

Technical Information	Date: 28.09.2020 Official: Muhammed Narin Department: BT-FIR/MKP1
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Tech. Information No.	2302 / 2020
Subject:	CZM 0004 A - restriction to four-wire configurations only

Short Description:	Restrictions to four-wire installation CZM 0004 A - Code compliance issues
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Hardware <input checked="" type="checkbox"/>	<input type="checkbox"/> Device	<input checked="" type="checkbox"/> Module	<input type="checkbox"/> PCBA
Software <input type="checkbox"/>	<input type="checkbox"/> Application	<input type="checkbox"/> Driver / Extension	<input type="checkbox"/> Firmware

Affected Products (details)	CTN	SAP no.	Aff. version	New version
Conventional zone module	CZM 0004 A	4.998.137.270	all	-

Number of delivered devices	Installed base not affected - Restrictions apply to future installations		
Period of delivery	from: 14.09.2020	to: tbd	
Affected serial numbers	from:	to:	

Priority Level	Criterion
I	<input type="checkbox"/> The change has to be made immediately (see dates below)
II	<input type="checkbox"/> The change has to be made during the next inspection.
III	<input checked="" type="checkbox"/> Change has to be made, if the error pattern recurs and with new installations.
None	<input type="checkbox"/> General Information (like new tool, new feature, new SW release)

Action Plan	
<input checked="" type="checkbox"/>	Inform customers
<input type="checkbox"/>	Arrange re-work of stock (CSO)
<input type="checkbox"/>	Arrange re-work of stock (customer)
<input type="checkbox"/>	Arrange re-work of installed products
<input type="checkbox"/>	See detailed actions on following pages

Start Date	28.09.2020	Completion Date	n. a.
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Error(s) and Effect(s)

Two-wire-cabling is not released for installation anymore when code compliance to EN54 is required. Conventional detectors must be installed with four-wire-cabling only.

Cause

The FPA-5000 system with CZM 0004 A will work according to EN 54 standards, if four-wire-cabling is used at CZM 0004A module. A two-wire-cabling at the module causes code compliance issues failing EN54 requirements.

Action(s)

From now on only four-wire cabling installations are possible.

Please refer to the wiring guide version 12.8 to see which products can be connected to the CZM 0004 A module.

All 2-wire conventional peripherals cannot be connected to the CZM 0004 A module anymore.

In the appendix you will find an excerpt of the wiring guide which is summarizing the 2-wire applications, which are not possible anymore.

Additional information:

Also the usage of shielded wires does not resolve the problem.

As next step it is planned that the engineering department will do a root-cause-analysis to fix the problem.

Workaround for connecting 2-wire-elements:

Until the CZM 0004 A problem is fixed the FLM-420/4-CON shall be used for 2-wire applications instead.

Required Components	Part no.

Attachment(s)

Excerpt of the wiring guide which summarizes which 2-wire-installations are not allowed anymore.

BU Manager	Uwe Ladwig	Clerk in Charge:	Michael Heckl
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Distribution

Distribution BU FIR Fire Systems	<input checked="" type="checkbox"/> Julian Tersteegen (BT-FIR/QMM), Claudia Majer (BT-FIR/QMM), Knauel Thomas (BT-FIR/MKP BT-FIR/MKT), Heckl Michael (BT-FIR/MKP3) <input checked="" type="checkbox"/> Angstenberger Josef (BT-FIR/MKR-EU) <input checked="" type="checkbox"/> Ong Kah Seong (BT-FIR/MKR-AP), Leonard Hew (BT-FIR/MKR-AP) <input checked="" type="checkbox"/> Paredes Ivan (BT/MKR-LA), Miers Christopher (BT/FIR-MKT) <input checked="" type="checkbox"/> Haug Stefan (BT-FIR/MKR-EU BT-FIR/MKA-EU) <input type="checkbox"/>
Distribution BU SC Intrusion Systems	<input type="checkbox"/> Dobson Roxanne (BT-SC/QMM2), Hupka Peter (BT-SC/PAS2-MKP5), Weissert Thorsten (BT-SC/PAS2-MKP5) <input type="checkbox"/> Kugler Gerhard (BT-SC/MKR6-EU), Berberian Alexandra (BT-SC/MKR-SEF), Gomez Arevalo Olga (BT/SEI-SCM), Malek Michal (BT-SC/MKR-SEP), van den Berg Quintin (BT-SC/MKR-SEZ), Kiselev Grigory (BT-FIR/MKR-SEO), Sonmez Onur (BT-FIR/MKR-SET), Cojocaru Laurentiu (BT-SC/MKR-SEA BT/SEA-SBD2), Riboli Stefano (BT-SC/MKR-SES), El Makhfi Otmane (BT-SC/MKR-SAN), Reuvers Willfried (BT-SC/MKR-SEB), Kuehlewind Uwe (BT-SC/MKR-SEC), Pillai Kiran (BT-SC/MKR-SEU), Karlsson Anders (BT-SC/MKR-SEN) <input type="checkbox"/> Cabral Paula (BT-SC/MKR-LA), Garms Paul (BT-SC/MKR2-NA) <input type="checkbox"/> Premo Mike (BT-SC/PAS2-ENG1), Meichelbeck Markus (BT-SC/PAS2-ENG5) <input type="checkbox"/> Schmidt Michaela (BT/MKW1) <input type="checkbox"/> Klein Alexander (BT/SC-MKI) <input type="checkbox"/>
Other parties affected	<input checked="" type="checkbox"/> Schrimpf Felix (BT-ASA/MKP BT-ASA/MKC) <input checked="" type="checkbox"/> Proyer Konrad (BT-ASA/SRA-EU BT-ASA/SRA2-EU), Dias Andre (BT-ASA/SRA-LA), Wilson Jim (BT-ASA/SRA-NA), Tan Woo Khiang (BT-ASA/SRA-AP) <input checked="" type="checkbox"/> Gill Manjit (BT-ASA/STS-UK) <input checked="" type="checkbox"/> Teleservice Support (SO/OMM1.3-MB) <input checked="" type="checkbox"/> Becker Oliver (BT-IE/PRM1), Goos Irina (BT-IE/PRM1) <input checked="" type="checkbox"/> Adelman Petra (BT-IE/EAP3) <input checked="" type="checkbox"/> Heiko Schwichtenberg (BT-IE/PRM-SF)