

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Industrial communication networks – Fieldbus specifications –  
Part 2: Physical layer specification and service definition**

**Réseaux de communication industriels – Spécifications des bus de terrain –  
Partie 2: Spécification et définition des services de la couche physique**



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## CONTENTS

FOREWORD.....	30
0 Introduction.....	32
0.1 General.....	32
0.2 Physical layer overview.....	32
0.3 Document overview.....	32
0.4 Major physical layer variations specified in this standard.....	33
0.4.1 Type 1 media.....	33
0.4.2 Type 2: Coaxial wire and optical media.....	33
0.4.3 Type 3: Twisted-pair wire and optical media.....	33
0.4.4 Type 4: Wire medium.....	34
0.4.5 Type 8: Twisted-pair wire and optical media.....	34
0.4.6 Type 12: Wire medium.....	34
0.4.7 Type 16: optical media.....	34
0.4.8 Type 18: Media.....	34
0.4.9 Type 20: Media.....	35
0.4.10 Type 24: Media.....	35
0.5 Patent declaration.....	35
1 Scope.....	36
2 Normative references.....	36
3 Terms and definitions.....	38
3.1 Common terms and definitions.....	38
3.2 Type 1: Terms and definitions.....	43
3.3 Type 2: Terms and definitions.....	46
3.4 Type 3: Terms and definitions.....	49
3.5 Type 4: Terms and definitions.....	52
3.6 <i>Void</i> .....	53
3.7 Type 8: Terms and definitions.....	53
3.8 Type 12: Terms and definitions.....	56
3.9 Type 16: Terms and definitions.....	57
3.10 Type 18: Terms and definitions.....	60
3.11 Type 24: Terms and definitions.....	61
3.12 Type 20 terms and definitions.....	63
4 Symbols and abbreviations.....	66
4.1 Symbols.....	66
4.1.1 Type 1: Symbols.....	66
4.1.2 Type 2: Symbols.....	67
4.1.3 Type 3: Symbols.....	68
4.1.5 <i>Void</i> .....	68
4.1.6 Type 8: Symbols.....	68
4.1.7 Type 12: Symbols.....	69
4.1.8 Type 16: Symbols.....	69
4.1.9 Type 18: Symbols.....	69
4.1.10 Type 24: Symbols.....	70
4.1.11 Type 20: symbols.....	70
4.2 Abbreviations.....	70
4.2.1 Type 1: Abbreviations.....	70

4.2.2	Type 2: Abbreviations .....	71
4.2.3	Type 3: Abbreviations .....	72
4.2.4	Type 4: Abbreviations .....	74
4.2.5	<i>Void</i> .....	74
4.2.6	Type 8: Abbreviations .....	74
4.2.7	Type 12: Abbreviations .....	75
4.2.8	Type 16: Abbreviations .....	76
4.2.9	Type 18: Abbreviations .....	76
4.2.10	Type 24: Abbreviations .....	77
4.2.11	Type 20: Abbreviations .....	77
5	DLL – PhL interface .....	77
5.1	General .....	77
5.2	Type 1: Required services .....	78
5.2.1	Primitives of the PhS .....	78
5.2.2	Notification of PhS characteristics .....	79
5.2.3	Transmission of Ph-user-data .....	80
5.2.4	Reception of Ph-user-data .....	80
5.3	Type 2: Required services .....	80
5.3.1	General .....	80
5.3.2	M_symbols .....	80
5.3.3	PH-LOCK indication .....	81
5.3.4	PH-FRAME indication .....	81
5.3.5	PH-CARRIER indication .....	81
5.3.6	PH-DATA indication .....	81
5.3.7	PH-STATUS indication .....	81
5.3.8	PH-DATA request .....	82
5.3.9	PH-FRAME request .....	82
5.3.10	PH-JABBER indication .....	82
5.3.11	PH-JABBER-CLEAR request .....	82
5.3.12	Ph-JABBER-TYPE request .....	82
5.4	Type 3: Required services .....	83
5.4.1	Synchronous transmission .....	83
5.4.2	Asynchronous transmission .....	83
5.5	Type 4: Required services .....	84
5.5.1	General .....	84
5.5.2	Primitives of the PhS .....	84
5.5.3	Transmission of Ph-user data .....	85
5.6	<i>Void</i> .....	86
5.7	Type 8: Required services .....	86
5.7.1	General .....	86
5.7.2	Primitives of the PhS .....	86
5.7.3	Overview of the Interactions .....	87
5.8	Type 12: Required services .....	94
5.8.1	Primitives of the PhS .....	94
5.8.2	Notification of PhS characteristics .....	95
5.8.3	Transmission of Ph-user-data .....	95
5.8.4	Reception of Ph-user-data .....	95
5.9	Type 16: Required services .....	95
5.9.1	Primitives of the PhS .....	95

5.9.2	Transmission of Ph-user-data .....	96
5.9.3	Reception of Ph-user-data .....	96
5.10	Type 18: Required services .....	97
5.10.1	General .....	97
5.10.2	Primitives of the PhS .....	97
5.10.3	Transmission of Ph-user-data .....	98
5.10.4	Reception of Ph-user-data .....	98
5.11	Type 24: Required services .....	98
5.11.1	General .....	98
5.11.2	DL_Symbols .....	98
5.11.3	PLS_CARRIER indication .....	99
5.11.4	PLS_SIGNAL indication .....	99
5.11.5	PLS_DATA_VALID indication .....	99
5.11.6	PLS_DATA indication .....	99
5.11.7	PLS_DATA request .....	99
5.12	Type 20: Required services .....	99
5.12.1	Facilities of the physical layer services .....	99
5.12.2	Sequence of primitives .....	99
5.12.3	PH-START service .....	100
5.12.4	PH-DATA service .....	101
5.12.5	PH-END service .....	101
6	Systems management – PhL interface .....	101
6.1	General .....	101
6.2	Type 1: Systems management – PhL interface .....	102
6.2.1	Required services .....	102
6.2.2	Service primitive requirements .....	102
6.3	Type 3: Systems management – PhL interface .....	103
6.3.1	Synchronous transmission .....	103
6.3.2	Asynchronous transmission .....	103
6.4	Type 4: Systems management – PhL interface .....	109
6.4.1	Required Services .....	109
6.4.2	Service primitive requirements .....	109
6.5	Void .....	110
6.6	Type 8: Systems management – PhL interface .....	110
6.6.1	Functionality of the PhL Management .....	110
6.6.2	PhL-PNM1 Interface .....	110
6.7	Type 12: Systems management – PhL interface .....	115
6.7.1	Required service .....	115
6.7.2	Service primitive PH-RESET request .....	115
6.8	Type 18: Systems management – PhL interface .....	115
6.8.1	General .....	115
6.8.2	Required services .....	115
6.8.3	Service primitive requirements .....	115
6.9	Type 24: Systems management – PhL interface .....	116
7	DCE independent sublayer (DIS) .....	116
7.1	General .....	116
7.2	Type 1: DIS .....	116
7.3	Type 3: DIS .....	117
7.3.1	Synchronous transmission .....	117

7.3.2	Asynchronous transmission .....	117
7.4	Void .....	117
7.5	Type 8: DIS .....	117
7.5.1	General .....	117
7.5.2	Function .....	117
7.5.3	Serial transmission .....	117
7.5.4	MDS coupling .....	117
7.6	Type 12: DIS .....	118
8	DTE – DCE interface and MIS-specific functions .....	119
8.1	General .....	119
8.2	Type 1: DTE – DCE interface .....	119
8.2.1	Services .....	119
8.2.2	Signaling interfaces .....	120
8.3	Type 3: DTE – DCE interface .....	130
8.3.1	Synchronous transmission .....	130
8.3.2	Asynchronous transmission .....	130
8.4	Type 8: MIS – MDS interface .....	130
8.4.1	General .....	130
8.4.2	Services .....	131
8.4.3	Interface signals .....	132
8.4.4	Converting the services to the interface signals .....	132
8.5	Type 12: DTE – DCE interface .....	140
9	Medium dependent sublayer (MDS) .....	140
9.1	General .....	140
9.2	Type 1: MDS: Wire and optical media .....	140
9.2.1	PhPDU .....	140
9.2.2	Encoding and decoding .....	141
9.2.3	Polarity detection .....	142
9.2.4	Start of frame delimiter .....	142
9.2.5	End of frame delimiter .....	142
9.2.6	Preamble .....	143
9.2.7	Synchronization .....	143
9.2.8	Post-transmission gap .....	143
9.2.9	Inter-channel signal skew .....	144
9.3	Void .....	144
9.4	Type 2: MDS: Wire and optical media .....	144
9.4.1	Clock accuracy .....	144
9.4.2	Data recovery .....	144
9.4.3	Data encoding rules .....	144
9.5	Type 3: MDS: Wire and optical media .....	145
9.5.1	Synchronous transmission .....	145
9.5.2	Asynchronous transmission .....	145
9.6	Type 4: MDS: Wire medium .....	145
9.6.1	Half-duplex .....	145
9.6.2	Full-duplex .....	147
9.6.3	Full-duplex UDP .....	149
9.7	Void .....	150
9.8	Type 8: MDS: Wire and optical media .....	150
9.8.1	Function .....	150

9.8.2	PhPDU formats.....	151
9.8.3	Idle states .....	155
9.8.4	Reset PhPDU .....	155
9.8.5	MAU coupling .....	156
9.9	Type 12: MDS: Wire media.....	157
9.9.1	PhPDU .....	157
9.9.2	Encoding and decoding .....	158
9.9.3	Polarity detection.....	159
9.9.4	SOF.....	159
9.9.5	EOF.....	159
9.9.6	Idle .....	159
9.9.7	Synchronization.....	159
9.9.8	Inter frame gap .....	160
9.10	Type 16: MDS: Optical media.....	160
9.10.1	Data encoding rules.....	160
9.10.2	Telegrams and fill characters.....	160
9.11	Type 18: MDS: Wire media.....	161
9.11.1	Overview .....	161
9.11.2	Transmission.....	161
9.11.3	Reception.....	161
9.12	Type 24: MDS: Twisted-pair wire.....	161
9.12.1	General .....	161
9.12.2	Clock accuracy .....	161
9.12.3	Data recovery.....	162
9.12.4	Data encoding rules.....	162
10	MDS – MAU interface.....	163
10.1	General.....	163
10.2	Type 1: MDS – MAU interface: Wire and optical media.....	163
10.2.1	Services.....	163
10.2.2	Service specifications.....	163
10.2.3	Signal characteristics .....	164
10.2.4	Communication mode.....	164
10.2.5	Timing characteristics.....	164
10.3	Void.....	164
10.4	Type 2: MDS – MAU interface: Wire and optical media.....	165
10.4.1	MDS-MAU interface: general .....	165
10.4.2	MDS-MAU interface: 5 Mbit/s, voltage-mode, coaxial wire .....	165
10.4.3	MDS – MAU interface 5 Mbit/s, optical medium .....	166
10.4.4	MDS – MAU interface Network Access Port (NAP) .....	167
10.5	Type 3: MDS – MAU interface: Wire and optical media.....	167
10.5.1	Synchronous transmission.....	167
10.5.2	Asynchronous transmission .....	167
10.6	Type 8: MDS – MAU interface: Wire and optical media.....	167
10.6.1	Overview of the services.....	167
10.6.2	Description of the services .....	167
10.6.3	Time response.....	168
10.6.4	Transmission mode .....	169
10.7	Type 18: MDS – MAU interface: Wire media.....	169
10.7.1	General .....	169

10.7.2	Services .....	169
10.7.3	Service specifications .....	169
10.7.4	Signal characteristics .....	170
10.7.5	Communication mode .....	170
10.7.6	Timing characteristics .....	170
10.8	Type 24: MDS – MAU interface: Twisted-pair wire medium .....	170
10.8.1	Overview of service .....	170
10.8.2	Description of the services .....	171
11	Types 1 and 7: Medium attachment unit: voltage mode, linear-bus-topology 150 $\Omega$ twisted-pair wire medium .....	171
11.1	General .....	171
11.2	Bit-rate-dependent quantities .....	172
11.3	Network specifications .....	172
11.3.1	Components .....	172
11.3.2	Topologies .....	172
11.3.3	Network configuration rules .....	173
11.3.4	Power distribution rules for network configuration .....	174
11.4	MAU transmit circuit specification .....	174
11.4.1	Summary .....	174
11.4.2	MAU test configuration .....	175
11.4.3	MAU output level requirements .....	176
11.4.4	MAU output timing requirements .....	177
11.4.5	Signal polarity .....	178
11.5	MAU receive circuit specification .....	179
11.5.1	Summary .....	179
11.5.2	Input impedance .....	179
11.5.3	Receiver sensitivity and noise rejection .....	180
11.5.4	Received bit cell jitter .....	180
11.5.5	Interference susceptibility and error rates .....	180
11.6	Jabber inhibit .....	181
11.7	Power distribution .....	181
11.7.1	Overview .....	181
11.7.2	Supply voltage .....	182
11.7.3	Powered via signal conductors .....	182
11.7.4	Powered separately from signal conductors .....	183
11.7.5	Electrical isolation .....	183
11.8	Medium specifications .....	184
11.8.1	Connector .....	184
11.8.2	Standard test cable .....	184
11.8.3	Coupler .....	185
11.8.4	Splices .....	185
11.8.5	Terminator .....	185
11.8.6	Shielding rules .....	185
11.8.7	Grounding (earthing) rules .....	186
11.8.8	Color coding of cables .....	186
12	Types 1 and 3: Medium attachment unit: 31,25 kbit/s, voltage-mode with low-power option, bus- and tree-topology, 100 $\Omega$ wire medium .....	186
12.1	General .....	186
12.2	Transmitted bit rate .....	187

12.3	Network specifications.....	187
12.3.1	Components .....	187
12.3.2	Topologies.....	187
12.3.3	Network configuration rules .....	188
12.3.4	Power distribution rules for network configuration.....	189
12.4	MAU transmit circuit specification.....	190
12.4.1	Summary.....	190
12.4.2	MAU test configuration .....	190
12.4.3	MAU output level requirements.....	190
12.4.4	Output timing requirements.....	191
12.4.5	Signal polarity .....	192
12.4.6	Transition from receive to transmit.....	192
12.5	MAU receive circuit specification.....	192
12.5.1	Summary.....	192
12.5.2	Input impedance .....	193
12.5.3	Receiver sensitivity and noise rejection .....	193
12.5.4	Received bit cell jitter .....	193
12.5.5	Interference susceptibility and error rates .....	193
12.6	Jabber inhibit .....	194
12.7	Power distribution.....	194
12.7.1	General .....	194
12.7.2	Supply voltage.....	195
12.7.3	Powered via signal conductors .....	195
12.7.4	Power supply impedance.....	197
12.7.5	Powered separately from signal conductors .....	200
12.7.6	Electrical isolation .....	200
12.8	Medium specifications.....	200
12.8.1	Connector.....	200
12.8.2	Standard test cable .....	201
12.8.3	Coupler .....	201
12.8.4	Splices .....	202
12.8.5	Terminator.....	202
12.8.6	Shielding rules.....	203
12.8.7	Grounding (earthing) rules.....	203
12.8.8	Color coding of cables .....	203
12.9	Intrinsic safety.....	204
12.9.1	General .....	204
12.9.2	Intrinsic safety barrier.....	204
12.9.3	Barrier and terminator placement.....	204
12.10	Galvanic isolators.....	204
13	Type 1: Medium attachment unit: current mode, twisted-pair wire medium.....	204
13.1	General.....	204
13.2	Transmitted bit rate .....	205
13.3	Network specifications.....	205
13.3.1	Components .....	205
13.3.2	Topologies.....	205
13.3.3	Network configuration rules .....	205
13.3.4	Power distribution rules for network configuration.....	207
13.4	MAU transmit circuit specification.....	207

13.4.1	Test configuration .....	208
13.4.2	Output level requirements .....	208
13.4.3	Output timing requirements .....	209
13.5	MAU receive circuit specification .....	209
13.5.1	General .....	209
13.5.2	Input impedance .....	210
13.5.3	Receiver sensitivity and noise rejection .....	210
13.5.4	Received bit cell jitter .....	210
13.5.5	Interference susceptibility and error rates .....	210
13.6	Jabber inhibit .....	211
13.7	Power distribution .....	212
13.7.1	General .....	212
13.7.2	Powered via signal conductors .....	212
13.7.3	Powered separately from signal .....	213
13.7.4	Electrical isolation .....	213
13.8	Medium specifications .....	213
13.8.1	Connector .....	213
13.8.2	Standard test cable .....	213
13.8.3	Coupler .....	214
13.8.4	Splices .....	214
13.8.5	Terminator .....	214
13.8.6	Shielding rules .....	215
13.8.7	Grounding rules .....	215
13.8.8	Color coding of cables .....	215
14	Type 1: Medium attachment unit: current mode (1 A), twisted-pair wire medium .....	215
14.1	General .....	215
14.2	Transmitted bit rate .....	216
14.3	Network specifications .....	216
14.3.1	Components .....	216
14.3.2	Topologies .....	216
14.3.3	Network configuration rules .....	216
14.3.4	Power distribution rules for network configuration .....	218
14.4	MAU transmit circuit specification .....	218
14.4.1	Configuration .....	218
14.4.2	Output level requirements .....	219
14.4.3	Output timing requirements .....	219
14.5	MAU receive circuit specification .....	220
14.5.1	General .....	220
14.5.2	Input impedance .....	220
14.5.3	Receiver sensitivity and noise rejection .....	220
14.5.4	Received bit cell jitter .....	220
14.5.5	Interference susceptibility and error rates .....	221
14.6	Jabber inhibit .....	221
14.7	Power distribution .....	221
14.7.1	General .....	221
14.7.2	Powered via signal conductors .....	222
14.7.3	Powered separately from signal .....	223
14.7.4	Electrical isolation .....	223
14.8	Medium specifications .....	223

14.8.1	Connector.....	223
14.8.2	Standard test cable .....	223
14.8.3	Coupler .....	223
14.8.4	Splices .....	223
14.8.5	Terminator.....	223
14.8.6	Shielding rules.....	224
14.8.7	Grounding rules.....	224
14.8.8	Color coding of cables .....	224
15	Types 1 and 7: Medium attachment unit: dual-fiber optical media .....	224
15.1	General.....	224
15.2	Bit-rate-dependent quantities .....	224
15.3	Network specifications.....	225
15.3.1	Components .....	225
15.3.2	Topologies.....	225
15.3.3	Network configuration rules .....	225
15.4	MAU transmit circuit specifications .....	226
15.4.1	Test configuration.....	226
15.4.2	Output level specification.....	226
15.4.3	Output timing specification .....	226
15.5	MAU receive circuit specifications .....	227
15.5.1	General .....	227
15.5.2	Receiver operating range .....	227
15.5.3	Maximum received bit cell jitter.....	227
15.5.4	Interference susceptibility and error rates .....	228
15.6	Jabber inhibit .....	229
15.7	Medium specifications .....	229
15.7.1	Connector.....	229
15.7.2	Standard test fiber .....	229
15.7.3	Optical passive star.....	229
15.7.4	Optical active star.....	229
16	Type 1: Medium attachment unit: 31,25 kbit/s, single-fiber optical medium .....	231
16.1	General.....	231
16.2	Transmitted bit rate .....	231
16.3	Network specifications.....	231
16.3.1	Components .....	231
16.3.2	Topologies.....	231
16.3.3	Network configuration rules .....	231
16.4	MAU transmit circuit specifications .....	231
16.4.1	Test configuration.....	232
16.4.2	Output level specification.....	232
16.4.3	Output timing specification .....	232
16.5	MAU receive circuit specifications .....	232
16.5.1	General .....	232
16.5.2	Receiver operating range .....	232
16.5.3	Maximum received bit cell jitter.....	232
16.5.4	Interference susceptibility and error rates .....	232
16.6	Jabber inhibit .....	232
16.7	Medium specifications .....	233
16.7.1	Connector.....	233

16.7.2	Standard test fiber .....	233
16.7.3	Optical passive star .....	233
16.7.4	Optical active star .....	233
17	Void .....	234
18	Type 2: Medium attachment unit: 5 Mbit/s, voltage-mode, coaxial wire medium .....	234
18.1	General .....	234
18.2	Transceiver: 5 Mbit/s, voltage-mode, coaxial wire .....	235
18.3	Transformer 5 Mbit/s, voltage-mode, coaxial wire .....	240
18.4	Connector 5 Mbit/s, voltage-mode, coaxial wire medium .....	241
18.5	Topology 5 Mbit/s, voltage-mode, coaxial wire medium .....	241
18.6	Taps 5 Mbit/s, voltage-mode, coaxial wire medium .....	243
18.6.1	Description .....	243
18.6.2	Requirements .....	243
18.6.3	Spur .....	245
18.7	Trunk 5 Mbit/s, voltage-mode, coaxial wire medium .....	245
18.7.1	Trunk Cable .....	245
18.7.2	Connectors .....	246
19	Type 2: Medium attachment unit: 5 Mbit/s, optical medium .....	246
19.1	General .....	246
19.2	Transceiver 5 Mbit/s, optical medium .....	246
19.3	Topology 5 Mbit/s, optical medium .....	247
19.4	Trunk fiber 5 Mbit/s, optical medium .....	247
19.5	Trunk connectors 5 Mbit/s, optical medium .....	248
19.6	Fiber specifications 5 Mbit/s, optical medium .....	248
20	Type 2: Medium attachment unit: network access port (NAP) .....	251
20.1	General .....	251
20.2	Signaling .....	252
20.3	Transceiver .....	253
20.4	Connector .....	253
20.5	Cable .....	253
21	Type 3: Medium attachment unit: synchronous transmission, 31,25 kbit/s, voltage mode, wire medium .....	254
21.1	General .....	254
21.2	Transmitted bit rate .....	255
21.3	Network specifications .....	255
21.3.1	Components .....	255
21.3.2	Topologies .....	256
21.3.3	Network configuration rules .....	256
21.3.4	Power distribution rules for network configuration .....	258
21.4	Transmit circuit specification for 31,25 kbit/s voltage-mode MAU .....	258
21.4.1	Summary .....	258
21.4.2	Test configuration .....	258
21.4.3	Impedance .....	258
21.4.4	Symmetry .....	259
21.4.5	Output level requirements .....	261
21.4.6	Output timing requirements .....	261
21.4.7	Signal polarity .....	261
21.5	Receive circuit specification for 31,25 kbit/s voltage-mode MAU .....	261

21.6	Jabber inhibit .....	261
21.7	Power distribution.....	261
21.7.1	General .....	261
21.7.2	Supply voltage.....	262
21.7.3	Powered via signal conductors .....	262
21.7.4	Electrical isolation .....	263
21.8	Medium specifications .....	264
21.8.1	Connector.....	264
21.8.2	Standard test cable .....	264
21.8.3	Coupler .....	264
21.8.4	Splices .....	264
21.8.5	Terminator.....	264
21.8.6	Shielding rules.....	265
21.8.7	Grounding rules.....	265
21.8.8	Cable colours .....	265
21.9	Intrinsic safety.....	265
21.9.1	General .....	265
21.9.2	Intrinsic safety barrier.....	265
21.9.3	Barrier and terminator placement.....	266
21.10	Galvanic Isolators.....	266
21.11	Coupling elements.....	266
21.11.1	General .....	266
21.11.2	MBP-IS repeater.....	266
21.11.3	MBP-IS – RS 485 signal coupler.....	267
21.12	Power supply.....	268
21.12.1	General .....	268
21.12.2	Non-intrinsically safe power supply.....	269
21.12.3	Intrinsically safe power supply .....	269
21.12.4	Power supply of the category "ib" .....	270
21.12.5	Power supply in category "ia" .....	270
21.12.6	Reverse powering.....	271
22	Type 3: Medium attachment unit: asynchronous transmission, wire medium .....	272
22.1	Medium attachment unit for non intrinsic safety .....	272
22.1.1	Characteristics .....	272
22.1.2	Medium specifications .....	274
22.1.3	Transmission method .....	277
22.2	Medium attachment unit for intrinsic safety.....	277
22.2.1	Characteristics .....	277
22.2.2	Medium specifications .....	279
22.2.3	Transmission method .....	281
22.2.4	Intrinsic safety.....	285
23	Type 3: Medium attachment unit: asynchronous transmission, optical medium .....	288
23.1	Characteristic features of optical data transmission .....	288
23.2	Basic characteristics of an optical data transmission medium .....	289
23.3	Optical network .....	290
23.4	Standard optical link.....	290
23.5	Network structures built from a combination of standard optical links .....	291
23.6	Bit coding .....	291
23.7	Optical signal level .....	291

23.7.1	General .....	291
23.7.2	Characteristics of optical transmitters .....	291
23.7.3	Characteristics of optical receivers .....	293
23.8	Temporal signal distortion .....	294
23.8.1	General .....	294
23.8.2	Signal shape at the electrical input of the optical transmitter.....	295
23.8.3	Signal distortion due to the optical transmitter .....	295
23.8.4	Signal distortion due to the optical receiver .....	296
23.8.5	Signal influence due to coupling components .....	297
23.8.6	Chaining standard optical links .....	297
23.9	Bit error rate .....	298
23.10	Connectors for fiber optic cable .....	298
23.11	Redundancy in optical transmission networks.....	298
24	Type 4: Medium attachment unit: RS-485 .....	298
24.1	General .....	298
24.2	Overview of the services .....	298
24.3	Description of the services .....	299
24.3.1	Transmit signal (TxS) .....	299
24.3.2	Transmit enable (TxE) .....	299
24.3.3	Receive signal (RxS) .....	299
24.4	Network.....	299
24.4.1	General .....	299
24.4.2	Topology .....	299
24.5	Electrical specification.....	299
24.6	Time response .....	299
24.7	Interface to the transmission medium .....	299
24.8	Specification of the transmission medium .....	300
24.8.1	Cable connectors.....	300
24.8.2	Cable.....	300
25	Void.....	300
26	Void.....	300
27	Type 8: Medium attachment unit: twisted-pair wire medium .....	300
27.1	MAU signals.....	300
27.2	Transmission bit rate dependent quantities.....	301
27.3	Network.....	301
27.3.1	General .....	301
27.3.2	Topology .....	302
27.4	Electrical specification.....	302
27.5	Time response .....	302
27.6	Interface to the transmission medium .....	302
27.6.1	General .....	302
27.6.2	Incoming interface .....	302
27.6.3	Outgoing interface .....	303
27.7	Specification of the transmission medium .....	303
27.7.1	Cable connectors.....	303
27.7.2	Cable.....	303
27.7.3	Terminal resistor .....	305
28	Type 8: Medium attachment unit: optical media .....	305

28.1	General .....	305
28.2	Transmission bit rate dependent quantities .....	306
28.3	Network topology .....	306
28.4	Transmit circuit specifications .....	307
28.4.1	Data encoding rules .....	307
28.4.2	Test configuration .....	307
28.4.3	Output level specification .....	307
28.4.4	Output timing specification .....	308
28.5	Receive circuit specifications .....	308
28.5.1	Decoding rules .....	308
28.5.2	Fiber optic receiver operating range .....	308
28.5.3	Maximum received bit cell jitter .....	308
28.6	Specification of the transmission medium .....	309
28.6.1	Connector .....	309
28.6.2	Fiber optic cable specification: polymer optical fiber cable .....	309
28.6.3	Fiber optic cable specification: plastic clad silica fiber cable .....	311
28.6.4	Standard test fiber .....	312
29	Type 12: Medium attachment unit: electrical medium .....	312
29.1	Electrical characteristics .....	312
29.2	Medium specifications .....	313
29.2.1	Connector .....	313
29.2.2	Wire .....	313
29.3	Transmission method .....	313
29.3.1	Bit coding .....	313
29.3.2	Representation as ANSI TIA/EIA-644-A signals .....	313
30	Type 16: Medium attachment unit: optical fiber medium at 2, 4, 8 and 16 Mbit/s .....	314
30.1	Structure of the transmission lines .....	314
30.2	Time performance of bit transmission .....	314
30.2.1	Introduction .....	314
30.2.2	Master and slave in test mode .....	315
30.2.3	Data rate .....	317
30.2.4	Input-output performance of the slave .....	318
30.2.5	Idealized waveform .....	321
30.3	Connection to the optical fiber .....	321
30.3.1	Introduction .....	321
30.3.2	Master connection .....	322
30.3.3	Slave connection .....	325
30.3.4	Interactions of the connections .....	326
31	Type 18: Medium attachment unit: basic medium .....	327
31.1	General .....	327
31.2	Data signal encoding .....	328
31.3	Signal loading .....	328
31.4	Signal conveyance requirements .....	328
31.5	Media .....	328
31.5.1	General .....	328
31.5.2	Topology .....	329
31.5.3	Signal cable specifications .....	330
31.5.4	Media termination .....	330
31.6	Endpoint and branch trunk cable connectors .....	331

31.7	Recommended type 18-PhL-B MAU circuitry .....	331
32	Type 18: Medium attachment unit: powered medium.....	332
32.1	General .....	332
32.2	Data signal encoding .....	332
32.3	Signal loading .....	332
32.4	Signal conveyance requirements .....	332
32.5	Media .....	333
32.5.1	General .....	333
32.5.2	Topology .....	333
32.5.3	Topology requirements .....	334
32.5.4	Signal cable specifications .....	335
32.5.5	Media termination .....	335
32.6	Endpoint and branch trunk cable connectors .....	336
32.6.1	Device connector .....	336
32.6.2	Flat-cable connector .....	336
32.6.3	Round cable connector .....	336
32.6.4	Round cable alternate connector .....	336
32.6.5	T-branch coupler .....	336
32.7	Embedded power distribution .....	336
32.7.1	General .....	336
32.7.2	Power source .....	337
32.7.3	Power loading .....	337
32.8	Recommended type 18-PhL-P MAU circuitry .....	339
32.8.1	General .....	339
32.8.2	Communications element galvanic isolation .....	339
32.8.3	Power .....	339
33	Type 24: Medium attachment unit: twisted pair wire medium .....	340
33.1	General .....	340
33.2	Network .....	340
33.2.1	Component .....	340
33.2.2	Topology .....	340
33.3	Electrical specification .....	341
33.4	Medium specifications .....	341
33.4.1	Connector .....	341
33.4.2	Cable .....	342
33.4.3	Grounding and shielding rules .....	343
33.4.4	Bus terminator .....	343
33.5	Transmission Method .....	344
33.5.1	Bit coding .....	344
33.5.2	Transceiver control .....	344
33.5.3	Transformer .....	344
33.5.4	Output level requirement .....	345
33.5.5	Interface to the transmission medium .....	345
34	Type 20: Medium attachment unit: FSK medium .....	346
34.1	Overview .....	346
34.2	PhPDU .....	347
34.2.1	PhPDU structure .....	347
34.2.2	PhPDU transmission .....	347
34.2.3	PhPDU reception .....	348

34.2.4	Preamble length .....	348
34.3	Device types .....	348
34.3.1	General .....	348
34.3.2	Impedance type .....	348
34.3.3	Connection type .....	349
34.3.4	Device parameters .....	351
34.4	Network configuration rules .....	351
34.5	Digital transmitter specification .....	352
34.5.1	Test configuration .....	352
34.5.2	Bit rate and modulation .....	353
34.5.3	Amplitude .....	353
34.5.4	Timing .....	354
34.5.5	Digital signal spectrum .....	355
34.6	Digital receiver specification .....	356
34.7	Analog signaling .....	357
34.7.1	Analog signal spectrum .....	357
34.7.2	Interference to digital signal .....	358
34.8	Device impedance .....	358
34.8.1	High impedance device .....	358
34.8.2	Low impedance device .....	359
34.8.3	Secondary device .....	359
34.9	Interference to analog and digital signals .....	359
34.9.1	Connection or disconnection of secondary device .....	359
34.9.2	Cyclic connection .....	360
34.9.3	Output during silence .....	360
34.10	Non-communicating devices .....	360
34.10.1	Network power supply .....	360
34.10.2	Barrier .....	361
34.10.3	Miscellaneous hardware .....	363
Annex A	(normative) Type 1: Connector specification .....	365
Annex B	(informative) Types 1 and 3: Cable specifications and trunk and spur lengths for the 31,25 kbit/s voltage-mode MAU .....	373
Annex C	(informative) Types 1 and 7: Optical passive stars .....	375
Annex D	(informative) Types 1 and 7: Star topology .....	376
Annex E	(informative) Type 1: Alternate fibers .....	380
Annex F	(normative) Type 2: Connector specification .....	381
Annex G	(normative) Type 2: Repeater machine sublayers (RM, RRM) and redundant PhLs .....	384
Annex H	(informative) Type 2: Reference design examples .....	395
Annex I	(normative) Type 3: Connector specification .....	401
Annex J	(normative) Type 3: Redundancy of PhL and medium .....	408
Annex K	(normative) Type 3: Optical network topology .....	409
Annex L	(informative) Type 3: Reference design examples for asynchronous transmission, wire medium, intrinsically safe .....	418
Annex M	(normative) Type 8: Connector specification .....	421
Annex N	(normative) Type 16: Connector specification .....	426
Annex O	(normative) Type 16: Optical network topology .....	427
Annex P	(informative) Type 16: Reference design example .....	432

Annex Q (normative) Type 18: Connector specification .....	436
Annex R (normative) Type 18: Media cable specifications.....	441
Annex S (normative) Type 24: Connector specification .....	445
Annex T (informative) Type 20: Network topology, cable characteristics and lengths, power distribution through barriers, and shielding and grounding .....	448
Bibliography.....	470
Figure 1 – General model of physical layer .....	32
Figure 2 – Mapping between data units across the DLL – PhL interface.....	78
Figure 3 – Data service for asynchronous transmission.....	83
Figure 4 – Interactions for a data sequence of a master: identification cycle .....	88
Figure 5 – Interactions for a data sequence of a master: data cycle .....	89
Figure 6 – Interactions for a data sequence of a slave: identification cycle.....	90
Figure 7 – Interactions for a data sequence of a slave: data cycle .....	91
Figure 8 – Interactions for a check sequence of a master .....	92
Figure 9 – Interactions for a check sequence of a slave.....	93
Figure 10 – Physical layer data service sequences .....	100
Figure 11 – Reset, Set-value, Get-value .....	105
Figure 12 – Event service .....	105
Figure 13 – Interface between PhL and PNM1 in the layer model.....	110
Figure 14 – Reset, Set-value, Get-value PhL services .....	111
Figure 15 – Event PhL service.....	112
Figure 16 – Allocation of the interface number .....	113
Figure 17 – Configuration of a master.....	118
Figure 18 – Configuration of a slave with an alternative type of transmission .....	118
Figure 19 – Configuration of a bus coupler with an alternative type of transmission .....	118
Figure 20 – DTE/DCE sequencing machines.....	124
Figure 21 – State transitions with the ID cycle request service.....	133
Figure 22 – MIS-MDS interface: identification cycle request service.....	134
Figure 23 – MIS-MDS interface: identification cycle request service.....	135
Figure 24 – State transitions with the data cycle request service .....	135
Figure 25 – MIS-MDS interface: data cycle request service .....	136
Figure 26 – State transitions with the data sequence classification service .....	136
Figure 27 – Protocol machine for the message transmission service.....	137
Figure 28 – Protocol machine for the data sequence identification service .....	138
Figure 29 – Protocol machine for the message receipt service .....	139
Figure 30 – Protocol data unit (PhPDU) .....	141
Figure 31 – PhSDU encoding and decoding.....	141
Figure 32 – Manchester encoding rules .....	141
Figure 33 – Preamble and delimiters.....	143
Figure 34 – Manchester coded symbols .....	145
Figure 35 – PhPDU format, half duplex .....	146
Figure 36 – PhPDU format, full duplex .....	148

Figure 37 – Data sequence PhPDU.....	151
Figure 38 – Structure of the header in a data sequence PhPDU.....	151
Figure 39 – Check sequence PhPDU.....	152
Figure 40 – Structure of a headers in a check sequence PhPDU.....	152
Figure 41 – Structure of the status PhPDU.....	153
Figure 42 – Structure of the header in a status PhPDU.....	153
Figure 43 – Structure of the medium activity status PhPDU.....	154
Figure 44 – Structure of the header in a medium activity status PhPDU.....	154
Figure 45 – Reset PhPDU.....	155
Figure 46 – Configuration of a master.....	156
Figure 47 – Configuration of a slave.....	157
Figure 48 – Configuration of a bus coupler.....	157
Figure 49 – Protocol data unit.....	157
Figure 50 – PhSDU encoding and decoding.....	158
Figure 51 – Manchester encoding rules.....	158
Figure 52 – Example of an NRZI-coded signal.....	160
Figure 53 – Fill signal.....	161
Figure 54 – Manchester coded symbols.....	162
Figure 55 – Jitter tolerance.....	169
Figure 56 – Transmit circuit test configuration.....	176
Figure 57 – Output waveform.....	176
Figure 58 – Transmitted and received bit cell jitter (zero crossing point deviation).....	177
Figure 59 – Signal polarity.....	179
Figure 60 – Receiver sensitivity and noise rejection.....	180
Figure 61 – Power supply ripple and noise.....	183
Figure 62 – Fieldbus coupler.....	185
Figure 63 – Transition from receiving to transmitting.....	192
Figure 64 – Power supply ripple and noise.....	196
Figure 65 – Test circuit for single-output power supplies.....	197
Figure 66 – Test circuit for power distribution through an IS barrier.....	198
Figure 67 – Test circuit for multiple output supplies with signal coupling.....	199
Figure 68 – Fieldbus coupler.....	201
Figure 69 – Protection resistors.....	202
Figure 70 – Test configuration for current-mode MAU.....	208
Figure 71 – Transmitted and received bit cell jitter (zero crossing point deviation).....	209
Figure 72 – Noise test circuit for current-mode MAU.....	211
Figure 73 – Transmitted and received bit cell jitter (zero crossing point deviation).....	219
Figure 74 – Power supply harmonic distortion and noise.....	222
Figure 75 – Optical wave shape template.....	227
Figure 76 – Components of 5 Mbit/s, voltage-mode, coaxial wire PhL variant.....	235
Figure 77 – Coaxial wire MAU block diagram.....	235
Figure 78 – Coaxial wire MAU transmitter.....	236
Figure 79 – Coaxial wire MAU receiver operation.....	237

Figure 80 – Coaxial wire MAU transmit mask .....	238
Figure 81 – Coaxial wire MAU receive mask .....	239
Figure 82 – Transformer symbol .....	240
Figure 83 – 5 Mbit/s, voltage-mode, coaxial wire topology example .....	242
Figure 84 – Coaxial wire medium topology limits .....	243
Figure 85 – Coaxial wire medium tap electrical characteristics .....	244
Figure 86 – MAU block diagram 5 Mbit/s, optical fiber medium .....	247
Figure 87 – NAP reference model .....	251
Figure 88 – Example of transient and permanent nodes .....	252
Figure 89 – NAP transceiver .....	253
Figure 90 – NAP cable .....	254
Figure 91 – Circuit diagram of the principle of measuring impedance .....	259
Figure 92 – Definition of CMRR .....	260
Figure 93 – Block circuit diagram of the principle of measuring CMRR .....	260
Figure 94 – Power supply ripple and noise .....	263
Figure 95 – Output characteristic curve of a power supply of the category EEx ib .....	270
Figure 96 – Output characteristic curve of a power supply of the category EEx ia .....	270
Figure 97 – Repeater in linear bus topology .....	273
Figure 98 – Repeater in tree topology .....	274
Figure 99 – Example for a connector with integrated inductance .....	275
Figure 100 – Interconnecting wiring .....	276
Figure 101 – Bus terminator .....	277
Figure 102 – Linear structure of an intrinsically safe segment .....	278
Figure 103 – Topology example extended by repeaters .....	279
Figure 104 – Bus terminator .....	281
Figure 105 – Waveform of the differential voltage .....	282
Figure 106 – Test set-up for the measurement of the idle level for devices with an integrated termination resistor .....	284
Figure 107 – Test set-up for the measurement of the idle level for devices with a connectable termination resistor .....	284
Figure 108 – Test set-up for measurement of the transmission levels .....	285
Figure 109 – Test set-up for the measurement of the receiving levels .....	285
Figure 110 – Fieldbus model for intrinsic safety .....	286
Figure 111 – Communication device model for intrinsic safety .....	287
Figure 112 – Connection to the optical network .....	289
Figure 113 – Principle structure of optical networking .....	290
Figure 114 – Definition of the standard optical link .....	291
Figure 115 – Signal template for the optical transmitter .....	296
Figure 116 – Recommended interface circuit .....	300
Figure 117 – MAU of an outgoing interface .....	301
Figure 118 – MAU of an incoming interface .....	301
Figure 119 – Remote bus link .....	302
Figure 120 – Interface to the transmission medium .....	302
Figure 121 – Wiring .....	305

Figure 122 – Terminal resistor network .....	305
Figure 123 – Fiber optic remote bus cable .....	306
Figure 124 – Optical fiber remote bus link .....	306
Figure 125 – Optical wave shape template optical MAU .....	308
Figure 126 – Optical transmission line .....	314
Figure 127 – Optical signal envelope .....	316
Figure 128 – Display of jitter ( $J_{noise}$ ) .....	317
Figure 129 – Input-output performance of a slave .....	319
Figure 130 – Functions of a master connection .....	322
Figure 131 – Valid transmitting signals during the transition from fill signal to telegram delimiters .....	324
Figure 132 – Valid transmitting signals during the transition from telegram delimiter to fill signal .....	325
Figure 133 – Functions of a slave connection .....	326
Figure 134 – Network with two slaves .....	327
Figure 135 – Minimum interconnecting wiring .....	328
Figure 136 – Dedicated cable topology .....	329
Figure 137 – T-branch topology .....	329
Figure 138 – Communication element isolation .....	331
Figure 139 – Communication element and I/O isolation .....	331
Figure 140 – Minimum interconnecting wiring .....	333
Figure 141 – Flat cable topology .....	333
Figure 142 – Dedicated cable topology .....	334
Figure 143 – T-branch topology .....	334
Figure 144 – Type 18-PhL-P power distribution .....	337
Figure 145 – Type 18-PhL-P power distribution .....	337
Figure 146 – Type 18-PhL-P power supply filtering and protection .....	338
Figure 147 – Communication element isolation .....	339
Figure 148 – Communication element and i/o isolation .....	339
Figure 149 – PhL-P power supply circuit .....	340
Figure 150 – Expanded type-24 network using repeater .....	341
Figure 151 – Connector with inductor .....	341
Figure 152 – Cable structure .....	342
Figure 153 – Interconnecting wiring .....	343
Figure 154 – Bus terminator .....	343
Figure 155 – Eye pattern .....	344
Figure 156 – Transformer symbol .....	345
Figure 157 – Recommended MAU circuit .....	346
Figure 158 – Phase-continuous Frequency-Shift-Keying .....	346
Figure 159 – PhPDU Structure .....	347
Figure 160 – Character format .....	347
Figure 161 – Transmit test configuration .....	352
Figure 162 – Transmit waveform .....	353
Figure 163 – Carrier start time .....	355

Figure 164 – Carrier stop time .....	355
Figure 165 – Carrier decay time.....	355
Figure 166 – Digital signal spectrum .....	356
Figure 167 – Digital receiver interference.....	357
Figure 168 – Analog signal spectrum .....	358
Figure 169 – Output during silence .....	360
Figure 170 – Network power supply ripple.....	361
Figure 171 – Barrier test circuit A .....	362
Figure 172 – Barrier test circuit B .....	362
Figure 173 – Barrier test circuit C .....	363
Figure A.1 – Internal fieldbus connector.....	365
Figure A.2 – Contact designations for the external connector for harsh industrial environments.....	367
Figure A.3 – External fieldbus connector keyways, keys, and bayonet pins and grooves.....	367
Figure A.4 – External fieldbus connector intermateability dimensions.....	368
Figure A.5 – External fieldbus connector contact arrangement.....	369
Figure A.6 – Contact designations for the external connector for typical industrial environments.....	370
Figure A.7 – External fixed (device) side connector for typical industrial environments: dimensions .....	370
Figure A.8 – External free (cable) side connector for typical industrial environments: dimensions .....	371
Figure A.9 – Optical connector for typical industrial environments (FC connector) .....	371
Figure A.10 – Optical connector for typical industrial environments (ST connector).....	372
Figure C.1 – Example of an optical passive reflective star .....	375
Figure C.2 – Example of an optical passive transmissive star.....	375
Figure D.1 – Example of star topology with 31,25 kbit/s, single fiber mode, optical MAU.....	376
Figure D.2 – Multi-star topology with an optical MAU .....	376
Figure D.3 – Example of mixture between wire and optical media for 31,25 kbit/s .....	378
Figure D.4 – Example of mixture between wire and optical media .....	379
Figure F.1 – Pin connector for short range optical medium.....	382
Figure F.2 – Crimp ring for short range optical medium.....	382
Figure G.1 – PhL repeater device reference model .....	384
Figure G.2 – Reference model for redundancy.....	387
Figure G.3 – Block diagram showing redundant coaxial medium and NAP .....	388
Figure G.4 – Block diagram showing ring repeaters .....	389
Figure G.5 – Segmentation query .....	390
Figure G.6 – Segmentation response.....	390
Figure G.7 – Main switch state machine.....	392
Figure G.8 – Port 1 sees network activity first .....	393
Figure G.9 – Port 2 sees network activity first .....	394
Figure H.1 – Coaxial wire MAU RXDATA detector .....	396
Figure H.2 – Coaxial wire MAU RXCARRIER detection.....	397
Figure H.3 – Redundant coaxial wire MAU transceiver.....	397

Figure H.4 – Single channel coaxial wire MAU transceiver .....	398
Figure H.5 – Coaxial wire medium tap .....	399
Figure H.6 – Non-isolated NAP transceiver .....	400
Figure H.7 – Isolated NAP transceiver .....	400
Figure I.1 – Schematic of the station coupler .....	401
Figure I.2 – Pin assignment of the male and female connectors IEC 60947-5-2 (A coding) .....	402
Figure I.3 – Connector pinout, front view of male and back view of female respectively .....	403
Figure I.4 – Connector pinout, front view of female M12 connector .....	405
Figure I.5 – Connector pinout, front view of male M12 connector .....	405
Figure I.6 – M12 Tee .....	406
Figure I.7 – M12 Bus termination .....	407
Figure J.1 – Redundancy of PhL MAU and Medium .....	408
Figure K.1 – Optical MAU in a network with echo .....	409
Figure K.2 – Optical MAU in a network without echo .....	410
Figure K.3 – Optical MAU with echo via internal electrical feedback of the receive signal .....	410
Figure K.4 – Optical MAU without echo function .....	411
Figure K.5 – Optical network with star topology .....	411
Figure K.6 – Optical network with ring topology .....	412
Figure K.7 – Optical network with bus topology .....	412
Figure K.8 – Tree structure built from a combination of star structures .....	413
Figure K.9 – Application example for an ANSI TIA/EIA-485-A / fiber optic converter .....	413
Figure L.1 – Bus termination integrated in the communication device .....	418
Figure L.2 – Bus termination in the connector .....	419
Figure L.3 – External bus termination .....	419
Figure M.1 – Outgoing interface 9-position female subminiature D connector at the device .....	421
Figure M.2 – Incoming interface 9-position male subminiature D connector at the device .....	421
Figure M.3 – Terminal connector at the device .....	421
Figure M.4 – Ferrule of an optical F-SMA connector for polymer optical fiber (980/1 000 μm) .....	422
Figure M.5 – Type 8 fiber optic hybrid connector housing .....	423
Figure M.6 – Type 8 fiber optic hybrid connector assignment .....	424
Figure O.1 – Topology .....	427
Figure O.2 – Structure of a single-core cable (example) .....	430
Figure O.3 – Optical power levels .....	431
Figure P.1 – Example of an implemented DPLL .....	433
Figure P.2 – DPLL status diagram .....	434
Figure P.3 – DPLL timing .....	434
Figure Q.1 – PhL-P device connector r-a .....	436
Figure Q.2 – PhL-P device connector straight .....	437
Figure Q.3 – PhL-P flat cable connector and terminal cover – body and connector .....	437
Figure Q.4 – PhL-P flat cable connector and terminal cover – terminal cover .....	438

Figure Q.5 – Type 18-PhL-P round cable connector body .....	438
Figure Q.6 – Type 18-PhL-P round cable connector terminal cover .....	439
Figure Q.7 – Type 18-PhL-P round cable alternate connector and body .....	439
Figure Q.8 – Type 18-PhL-P round cable alternate connector terminal cover .....	440
Figure R.1 – PhL-B cable cross section twisted drain .....	441
Figure R.2 – PhL-B cable cross section non-twisted drain .....	442
Figure R.3 – PhL-P flat cable cross section – with key .....	443
Figure R.4 – PhL-P flat cable cross section – without key .....	443
Figure R.5 – PhL-P flat cable polarity marking .....	443
Figure R.6 – Round cable – preferred; cross section .....	444
Figure R.7 – Round cable – alternate; cross-section .....	444
Figure S.1 – Type 24-1 device connector dimensions (1 row) .....	445
Figure S.2 – Type 24-1 device connector dimensions (2 rows) .....	446
Figure S.3 – Type 24-1 cable connector dimensions .....	446
Figure S.4 – Type 24-2 device connector dimensions .....	447
Figure S.5 – Type 24-2 cable connector dimensions .....	447
Figure T.1 – Point-to-point current input network .....	448
Figure T.2 – Point-to-point current output network .....	449
Figure T.3 – Multi-drop network .....	450
Figure T.4 – Multi-drop network with analog signaling .....	451
Figure T.5 – Series connected network 1 .....	452
Figure T.6 – Series connected network 2 .....	453
Figure T.7 – Cable length for single slave device network .....	455
Figure T.8 – Cable capacitance for $C_{cbl}/R_{cbl}=1\ 000$ .....	456
Figure T.9 – Cable capacitance for $C_{cbl}/R_{cbl}=2\ 000$ .....	456
Figure T.10 – Cable capacitance for $C_{cbl}/R_{cbl}=5\ 000$ .....	457
Figure T.11 – Cable capacitance for $C_{cbl}/R_{cbl}=10\ 000$ .....	457
Figure T.12 – Cable capacitance for $C_{cbl}/R_{cbl}=1\ 000$ , 100 $\Omega$ series resistance .....	458
Figure T.13 – Cable capacitance for $C_{cbl}/R_{cbl}=1\ 000$ , 200 $\Omega$ series resistance .....	458
Figure T.14 – Cable capacitance for $C_{cbl}/R_{cbl}=1\ 000$ , 300 $\Omega$ series resistance .....	459
Figure T.15 – Cable capacitance for $C_{cbl}/R_{cbl}=1\ 000$ , 400 $\Omega$ series resistance .....	459
Figure T.16 – Cable capacitance for $C_{cbl}/R_{cbl}=2\ 000$ , 100 $\Omega$ series resistance .....	460
Figure T.17 – Cable capacitance for $C_{cbl}/R_{cbl}=2\ 000$ , 200 $\Omega$ series resistance .....	460
Figure T.18 – Cable capacitance for $C_{cbl}/R_{cbl}=2\ 000$ , 300 $\Omega$ series resistance .....	461
Figure T.19 – Cable capacitance for $C_{cbl}/R_{cbl}=2\ 000$ , 400 $\Omega$ series resistance .....	461
Figure T.20 – Cable capacitance for $C_{cbl}/R_{cbl}=5\ 000$ , 100 $\Omega$ series resistance .....	462
Figure T.21 – Cable capacitance for $C_{cbl}/R_{cbl}=5\ 000$ , 200 $\Omega$ series resistance .....	462
Figure T.22 – Cable capacitance for $C_{cbl}/R_{cbl}=5\ 000$ , 300 $\Omega$ series resistance .....	463
Figure T.23 – Cable capacitance for $C_{cbl}/R_{cbl}=5\ 000$ , 400 $\Omega$ series resistance .....	463
Figure T.24 – Cable capacitance for $C_{cbl}/R_{cbl}=10\ 000$ , 100 $\Omega$ series resistance .....	464
Figure T.25 – Cable capacitance for $C_{cbl}/R_{cbl}=10\ 000$ , 200 $\Omega$ series resistance .....	464
Figure T.26 – Cable capacitance for $C_{cbl}/R_{cbl}=10\ 000$ , 300 $\Omega$ series resistance .....	465
Figure T.27 – Cable capacitance for $C_{cbl}/R_{cbl}=10\ 000$ , 400 $\Omega$ series resistance .....	465

Figure T.28 – Network power supply connections ..... 468

Figure T.29 – Grounding and shielding ..... 469

  

Table 1 – Data encoding rules ..... 81

Table 2 – Ph-STATUS indication truth table ..... 82

Table 3 – Jabber indications ..... 82

Table 4 – Primitives and parameters in DLL-PhL interface ..... 98

Table 5 – PH-START primitives and parameters ..... 100

Table 6 – PH-DATA primitives and parameters ..... 101

Table 7 – Parameter names and values for Ph-SET-VALUE request ..... 102

Table 8 – Parameter names for Ph-EVENT indication ..... 103

Table 9 – Summary of Ph-management services and primitives ..... 105

Table 10 – Reset primitives and parameters ..... 106

Table 11 – Values of PhM-Status for the Reset service ..... 106

Table 12 – Set value primitives and parameters ..... 106

Table 13 – Mandatory PhE-variables ..... 107

Table 14 – Permissible values of PhE-variables ..... 107

Table 15 – Values of PhM-Status for the set-value service ..... 107

Table 16 – Get value primitives and parameters ..... 108

Table 17 – Current values of PhE-variables ..... 108

Table 18 – Values of PhM-Status for the get value service ..... 108

Table 19 – Event primitive and parameters ..... 109

Table 20 – New values of PhE-variables ..... 109

Table 21 – Parameter names and values for management ..... 110

Table 22 – PH-RESET ..... 112

Table 23 – Ph-SET-VALUE ..... 112

Table 24 – PhL variables ..... 113

Table 25 – Ph-GET-VALUE ..... 114

Table 26 – Ph-EVENT ..... 114

Table 27 – PhL events ..... 115

Table 28 – Parameter names and values for Ph-SET-VALUE request ..... 116

Table 29 – Signals at DTE – DCE interface ..... 121

Table 30 – Signal levels for an exposed DTE – DCE interface ..... 121

Table 31 – MDS bus reset ..... 132

Table 32 – Signals at the MIS-MDS interface ..... 132

Table 33 – Manchester encoding rules ..... 142

Table 34 – MDS timing characteristics ..... 144

Table 35 – MDS data encoding rules ..... 145

Table 36 – SL bit and TxSL signal assignment ..... 152

Table 37 – SL bit and RxSL signal assignment ..... 152

Table 38 – SL bit and TxSL signal assignment ..... 153

Table 39 – SL bit and RxSL signal assignment ..... 153

Table 40 – SL bit and TxSL signal assignment ..... 154

Table 41 – SL bit and RxSL signal assignment .....	154
Table 42 – Coding and decoding rules .....	155
Table 43 – Decoding rules for the idle states .....	155
Table 44 – Coding rules for the reset PhPDU.....	156
Table 45 – Decoding rules of the reset PhPDU .....	156
Table 46 – Manchester encoding rules.....	158
Table 47 – MDS timing characteristics .....	162
Table 48 – MDS data encoding rules .....	162
Table 49 – Minimum services at MDS – MAU interface .....	163
Table 50 – Signal levels for an exposed MDS – MAU interface .....	164
Table 51 – MDS-MAU interface definitions: 5 Mbit/s, voltage-mode, coaxial wire .....	165
Table 52 – MDS – MAU interface 5 Mbit/s, optical fiber medium .....	166
Table 53 – Services of the MDS-MAU interface.....	167
Table 54 – Minimum services at MAU interface.....	169
Table 55 – Signal levels for an exposed MAU interface.....	170
Table 56 – Minimum services of the MDS-MAU interface .....	170
Table 57 – Signal levels for an exposed MDS – MAU interface ( $V_{DD}=5V$ ) .....	171
Table 58 – Bit-rate-dependent quantities of voltage-mode networks.....	172
Table 59 – MAU transmit level specification summary.....	175
Table 60 – MAU transmit timing specification summary for 31,25 kbit/s operation .....	175
Table 61 – MAU transmit timing specification summary for $\geq 1$ Mbit/s operation.....	175
Table 62 – MAU receive circuit specification summary.....	179
Table 63 – Network powered device characteristics .....	182
Table 64 – Network power supply requirements .....	182
Table 65 – Test cable attenuation limits.....	184
Table 66 – Recommended color coding of cables in North America .....	186
Table 67 – MAU transmit level specification summary.....	190
Table 68 – MAU transmit timing specification summary.....	190
Table 69 – MAU receive circuit specification summary.....	193
Table 70 – Network powered device characteristics .....	195
Table 71 – Network power supply requirements .....	195
Table 72 – Type 3 cable color specification.....	204
Table 73 – MAU transmit level specification summary.....	207
Table 74 – MAU transmit timing specification summary.....	208
Table 75 – Receive circuit specification summary .....	210
Table 76 – Network power supply requirements .....	212
Table 77 – Transmit level specification summary for current-mode MAU.....	218
Table 78 – Transmit timing specification summary for current-mode MAU.....	218
Table 79 – Receive circuit specification summary for current-mode MAU.....	220
Table 80 – Network power supply requirements .....	221
Table 81 – Bit-rate-dependent quantities of high-speed ( $\geq 1$ Mbit/s) dual-fiber networks .....	224
Table 82 – Transmit level and spectral specification summary .....	226
Table 83 – Transmit timing specification summary .....	226

Table 84 – Receive circuit specification summary ..... 227

Table 85 – Transmit and receive level and spectral specifications for an optical active star ..... 230

Table 86 – Timing characteristics of an optical active star ..... 231

Table 87 – Transmit level and spectral specification summary ..... 232

Table 88 – Transmit and receive level and spectral specifications for an optical active star ..... 234

Table 89 – Transmit control line definitions 5 Mbit/s, voltage-mode, coaxial wire ..... 236

Table 90 – Receiver data output definitions: 5 Mbit/s, voltage-mode, coaxial wire ..... 237

Table 91 – Receiver carrier output definitions: 5 Mbit/s, voltage-mode, coaxial wire ..... 237

Table 92 – Coaxial wire medium interface – transmit specifications ..... 238

Table 93 – Coaxial wire medium interface – receive ..... 239

Table 94 – Coaxial wire medium interface – general ..... 240

Table 95 – 5 Mbit/s, voltage-mode, coaxial wire transformer electrical specifications ..... 241

Table 96 – Coaxial spur cable specifications ..... 245

Table 97 – Coaxial trunk cable specifications ..... 245

Table 98 – Transmit control line definitions 5 Mbit/s, optical fiber medium ..... 247

Table 99 – Fiber medium interface 5,0 Mbit/s, optical ..... 247

Table 100 – Fiber signal specification 5 Mbit/s, optical medium, short range ..... 248

Table 101 – Fiber signal specification 5 Mbit/s, optical medium, medium range ..... 249

Table 102 – Fiber signal specification 5 Mbit/s, optical medium, long range ..... 250

Table 103 – NAP requirements ..... 252

Table 104 – Mixing devices from different categories ..... 255

Table 105 – Input Impedances of bus interfaces and power supplies ..... 258

Table 106 – Required CMRR ..... 261

Table 107 – Network powered device characteristics for the 31,25 kbit/s voltage-mode MAU ..... 261

Table 108 – Network power supply requirements for the 31,25 kbit/s voltage-mode MAU ..... 262

Table 109 – Electrical characteristics of fieldbus interfaces ..... 267

Table 110 – Electrical characteristics of power supplies ..... 268

Table 111 – Characteristics for non intrinsic safety ..... 272

Table 112 – Characteristics using repeaters ..... 273

Table 113 – Cable specifications ..... 275

Table 114 – Maximum cable length for the different transmission speeds ..... 275

Table 115 – Characteristics for intrinsic safety ..... 278

Table 116 – Cable specification (function- and safety-related) ..... 280

Table 117 – Maximum cable length for the different transmission speeds ..... 280

Table 118 – Electrical characteristics of the intrinsically safe interface ..... 283

Table 119 – Maximum safety values ..... 288

Table 120 – Characteristic features ..... 289

Table 121 – Characteristics of optical transmitters for multi-mode glass fiber ..... 292

Table 122 – Characteristics of optical transmitters for single-mode glass fiber ..... 292

Table 123 – Characteristics of optical transmitters for plastic fiber ..... 293

Table 124 – Characteristics of optical transmitters for 200/230 $\mu\text{m}$ glass fiber .....	293
Table 125 – Characteristics of optical receivers for multi-mode glass fiber .....	294
Table 126 – Characteristics of optical receivers for single-mode glass fiber .....	294
Table 127 – Characteristics of optical receivers for plastic fiber .....	294
Table 128 – Characteristics of optical receivers for 200/230 $\mu\text{m}$ glass fiber.....	294
Table 129 – Permissible signal distortion at the electrical input of the optical transmitter .....	295
Table 130 – Permissible signal distortion due to the optical transmitter.....	296
Table 131 – Permissible signal distortion due to the optical receiver.....	297
Table 132 – Permissible signal influence due to internal electronic circuits of a coupling component.....	297
Table 133 – Maximum chaining of standard optical links without retiming .....	298
Table 134 – Services of the MDS-MAU interface, RS-485, Type 4 .....	299
Table 135 – Bit rate dependent quantities twisted pair wire medium MAU .....	301
Table 136 – Incoming interface signals .....	303
Table 137 – Outgoing interface signals .....	303
Table 138 – Remote bus cable characteristics .....	304
Table 139 – Bit rate dependent quantities optical MAU .....	306
Table 140 – Remote bus fiber optic cable length.....	307
Table 141 – Encoding rules .....	307
Table 142 – Transmit level and spectral specification summary for an optical MAU.....	307
Table 143 – Optical MAU receive circuit specification summary .....	309
Table 144 – Specification of the fiber optic waveguide .....	309
Table 145 – Specification of the single fiber.....	310
Table 146 – Specification of the cable sheath and mechanical properties of the cable .....	310
Table 147 – Recommended further material properties of the cable .....	310
Table 148 – Specification of the fiber optic waveguide .....	311
Table 149 – Specification of the single fiber.....	311
Table 150 – Specification of the cable sheath and mechanical properties of the cable .....	312
Table 151 – Specification of the standard test fiber for an optical MAU .....	312
Table 152 – Transmission rate support .....	317
Table 153 – Transmission data parameters.....	318
Table 154 – Possible slave input signals.....	320
Table 155 – Possible slave output signals.....	320
Table 156 – Valid slave output signals .....	321
Table 157 – Specifications of the clock adjustment times.....	321
Table 158 – Optical signal delay in a slave .....	321
Table 159 – Basic functions of the connection .....	322
Table 160 – Pass-through topology limits.....	330
Table 161 – T-branch topology limits .....	330
Table 162 – Terminating resistor requirements .....	330
Table 163 – Pass-through topology limits.....	334
Table 164 – T-branch topology limits .....	335
Table 165 – Terminating resistor requirements – flat cable .....	336

Table 166 – Terminating resistor requirements – round cable .....	336
Table 167 – 24 V Power supply specifications .....	337
Table 168 – 24V Power consumption specifications .....	338
Table 169 – MAU summary .....	340
Table 170 – Cable specification .....	342
Table 171 – Transmitter specification .....	344
Table 172 – Receiver specification .....	344
Table 173 – Specification of transformer .....	345
Table 174 – Device parameters .....	351
Table 175 – Transmit amplitude limits .....	354
Table 176 – Digital receiver specifications .....	356
Table 177 – High impedance device characteristics .....	358
Table 178 – Low impedance device characteristics .....	359
Table 179 – Secondary device characteristics .....	359
Table 180 – Network power supply characteristics .....	361
Table 181 – Barrier characteristics .....	362
Table 182 – Miscellaneous hardware required characteristics .....	363
Table 183 – Miscellaneous hardware recommended characteristics .....	364
Table A.1 – Internal connector dimensions .....	365
Table A.2 – Contact assignments for the external connector for harsh industrial environments .....	366
Table A.3 – Contact assignments for the external connector for typical industrial environments .....	370
Table A.4 – Fixed (device) side connector dimensions .....	370
Table A.5 – Free (cable) side connector dimensions .....	371
Table A.6 – Connector dimensions .....	372
Table B.1 – Typical cable specifications .....	373
Table B.2 – Recommended maximum spur lengths versus number of communication elements .....	374
Table C.1 – Optical passive star specification summary: example .....	375
Table D.1 – Passive star topology .....	377
Table D.2 – Active star topology .....	378
Table E.1 – Alternate fibers for dual-fiber mode .....	380
Table E.2 – Alternate fibers for single-fiber mode .....	380
Table F.1 – Connector requirements .....	381
Table F.2 – NAP connector pin definition .....	383
Table H.1 – 5 Mbit/s, voltage-mode, coaxial wire receiver output definitions .....	396
Table H.2 – Coaxial wire medium toroid specification .....	399
Table I.1 – Contact assignments for the external connector for harsh industrial environments .....	401
Table I.2 – Contact designations .....	403
Table I.3 – Contact designations .....	404
Table I.4 – Contact designations .....	404
Table K.1 – Example of a link budget calculation for 62,5/125 μm multi-mode glass fiber .....	415

Table K.2 – Example of a link budget calculation for 9/125 $\mu\text{m}$ single mode glass fiber.....	416
Table K.3 – Example of a link budget calculation for 980/1 000 $\mu\text{m}$ multi-mode plastic fiber.....	416
Table K.4 – Example of a level budget calculation for 200/230 $\mu\text{m}$ multi-mode glass fiber.....	417
Table M.1 – Pin assignment of the 9-position subminiature D connector .....	421
Table M.2 – Pin assignment of the terminal connector .....	422
Table M.3 – Type 8 fiber optic hybrid connector dimensions .....	425
Table O.1 – Transmitter specifications .....	429
Table O.2 – Receiver specifications .....	429
Table O.3 – Cable specifications (example) .....	430
Table O.4 – System data of the optical transmission line at 650 nm .....	431
Table R.1 – PhL-B cable specifications .....	441
Table R.2 – PhL-P flat cable specifications .....	442
Table R.3 – PhL-P round cable specifications – preferred .....	443
Table R.4 – PhL-P round cable specifications – alternate .....	444
Table T.1 – Device and cable parameters .....	454

Withdrawing

## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**INDUSTRIAL COMMUNICATION NETWORKS –  
FIELDBUS SPECIFICATIONS –****Part 2: Physical layer specification and service definition**

## FOREWORD

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International Standard IEC 61158-2 has been prepared by subcommittee 65C: Industrial networks, of IEC technical committee 65: Industrial-process measurement, control and automation.

This sixth edition cancels and replaces the fifth edition published in 2010. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- new Type 20 specification in 3.12, 4.1.11, 4.2.11, 5.12, Clause 34 and Annex T;
- new Type 24 specification in 3.11, 4.2.10, 5.11, 6.9, 9.12, Clause 33 and Annex S;
- Clause 17 Type 1: Medium attachment unit: radio signaling deleted due to lack of support;
- RS232 media specification for Type 4 removed, because it is not in use any more.

The text of this standard is based on the following documents:

FDIS	Report on voting
65C/758A/FDIS	65C/775/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with ISO/IEC Directives, Part 2.

NOTE Slight variances from the directives have been allowed by the IEC Central Office to provide continuity of subclause numbering with prior editions.

The list of all the parts of the IEC 61158 series, published under the general title *Industrial communication networks – Fieldbus specifications*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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