

ELSP SAFETY PRODUCTS

Product change notification

Pluto error message

PCN Details

PCN Document No.	2TLC010033J0201	Date of PCN:	2021-09-27
PCN issued by:	Elias Agrell	PCN valid as of:	2022-01-01
Product Manager:	Gustav Örnstedt	Obsolescence Date:	
R&D Manager:	Lars-Magnus Felth	Change Date:	2022-01-01
Products impacted:	All models of Pluto programmable controller: AS-i, B42, B46, S46, A20, B20, S20, B22, D20, D45, O2		
Impact on Form/Fit/Function:	<input type="checkbox"/> Form <input type="checkbox"/> Fit <input checked="" type="checkbox"/> Fctn	Impact on reliability:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N

Dear Valued Customer

The purpose of this communication is to inform you of an upcoming change to the following products. This change is part of our effort and commitment to continuous improvement of our products and our processes.

Description of Change

The change affects the time that two error messages are shown in the Pluto display, after the incident that triggered the fault has disappeared.

The error messages have been visible in the display 3 minutes after the fault has disappeared. The time will be reduced to 10 seconds in the new firmware (OS) update.

No	Fault and possible reason	Reset action (old)	Reset action (new)
Er18	CAN-bus fault	Automatic 3 min or "K" button	Automatic 10 sec or "K" button
Er47	Positive voltage on Q2 and/or Q3	Automatic 3 min	Automatic 10 sec



← Pluto display

Customer Impact of Change and Recommended Action

Customers are recommended to analyze the impact of this change in their applications. A solution in case it's critical possible to manually control the display and/or access/log error codes using System registers SR_1x in Pluto Manager. Further information is available in Pluto programming manual.

Reason for Change

The two faults are mainly triggered by an external fault which is not related to the Pluto. To reduce the time the error message is shown will increase the chance that the real root cause is investigated and corrected. In case the problem occurs in the Pluto system will the error message in most cases remain and be visible until the cause is corrected.

Product Identification

The change will be from firmware (OS) version OS 3.8.4 / 2.58.4.

2TLA020070R1100	Pluto AS-i v2 Safety-PLC AS-i bus
2TLA020070R1400	Pluto B42 AS-i, Safety-PLC AS-i bus, 42
2TLA020070R1700	Pluto B46 v2 Safety-PLC 24+16+4+2
2TLA020070R1800	Pluto S46 v2 Safety PLC 24+16+4+2 No BUS
2TLA020070R4500	Pluto A20 v2, Safety-PLC
2TLA020070R4600	Pluto B20 v2, Safety-PLC
2TLA020070R4700	Pluto S20 v2, Safety-PLC
2TLA020070R4800	Pluto B22 Safety-PLC
2TLA020070R6400	Pluto D20 Safety-PLC
2TLA020070R6600	Pluto D45 Safety-PLC
2TLA020070R6601	Pluto D45 Safety PLC, Harsh environment
2TLA020070R8500	Pluto O2

Customer acknowledgement

Customers are requested to acknowledge this notification within 10 days of its issue date. Lack of response with 30 days of PCN release will constitute an acceptance of the change.

Please contact ABB if you have any issues with this PCN or require additional information.

Customer: _____

Name: _____ Title: _____ Phone: _____

Email: _____

Customer comments: _____

Customer signature: _____ Date: _____

Date 2021-09-27

Global Product Management
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