		FactoryCast configurable PLC Web services		305	17	Bi	
7.1	43618-EN_Ver2,0	FactoryCast HMI active Web services	4	306	18	Bi	
		FactoryCast HMI active Web services		307	19	Bi	
		FactoryCast HMI active Web services		308	20	Bi	
		FactoryCast HMI active Web services		309	21	Bi	
7.2	48347-EN_Ver1.0	CAN presentation	4	310	22	Bi	Base 48347/2, /3, /4, /5
		CAN presentation (suite)		311	23	Bi	
		CAN presentation (suite)		312	24	Bi	
		CAN presentation (suite)		313	25	Bi	
7.3	48374-EN_Ver1.0	Presentation	8	314	26	Bi	
		Physical layer		315	27	Bi	
		Physical layer (suite)		316	28	Bi	
		Data link layer		317	29	Bi	
		Application layer		318	30	Bi	
		System versions		319	31	Bi	
		System versions		320	32	Bi	
		Safety at work		321	33	Bi	
7.4	X0009-EN_Ver5.0	Tests according to standard utilisation categories	2	322	34	Bi	
		Tests according to standard utilisation categories		323	35	Bi	
7.4	X0002-EN_Ver4.0	Protective treatment of equipment	2	324	36	Bi	
		Protective treatment of equipment		325	37	Bi	
7.4	X0008-EN_Ver7.0	Product standards and certifications	2	326	38	Bi	
		Product standards and certifications		327	39	Bi	
7.4	X0004-EN_Ver5.0	Degrees of protection	2	328	40	Bi	
		Degrees of protection		329	41	Bi	
	RS460-EN_Ver1.0	Product reference index	3	330	42	Bi	

Nb mod. dans chap.	Nb pages dans module	Nb pages intérieures	N° de page dans chap.	Bi/Quadri	observations
	Product reference index	331	43	Bi	
	Product reference index	332	44	Bi	

Nombre total de pages intérieures **332**

Couv/3	1	G0003-EN_Ver3.0	Essential guide to Telemecanique products	1	Quadri

65 modules