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Električni pogonski sistemi z nastavljivo hitrostjo - 7-202. del: Generični vmesnik in uporaba profilov za električne pogonske sisteme - Specifikacija za profil tipa 2

Adjustable speed electrical power drive systems - Part 7-202: Generic interface and use of profiles for power drive systems - Profile type 2 specification

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Adjustable speed electrical power drive systems -
Part 7-202: Generic interface and use of profiles for power drive
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(IEC 61800-7-202:2015)

Entraînements électriques de puissance à vitesse variable -
Partie 7-202: Interface générique et utilisation de profils
pour les entraînements électriques de puissance -
Spécification de profil de type 2
(IEC 61800-7-202:2015)

Elektrische Leistungsantriebssysteme mit einstellbarer
Drehzahl - Teil 7-202: Generisches Interface und Nutzung
von Profilen für Leistungsantriebssysteme (PDS) -
Spezifikation von Profil-Typ 2
(IEC 61800-7-202:2015)

This European Standard was approved by CENELEC on 2015-12-25. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

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European Committee for Electrotechnical Standardization
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Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 61800-7-202:2016

European foreword

The text of document 22G/308/FDIS, future edition 2 of IEC 61800-7-202, prepared by SC 22G "Adjustable speed electric drive systems incorporating semiconductor power converters" of IEC/TC 22 "Power electronic systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61800-7-202:2016.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2016-09-25
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-12-25

This document supersedes EN 61800-7-202:2008.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

The text of the International Standard IEC 61800-7-202:2015 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 61131-3	NOTE	Harmonized as EN 61131-3.
IEC 61158 Series	NOTE	Harmonized as EN 61158 Series.
IEC 61158-2:2014	NOTE	Harmonized as EN 61158-2:2014 (not modified).
IEC 61158-3-2:2014	NOTE	Harmonized as EN 61158-3-2:2014 (not modified).
IEC 61499-1:2005	NOTE	Harmonized as EN 61499-1:2005 ¹⁾ (not modified).
IEC 61784-1:2014	NOTE	Harmonized as EN 61784-1:2014 (not modified).
IEC 61784-2:2014	NOTE	Harmonized as EN 61784-2:2014 (not modified).
IEC 61800 Series	NOTE	Harmonized as EN 61800 Series.
IEC 61800-7 Series	NOTE	Harmonized as EN 61800-7 Series.
IEC 61800-7-201	NOTE	Harmonized as EN 61800-7-201.
IEC 61800-7-203	NOTE	Harmonized as EN 61800-7-203.
IEC 61800-7-204	NOTE	Harmonized as EN 61800-7-204.
IEC 61800-7-301	NOTE	Harmonized as EN 61800-7-301.
IEC 61800-7-302	NOTE	Harmonized as EN 61800-7-302.
IEC 61800-7-303	NOTE	Harmonized as EN 61800-7-303.
IEC 61800-7-304	NOTE	Harmonized as EN 61800-7-304.
IEC 62026-3	NOTE	Harmonized as EN 62026-3.

¹⁾ Superseded by EN 61499-1:2013 (IEC 61499-1:2012).

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60204-1	-	Safety of machinery - Electrical equipment of machines - Part 1: General requirements	EN 60204-1	-
IEC 61158-4-2	2014	Industrial communication networks - Fieldbus specifications - Part 4-2: Data-link layer protocol specification - Type 2 elements	EN 61158-4-2	2014
IEC 61158-5-2	2014	Industrial communication networks - Fieldbus specifications - Part 5-2: Application layer service definition - Type 2 elements	EN 61158-5-2	2014
IEC 61158-6-2	2014	Industrial communication networks - Fieldbus specifications - Part 6-2: Application layer protocol specification - Type 2 elements	EN 61158-6-2	2014
IEC 61588	2009	Precision clock synchronization protocol for networked measurement and control systems	-	-
IEC 61800-7-1	2015	Adjustable speed electrical power drive systems - Part 7-1: Generic interface and use of profiles for power drive systems - Interface definition	EN 61800-7-1	2016
IEEE Std 112	2004	IEEE Standard Test Procedure for Polyphase Induction Motors and Generators	-	-

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**Adjustable speed electrical power drive systems –
Part 7-202: Generic interface and use of profiles for power drive systems –
Profile type 2 specification**

**Entraînements électriques de puissance à vitesse variable –
Partie 7-202: Interface générique et utilisation de profils pour les entraînements
électriques de puissance – Spécification de profil de type 2**

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CONTENTS

FOREWORD.....	10
INTRODUCTION.....	12
0.1 General.....	12
0.2 Patent declaration.....	15
1 Scope.....	17
2 Normative references.....	17
3 Terms, definitions and abbreviated terms.....	17
3.1 Terms and definitions.....	17
3.2 Abbreviated terms.....	25
4 Overview.....	25
4.1 General.....	25
4.2 Control modes.....	26
4.2.1 General.....	26
4.2.2 Control methods.....	26
4.2.3 Control nomenclature.....	27
4.2.4 Position control.....	27
4.2.5 Velocity control.....	28
4.2.6 Acceleration control.....	30
4.2.7 Torque control.....	30
4.2.8 No Control.....	31
5 Data types.....	32
5.1 Data type overview.....	32
5.2 Conventions.....	32
6 CIP Motion drive profile.....	32
6.1 Object model.....	32
6.1.1 Object overview.....	32
6.1.2 Object description.....	33
6.2 How objects affect behavior.....	34
6.3 Defining object interfaces.....	34
6.4 I/O connection messages.....	35
6.4.1 General.....	35
6.4.2 CIP Motion I/O Connection.....	35
6.4.3 Controller-to-Device Connection.....	39
6.4.4 Device-to-Controller Connection.....	59
6.4.5 Fixed Motion I/O connection format.....	68
6.4.6 CIP Motion I/O Connection timing model.....	69
6.5 Device startup procedure.....	85
6.5.1 General.....	85
6.5.2 Motion I/O Connection creation.....	85
6.5.3 Motion Device Axis Object configuration.....	88
6.5.4 Time Synchronization.....	90
6.6 Device visualisation.....	92
6.7 Ethernet/IP Quality of Service (QoS).....	93
7 Motion Device Axis Object.....	93
7.1 General considerations.....	93

7.1.1	General	93
7.1.2	Revision history	93
7.1.3	Object overview	93
7.1.4	Motion Device Axis Object abstraction	94
7.1.5	Motion Control Axis Object	95
7.1.6	Device control classification	95
7.1.7	Required vs. Optional in implementation	96
7.2	Class attributes	107
7.2.1	General	107
7.2.2	Semantics	111
7.3	Instance attributes	114
7.3.1	General	114
7.3.2	Motion Control configuration attributes	116
7.3.3	Motion Scaling attributes	117
7.3.4	Connection Data attributes	123
7.3.5	Motor attributes	129
7.3.6	Feedback attributes	140
7.3.7	Event Capture attributes	149
7.3.8	Command reference generation attributes	155
7.3.9	Control mode attributes	158
7.3.10	Stopping & Braking attributes	176
7.3.11	DC Bus Control attributes	186
7.3.12	Power and thermal management attributes	190
7.3.13	Axis Status attributes	193
7.3.14	Exception, fault, and alarm attributes	199
7.3.15	Fault and alarm Log attributes	205
7.3.16	Exception limit attributes	210
7.3.17	Axis exception action configuration attribute	213
7.3.18	Initialization fault attributes	215
7.3.19	Start inhibit attributes	216
7.3.20	APR fault attributes	217
7.3.21	Axis statistical attributes	219
7.3.22	Axis info attributes	219
7.3.23	General purpose I/O attributes	220
7.3.24	Local Mode attributes	222
7.3.25	Axis Safety attributes	222
7.4	Common services	223
7.4.1	Supported services	223
7.4.2	Service specific data	224
7.5	Object specific services	226
7.5.1	Supported services	226
7.5.2	Service specific data	226
7.6	Behavior	241
7.6.1	State model	241
7.6.2	State behavior	252
7.6.3	Fault and alarm behavior	259
7.6.4	Start Inhibit behavior	261
7.6.5	Visualization behavior	261
7.6.6	Command generation behavior	266

7.6.7	Feedback interface behavior.....	271
7.6.8	Event Capture Behavior.....	273
7.6.9	Control Mode behavior.....	274
Bibliography.....		288
Figure 1	– Structure of IEC 61800-7.....	15
Figure 2	– Open loop position control.....	27
Figure 3	– Closed loop position control	28
Figure 4	– Open loop velocity control.....	29
Figure 5	– Closed loop velocity control	29
Figure 6	– Acceleration control	30
Figure 7	– Torque control.....	31
Figure 8	– No Control (Feedback Only).....	31
Figure 9	– Object Model for a CIP Motion device	33
Figure 10	– CIP Motion I/O Connection model	35
Figure 11	– CIP Motion I/O Connection channels	36
Figure 12	– Controller-to-Device Connection format (Connection Point 2).....	37
Figure 13	– Device-to-Controller Connection format (Connection Point 2).....	38
Figure 14	– CIP Motion Controller-to-Device Connection format.....	39
Figure 15	– Connection Header.....	39
Figure 16	– Connection Format.....	39
Figure 17	– Connection Header	40
Figure 18	– Instance Data Block.....	43
Figure 19	– Instance Data Header	43
Figure 20	– Cyclic Data Block.....	44
Figure 21	– Control Mode	44
Figure 22	– Feedback Mode.....	44
Figure 23	– Cyclic Write Data Block	50
Figure 24	– Cyclic Write Data Block example.....	50
Figure 25	– Event Data Block.....	51
Figure 26	– Service Data Block.....	58
Figure 27	– CIP Motion Device-to-Controller Connection format.....	59
Figure 28	– Connection Header	59
Figure 29	– Connection Header	60
Figure 30	– Node Fault/Alarm	61
Figure 31	– Adjustment of actual position data based on Device Time Stamp	62
Figure 32	– Instance Data Block	63
Figure 33	– Instance Data Header	63
Figure 34	– Cyclic Data Block	63
Figure 35	– Cyclic Read Data Block.....	65
Figure 36	– Cyclic Read Data Block example.....	65
Figure 37	– Event Data Block.....	66
Figure 38	– Service Data Block.....	68

Figure 39 – Fixed Controller-to-Device Connection format (fixed size = 16 bytes)	69
Figure 40 – Fixed Device-to-Controller Connection format (fixed size = 16 bytes)	69
Figure 41 – CIP Motion 1-Cycle timing model	70
Figure 42 – CIP Motion 2-Cycle timing model	72
Figure 43 – CIP Motion 3-Cycle timing model	73
Figure 44 – Controller-to-Device Connection timing with fine interpolation	74
Figure 45 – Controller-to-Device Connection timing with extrapolation	76
Figure 46 – Use of Time Stamp to adjust actual position to the controller's timebase	77
Figure 47 – Coordination of two drives with different Update Periods	79
Figure 48 – Coordination of multiple drive axes in case of delayed Controller-to-Device Connection packets	80
Figure 49 – Propagation of a step change in time	81
Figure 50 – Configuration Block Format Revision 1 (Connection Point 81)	86
Figure 51 – Configuration Block Format Revision 2 (Connection Point 82)	87
Figure 52 – Typical initial C-to-D connection data block	88
Figure 53 – Typical initial D-to-C connection data block	88
Figure 54 – Typical contents of first C-to-D class attribute configuration packet	88
Figure 55 – Typical response to first C-to-D class configuration packet	89
Figure 56 – Typical contents of first C-to-D axis instance configuration packet	89
Figure 57 – Typical response to first C-to-D axis configuration packet	90
Figure 58 – Typical contents of C-to-D Time Sync service request packet	90
Figure 59 – Group Sync of CIP Motion devices	91
Figure 60 – Object components for CIP Motion control architecture	94
Figure 61 – Command Control Word field	127
Figure 62 – IEEE Std 112 per phase motor model	130
Figure 63 – Event Checking Control Word field	152
Figure 64 – Event Checking Status word field	153
Figure 65 – Brake Control Sequence (Category 0 Stop)	182
Figure 66 – Brake Control Sequence (Category 1 Stop)	183
Figure 67 – Brake Control Sequence (Category 2 Stop)	184
Figure 68 – Drive Enable sequence with Proving feature	185
Figure 69 – Drive Disable sequence with Proving feature	186
Figure 70 – Get_Axis_Attributes_List Request format	227
Figure 71 – Get_Axis_Attributes_List Response format	228
Figure 72 – Get_Axis_Attributes_List Response – Single 4-byte attribute	228
Figure 73 – Get_Axis_Attributes_List Response – Single 2-byte attribute	228
Figure 74 – Get_Axis_Attributes_List Response – Byte attribute array	229
Figure 75 – Get_Axis_Attributes_List Response – Two Dimensional attribute array	229
Figure 76 – Get_Axis_Attributes_List Response – Error example	229
Figure 77 – Set_Axis_Attributes_List Request format	230
Figure 78 – Set_Axis_Attributes_List Request – Single 4-byte attribute	230
Figure 79 – Set_Axis_Attributes_List Request – Single 2-byte attribute	231
Figure 80 – Set_Axis_Attributes_List Request – 2-byte attribute array	231

Figure 81 – Set_Axis_Attributes_List Request – Two dimensional attribute array	231
Figure 82 – Set_Axis_Attributes_List Response format	231
Figure 83 – Set_Cyclic_Write_List Request format	232
Figure 84 – Set_Cyclic_Write_List Response format	232
Figure 85 – Set_Cyclic_Read_List Request format	233
Figure 86 – Set_Cyclic_Read_List Response format	233
Figure 87 – Motion Device Axis Object State Model	241
Figure 88 – Motion Device Axis Object State Model for Feedback Only	243
Figure 89 – Motion Device Axis Object State Model for Converter	244
Figure 90 – Command Generator	267
Figure 91 – Feedback Channels 1 and 2	272
Figure 92 – Event Capture Functionality	273
Figure 93 – No Control (Feedback Only)	275
Figure 94 – Closed Loop Position Control	276
Figure 95 – Closed Loop Velocity Control	278
Figure 96 – Open Loop Frequency Control	280
Figure 97 – Acceleration Control	282
Figure 98 – Torque Control	282
Figure 99 – Closed Loop Current Vector Control	286
ITh STANDARD PREVIEW (standards.iteh.ai)	
Table 1 – Data types	32
Table 2 – Objects present in a CIP Motion device	33
Table 3 – Motion Device Axis Object content by Device Type	34
Table 4 – Object effect on behavior	34
Table 5 – Object interfaces	35
Table 6 – Time Data Set	41
Table 7 – Axis Control	45
Table 8 – Control Status	45
Table 9 – Command Data Set	46
Table 10 – Command Data Element to Motion Device Axis Object attribute mapping	46
Table 11 – Actual Data Set	47
Table 12 – Actual Data Element to Motion Device Axis Object attribute Mapping	47
Table 13 – Status Data Set	48
Table 14 – Command Control	48
Table 15 – Command Target Update vs. Update Period Ratio	49
Table 16 – Basic Event Cycle	51
Table 17 – Extended Event Cycle	53
Table 18 – Basic Event Cycle with Auto-rearm	55
Table 19 – Registration Data Set	57
Table 20 – Home Data Set	58
Table 21 – Watch Data Set	58
Table 22 – Axis Response	64
Table 23 – Event Type	67

Table 24 – Propagation of a step change in time (example 1)	81
Table 25 – Propagation of a step change in time (example 2)	83
Table 26 – CIP Motion visualisation components	92
Table 27 – Motion Device Axis Object revision history	93
Table 28 – Example for instance attribute implementation vs. Device Function Code	96
Table 29 – Instance attribute implementation vs. Device Function Code	98
Table 30 – Class attributes for the Motion Device Axis Object.....	108
Table 31 – Node Control bit definitions	111
Table 32 – Node Status bit definitions.....	112
Table 33 – Node Fault Code definitions	113
Table 34 – Node Alarm Code definitions	114
Table 35 – Dynamic Units vs. Feedback Mode	116
Table 36 – Motion Control configuration attributes	116
Table 37 –Control Mode enumeration definitions.....	117
Table 38 – Control Method enumeration definitions.....	117
Table 39 – Motion Scaling attributes	118
Table 40 – Motion Unit selection rules	120
Table 41 – Signal attributes affected by Motion Polarity	121
Table 42 – Directional Limit attributes affected by Motion Polarity.....	123
Table 43 – Connection Data attributes	124
Table 44 – Actual Data Set value determination.....	126
Table 45 – Command Data Set value determination.....	127
Table 46 – Command Target Update enumeration definition.....	127
Table 47 – Command Position Data Type enumeration definition.....	128
Table 48 – Status Data Set bit definitions	128
Table 49 – Registration Event Data format.....	129
Table 50 – Home Event Data format	129
Table 51 – Watch Event Data format.....	129
Table 52 – General Motor Info attributes	130
Table 53 – General Motor Configuration attributes	131
Table 54 – General PM Motor Configuration attributes	134
Table 55 – General Rotary Motor Configuration attributes	135
Table 56 – General Linear Motor Configuration attributes	136
Table 57 – Rotary PM Motor Configuration attributes	137
Table 58 – Linear PM Motor Configuration attributes.....	137
Table 59 – Induction Motor Configuration attributes	138
Table 60 – Load Transmission and Actuator Configuration attributes	139
Table 61 – Feedback Types abbreviations	140
Table 62 – Logical Feedback Channel Control functions	140
Table 63 – Logical Feedback Channel rules.....	141
Table 64 – General Feedback Info attributes.....	142
Table 65 – General Feedback Signal attributes	142
Table 66 – Feedback Configuration attributes	143

Table 67 – Feedback Mode enumeration definitions.....	149
Table 68 – Event attributes	150
Table 69 – Event Checking Control bit definitions	152
Table 70 – Event Checking Status bit definitions.....	154
Table 71 – Command Generator Signal attributes.....	155
Table 72 – Command Generator Configuration attributes.....	157
Table 73 – Position Loop Signal attributes	159
Table 74 – Position Loop Configuration attributes	160
Table 75 – Velocity Loop Signal attributes	162
Table 76 – Velocity Loop Configuration attributes	163
Table 77 – Acceleration Signal attributes	165
Table 78 – Acceleration Configuration attributes	165
Table 79 – Torque/Force Control Signal attributes	166
Table 80 – Torque/Force Control Configuration attributes	167
Table 81 – Current Control Signal attributes	169
Table 82 – Current Control Configuration attributes	171
Table 83 – Frequency Control Signal attributes.....	175
Table 84 – Frequency Control Configuration attributes.....	175
Table 85 – Drive Output attributes	176
Table 86 – Stopping/Braking attributes.....	177
Table 87 – Stopping Action enumeration definitions.....	180
Table 88 – Proving sub-feature attribute dependencies.....	184
Table 89 – DC Bus Control attributes.....	187
Table 90 – Power and Thermal Management Status attributes.....	190
Table 91 – Power and Thermal Management Configuration attributes	192
Table 92 – Axis Status attributes	194
Table 93 – Axis Status bit definitions	195
Table 94 – Axis Status bit vs. Axis State	198
Table 95 – Stopping Action vs. Stop Category	199
Table 96 – Axis I/O Status bit definitions.....	199
Table 97 – Exception, Fault and Alarm attributes	200
Table 98 – Standard Exception Table	202
Table 99 – Fault and Alarm Log attributes.....	207
Table 100 – Exception Factory Limit Info attributes.....	210
Table 101 – Exception User Limit Configuration attributes	211
Table 102 – Axis Exception Action Configuration attribute	213
Table 103 – Axis Exception Action definitions	214
Table 104 – Initialization Fault attributes.....	216
Table 105 – Standard Initialization Fault Table	216
Table 106 – Start Inhibit attributes	217
Table 107 – Standard Start Inhibit Table	217
Table 108 – APR Fault attributes	218
Table 109 – Standard APR Fault Table	219

Table 110 – Axis Statistical attributes	219
Table 111 – Axis Info attributes.....	220
Table 112 – Drive General Purpose I/O attributes	221
Table 113 – Local Mode Configuration attributes	222
Table 114 – Axis Safety Status attributes.....	223
Table 115 – Motion Device Axis Object – Common Services.....	224
Table 116 – Group_Sync Request Data Structure	224
Table 117 – Group_Sync Response Data Structure	225
Table 118 – Motion Device Axis Object – Object Specific Services	226
Table 119 – Run_Motor_Test Request structure	234
Table 120 – Get_Motor_Test_Data measured by Test Type	235
Table 121 – Get_Motor_Test_Data Request structure (optional)	235
Table 122 – Get_Motor_Test_Data Response standard structure (Motor Type = Induction)	236
Table 123 – Get_Motor_Test_Data Response standard structure (Motor Type = SPM)	236
Table 124 – Get_Motor_Test_Data Response standard structure (Motor Type = IPM).....	237
Table 125 – Run_Inertia_Test Request structure	237
Table 126 – Get_Inertia_Test_Data Response structure	238
Table 127 – Run_Hookup_Test Request structure	239
Table 128 – Get_Hookup_Test_Data measured by Test Type	240
Table 129 – Get_Hookup_Test_Data Response structure	240
Table 130 – Axis State Machine transitions	242
Table 131 – Axis State Machine conditions	243
Table 132 – Axis State Machine transitions (Feedback Only)	244
Table 133 – Axis State Machine transitions (Converter)	245
Table 134 – Axis Control Request code	246
Table 135 – Axis Response Acknowledge codes.....	246
Table 136 – Completion criteria for requested operation	247
Table 137 – Possible error conditions for requested operation	247
Table 138 – Successful Axis Control Request Cycle	248
Table 139 – Unsuccessful Axis Control Request Cycle	248
Table 140 – Pending Axis Control Request Cycle	249
Table 141 – Cancel Request Cycle	250
Table 142 – Redefine Position Reference Cycle.....	252
Table 143 – Running State – Configurable attributes	255
Table 144 – Axis state mapping to Identity Object with LED behavior	262
Table 145 – CIP Motion Device seven-segment display behavior	263
Table 146 – CIP Motion multi-character alphanumeric display behavior	264
Table 147 – Multi-axis multi-character alphanumeric display behavior	266