1. # UNIT ASSESSMENT CERTIFICATE

2. # ARTIDOR 26ATEX9999 X

3. We, Artidor Explosion Safety B.V., Emopad 38, 5663 PB Geldrop, The Netherlands, herewith declare that:

4.
Apparatus:	Explosion-safe Timer relay
Type:	AR-023
Supply:	115 / 230 V AC, 50 / 60 Hz or 12 - 24 VDC
Output:	Potential free contact 230 V AC, 16 A max. (1x)
Quantity:	1 piece
Lot No.:	AS269999

5. has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to European directive 2014/34/EU.

6. Compliance with the Essential Health and Safety Requirements for group II, category 3GD equipment has been assured by compliance with the following harmonized standards:

   - **EN 60079-0:2018**
   - **EN 60079-7:2015 / A1:2018**
   - **EN 60079-11:2012**
   - **EN 60079-18:2015 / A1:2017**
   - **EN 60079-31:2014**

7. The design and the results of the examination and tests carried out are documented in confidential technical construction file No. AS269999, held at the offices of Artidor Explosion Safety B.V.

8. If the sign “X” is placed after the certificate number, it indicates that the equipment is subject to the specific conditions for use as described in this declaration.

9. The marking of the equipment includes the following:

   II 3 G Ex ec ic mc IIC T6 Gc
   II 3 D Ex ic tc IIIC T80°C Dc

10. This certificate only relates to the examination and tests according to European directive 2014/34/EU and to the equipment of the above mentioned type, lot number and Ex marking.

11. Production is controlled by the Artidor Quality Assurance system in accordance with ISO 9001:2015 and annex VIII of European directive 2014/34/EU.

12. This certificate does not imply that the apparatus meets all statutory requirements in any particular industry or circumstance.

Example

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13. The ambient temperature allowed is -20 °C to +60 °C.

14. The AR-023 Timer relay is a multi-functional time relay that can be used to switch apparatus on or off. Seven different programs can be used to switch after or for a pre-set time period, repeat an input signal or to process the input signal (shorten or lengthen the signal). The AR-023 can be set at time interval set points varying from 1 second to 160 minutes.

    The AR-023 Timer relay consists of an aluminium housing with internal or external start button that is connected to an intrinsically safe circuit. After pushing the button the relay is switched depending on the selected program function and the output terminals are powered during a pre-set time period. Furthermore, there is a terminal present for looping through the mains. The housing is provided with Ex e cable glands.

15. **Specific conditions for use**
    The DIN rail version of the AR-023 must be installed in an Ex ec / tc certified housing

Geldrop, 1 September 2026

F. Hartman
QA Manager and EX Authorized Person

Example

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