

CERTIFICATE OF CONSTANCY OF PERFORMANCE

UK_8535-CPR-01001

In compliance with Construction Products Regulation 2011 (retained EU law EUR 305/2011) as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020), as amended, this Certificate applies to the construction product:

CONTROL AND INDICATING EQUIPMENT WITH INTEGRATED POWER SUPPLY EQUIPMENT

Model/Type:	ESSENTIAL 2; ESSENTIAL 4;
Trade mark :	-
Other features:	see Annex (page 2)
Manufactured by:	Tyco Fire & Security GmbH Victor von Bruns-Strasse 21, 8212 Neuhausen am Rheinfall, Switzerland
In the manufacturing site:	Tyco Fire & Security Czech Republic s.r.o. Osvobození 363, Ráječko, 679 02 Rájec – Jestřebí Czech Republic

This Certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

EN 54-2:1997 + A1:2006;

EN 54-4:1997 + A1:2002 + A2:2006

under System 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the above-mentioned construction product.

This certificate was first issued on **23/04/2024** and will remain valid as long as the test methods and/or factory production control requirements, included in the designated standard used to assess the performance of the declared characteristics, do not change, and the products and the manufacturing conditions in the above site are not modified significantly.

ISSUED ON 23/04/2024

REVISION 0

CERTIFICATION MANAGER

This Certificate is issued by IMQ Certification (UK) Ltd. Approved Body Number: 8535.

This certificate is subjected to the Regulation of Assessment and Verification of Constancy of Performance of the Construction Products as Approved Body, according to Construction Products Regulation 2011 (retained EU law EUR 305/2011) as amended by the Construction Products (Amendment, etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment, etc.) (EU Exit) Regulations 2020, as amended.



ANNEX

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Model ESSENTIAL 4

Configuration:

The equipment consists of a plastic enclosure and the following parts:

- No. 1 Main/CPU board with No. 4 conventional zones;
- No. 1 Switching Power Unit trademark TYCO, model BAW50T24, rated 27.6 V – 1.8 A with No. 2 Allocable batteries rated 12 V – 3.4 Ah.

Technical Characteristics

- Maximum number of zones: 4
- Maximum number of detectors and/or manual call points: 128 (32 for each conventional zone);
- Hardware identification of the microcontroller (U3) used on the Main/CPU board: ST, STM32G070RBT6;
- Firmware identification of the microcontroller (U3) used on the Main/CPU board: 01.01.

List of optional functions with requirements (EN 54-2)

- 7.8 Output to the fire alarm device
- 7.11 Delay to outputs
- 10 Test condition

Model ESSENTIAL 2

Configuration:

As model ESSENTIAL 4 but with only 2 conventional zones, 64 detectors, and/or manual call points (32 for each conventional zone).

-end-

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