
REVISION LIST

Pluto HW / SW revision list

Summary

The list is created and maintained by TÜV Rheinland in order to list the firmware versions, OS versions and hardware versions that are covered by the 01/205/5304.01/18 certificate (2TLC172005D0201).

Page 5 covers the most recent versions available.

For more information, please visit our web page <http://www.abb.com/jokabsafety>



Revision List

referred to on Certificate No.: 01/205/5304.01/18

Product Tested: Safety PLC



Type Designation	Description	HW / SW Revision	Report-No.:	Certification Status
A20 A16	Programmable Electronic Safety System with proprietary safety related CAN Bus, solid state and relay safety outputs	2.3 / OS: version 0.62 2.3 / OS: version 0.62	968/M 157.00/02	Valid
A20 B20 S20 B16	Additional variants (inputs, outputs, network) to the original version (A20, A16); Safe encoders, Function blocks for mechanical presses	7.0 / OS: version 2.2.2 / Manager: version 1.18_B 7.0 / OS: version 2.2.2 / Manager: version 1.18_B 7.0 / OS: version 2.2.2 / Manager: version 1.18_B 7.0 / OS: version 2.2.2 / Manager: version 1.18_B	968/M 157.01/05	Valid
A20 B20 S20 B16	Approval of new function blocks of the already approved Plutos (968/M 157.01/05)	7.0 / OS: version 2.4 / Manager: version 1.23 7.0 / OS: version 2.4 / Manager: version 1.23 7.0 / OS: version 2.4 / Manager: version 1.23 7.0 / OS: version 2.4 / Manager: version 1.23	968/M 157.02/06	Valid
B46-6 S46-6	Double size variants (inputs, outputs) to the original version.	1.14 / OS: version 2.6 / Manager: version 1.23 1.14 / OS: version 2.6 / Manager: version 1.23	968/M 157.04/06	Valid
A20 B20 S20 B16 B46-6 S46-6 Pluto AS-i	Additional approval according to IEC 61508, EN 62061 and EN ISO 13849-1 Additional variant to the original version with AS-i bus master and monitor functionality	7.11 / OS: version 2.8 / Manager: version 1.29 7.11 / OS: version 2.8 / Manager: version 1.29 7.11 / OS: version 2.8 / Manager: version 1.29 7.11 / OS: version 2.8 / Manager: version 1.29 1.18 / OS: version 2.8 / Manager: version 1.29 1.18 / OS: version 2.8 / Manager: version 1.29 2.10 / OS: version 2.8 / Manager: version 1.29	968/M 157.05/07	Valid
A20 B20 S20 B16 B46(-6) S46(-6) Pluto AS-i	Additional approval according to IEC 61508, EN 62061 and EN ISO 13849-1 because of change of microcontroller	7.11 / OS: version 2.10 / Manager: version 1.32 7.11 / OS: version 2.10 / Manager: version 1.32 7.11 / OS: version 2.10 / Manager: version 1.32 7.11 / OS: version 2.10 / Manager: version 1.32 2.10 / OS: version 2.10 / Manager: version 1.32 2.10 / OS: version 2.10 / Manager: version 1.32 3.5 / OS: version 2.10 / Manager: version 1.32	968/M 157.06/09	Valid

ABB AB Jokab Safety

Kanalvägen 17
183 30 Täby / Sweden

File: 01_205_5304_01_18_RL_2018_04_16.docx

TÜV Rheinland Industrie Service GmbH
Automation - Functional Safety (A-FS)
Am Grauen Stein
51105 Köln / Germany



Revision List

referred to on Certificate No.: 01/205/5304.01/18

Product Tested: Safety PLC



Type Designation	Description	HW / SW Revision	Report-No.:	Certification Status
A20, B20, S20, B16 B46(-6), S46(-6) Pluto AS-i B42 AS-i	Approval of additional variant B42 AS-i and approval of hardware and software updates to the existing variants according to IEC 61508, EN 62061 and EN ISO 13849-1	7.13 / OS: version 3.0 / Manager: version 2.10 2.12 / OS: version 3.0 / Manager: version 2.10 3.6 / OS: version 3.0 / Manager: version 2.10 1.8 / OS: version 3.0 / Manager: version 2.10	968/M 157.07/10	Valid
A20, B20,S20 A20v2, B20v2, S20v2, B22, D20 B46v2, S46v2, B42 AS-i, Pluto AS-i v2	Test report about the assessment of modifications and additions at the programmable logic controller Pluto	7.13 / OS: version 3.2 / Manager: version 2.14 8.13 / OS: version 3.2 / Manager: version 2.14 2.12 / OS: version 3.2 / Manager: version 2.14 1.8 / OS: version 3.2 / Manager: version 2.14 3.6 / OS: version 3.2 / Manager: version 2.14	968/M 157.09/12	Valid
(A20, B20, S20 *) A20v2, B20v2, S20v2, B22, D20, B46v2, S46v2 B42 AS-i Pluto AS-i v2 D45	Approval of additional variant D45 and approval of minor software updates to the existing variants according to IEC 61508, EN 62061 and EN ISO 13849-1 Additional approval according to IEC 61511-1 and EN 50156-1 of the variants which have already been qualified according to IEC 61508 Edition 2, EN 62061 and EN ISO 13849-1. (* Are substituted by v2 versions)	7.11 / OS: version 3.4 / Manager: version 2.18 8.13 / OS: version 3.4 / Manager: version 2.18 2.12 / OS: version 3.4 / Manager: version 2.18 1.9 / OS: version 3.4 / Manager: version 2.18 3.8 / OS: version 3.4 / Manager: version 2.18 1.16 & 1.20 / OS: version 3.4 / Manager: v2.18	968/ M 157.10/13	Valid



Revision List

referred to on Certificate No.: 01/205/5304.01/18

Product Tested: Safety PLC



Type Designation	Description	HW / SW Revision	Report-No.:	Certification Status
(A20, B20, S20 *)	Approval of additional variant O2 and approval of minor software updates to the existing variants according to IEC 61508, EN 62061 and EN ISO 13849-1	7.11 / OS: version 3.4.3 / Manager: version 2.20	968/ M 157.11/13	Valid
A20v2, B20v2, S20v2, B22, D20, B46v2, S46v2	Additional approval according to IEC 61511-1 and EN 50156-1 of the variants which have already been qualified according to IEC 61508 Edition 2, EN 62061 and EN ISO 13849-1.	8.13 / OS: version 3.4.3 / Manager: version 2.20		
B42 AS-i	(* Are substituted by v2 versions)	2.12 / OS: version 3.4.3 / Manager: version 2.20		
Pluto AS-i v2		1.9 / OS: version 3.4.3 / Manager: version 2.20		
D45		3.8 / OS: version 3.4.3 / Manager: version 2.20		
O2		1.16 & 1.20 / OS: version 3.4.3 / Manager: v2.20		
		1.5 / OS: version 3.4.3 / Manager: version 2.20		



Revision List

referred to on Certificate No.: 01/205/5304.01/18

Product Tested: Safety PLC



Type Designation	Description	HW / SW Revision	Report-No.:	Certification Status
(A20, B20, S20 *)	Approval of minor software updates to the existing variants according to IEC 61508, EN 62061 and EN ISO 13849-1	7.11 / OS: version 2.56.0 / Manager: version 2.24	968/ M 157.12/15	Valid
A20v2, B20v2, S20v2, B22, D20,	(* Are substituted by v2 versions)	8.13 / OS: version 3.6.0 / Manager: version 2.24		
B46v2, S46v2		2.12 / OS: version 3.6.0 / Manager: version 2.24		
B42 AS-i		1.9 / OS: version 3.6.0 / Manager: version 2.24		
Pluto AS-i v2		3.8 / OS: version 3.6.0 / Manager: version 2.24		
(B46-6, S46-6 *)		1.14 / OS: version 2.56.0 / Manager: version 2.24		
D45		1.16 & 1.20 / OS: version 3.6.0 / Manager: 2.24		
O2		1.5 / OS: version 3.6.0 / Manager: version 2.24		



Revision List

referred to on Certificate No.: 01/205/5304.01/18

Product Tested: Safety PLC



Type Designation	Description	HW / SW Revision	Report-No.:	Certification Status
(A20, B20, S20 *)	Approval of minor software updates to the existing variants according to IEC 61508, EN 62061 and EN ISO 13849-1	7.11 / OS: version 2.58.0 / Manager: version 2.36	968/ M 157.13/18	Valid
A20v2, B20v2, S20v2, B22, D20,	(* Are substituted by v2 versions)	8.13 / OS: version 3.8.0 / Manager: version 2.36		
B46v2, S46v2		2.12 / OS: version 3.8.0 / Manager: version 2.36		
B42 AS-i		1.9 / OS: version 3.8.0 / Manager: version 2.36		
Pluto AS-i v2		3.8 / OS: version 3.8.0 / Manager: version 2.36		
(B46-6, S46-6 *)		1.14 / OS: version 2.58.0 / Manager: version 2.36		
D45		2.0 / OS: version 3.8.0 / Manager: 2.36		
O2		1.6 / OS: version 3.8.0 / Manager: version 2.36		



Revision List

referred to on Certificate No.: 01/205/5304.01/18

Product Tested: Safety PLC



Document Revision:

Date	Rev.	Description / Changes	Author
2007-10-29	1.0	Initial creation for report 968/M 157.05/07.	Gan/A-SI
2009-01-28	1.1	Additional approval according to IEC 61508, EN 62061 and EN ISO 13849-1 because of change of microcontroller documented with report 968/M 157.06/09.	Dr.Ko/A-SI
2010-06-30	1.2	Approval of additional variant B42 AS-i and approval of hardware and software updates documented with report 968/M 157.07/10.	Dr.Ko/A-SI
2012-09-12	1.3	Assessment of modifications and additions at the programmable logic controller Pluto documented with report 968/M 157.09/12.	Hae/A-FS
2013-04-15	1.4	Approval of additional variant D45 and approval of minor software updates documented with report 968/ M 157.10/13.	Hae/A-FS
2013-11-07	1.5	Approval of additional variant O2 and approval of minor software updates documented with report 968/M 157.11/13.	Bo/A-FS
2015-03-26	1.6	Approval of additional variant O2 and approval of minor software updates documented with report 968/M 157.12/15.	Bo/A-FS
2018-04-16	1.7	Software updates documented with report 968/M 157.13/18 and update of certificate to 01/205/5304.01/18	Bo/A-FS