



# CERTIFICATE OF CONSTANCY OF PERFORMANCE

## 0051 – CPR – 2490

In compliance with Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation, or CPR), this Certificate applies to the construction product

### INPUT/OUTPUT DEVICE WITH INTEGRATED SHORT-CIRCUIT ISOLATOR

Trademark: **Advanced**  
Model: **20-VMDIC404-ADV**

Other information: **see ANNEX**

Produced by:  
**ADVANCED ELECTRONICS Ltd**  
The Bridges, Balliol Business Park,  
Newcastle-upon-Tyne. NE12 8EW (UK)

In the manufacturing plant:  
**PI.R0002C**

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

**EN 54-17:2005**  
**EN 54-18:2005**

under system **1** are applied and that **the product fulfills all the prescribed requirements set out above.**

This certificate was first issued on 2021-09-10 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

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ING. V. BAGGIO  
CPR TECHNICAL DIRECTOR

Milan, 2021-09-14

This Certificate was issued by IMQ S.p.A., a Notified Body according to Regulation (EU) No. 305/2011.  
IMQ S.p.A. Identification Number is: 0051.

# ANNEX

## 0051–CPR–2490

### Description

Input/output device with 4 input circuits and 4 output circuits, Type C

### Technical Characteristics

- Plastic enclosure (119 x 101 x 22,5 mm) IP30;
- Hardware identification of the microcontroller used on the main board:  
Texas Instruments, MSP430F2252;
- Firmware identification of the microcontroller used on the main board: 1.66