

EU Declaration of Conformity

- **Reference No.**: **KTR-24CE-40(0)**
- **Manufacturer**: **Kun Hung Electric Co., Ltd.**
183, Hancheon-ro, Dongdaemun-gu, Seoul, 02534 Rep. of Korea
- **Product**: **Safety Door Switch**
- **Model(s)**: **KSD-a-b**
a: Contacts – A: 1NO, B: 1NC, 2B: 2NC, AB: 1NO, 1NC
b: Tongue-shaped key – H: horizontality, V: vertical, C: control
- **Ratings**: AC-15: 3 A, AC 250 V / DC-13: 0.27 A, DC 250 V
 U_i = AC 500 V, Class II, IP67

※ $MTTF_d$ = 1 388.9 years (high), calculated using B_{10d} = 100 000 cycles derived from n_{op} = 720 cycles/year with parameters of d_{op} = 240 days, h_{op} = 0.25 hours, t_{cycle} = 300 seconds in accordance with C.4.2 of ISO 13849-1:2023

※ This Safety Door Switch is suitable as an input device of a safety channel that must comply with PL_r = c or d, with parameters of category 3, DC with a score of 90% or higher, and CCF of 65 points or higher.
- **Harmonized Standard(s)**: **EN ISO 14119:2013** Safety of Machinery – Principles for design and selection
EN ISO 13849-2:2012 Annex A & D Safety of Machinery – Validation tools
EN 60204-1:2018 Electrical equipment of machines Part 1: General requirements
EN 60947-5-1:2017/AC:2020 Part 5: Control circuit devices and switching elements Electromechanical control circuit devices

KOINOX



We herewith declare that the above product complies with the appropriate basic safety and health requirements of the EU Low Voltage Directive **2014/35/EU** based on its design and type, as brought into circulation by us.

In case of alteration of the equipment, not agreed upon by us, this declaration will lose its validity. This declaration of conformity is issued under the sole responsibility of the manufacturer.

Signature: July 23, 2024

S. H., Moon / Technical Director