

CE Marking Authority



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Today

For the attention of:	Jack
Manufacturers name and address	Schmersal Industrial Switchgear (Shanghai) Co., Ltd. No. 3336 Cao Ying Road, Qingpu, Shanghai, P.R. China
Date:	18, March 2022
Subject:	UKCA Marking report on the legislative requirements detailing the effectiveness of compliance for the galvanized Iron masonry electrical boxes
Project and document number:	2203025G-GLB Rev 0
Report compiled by:	Chris Pickup

1. Introduction

- 1.1. This report is an assessment of the galvanized Iron masonry electrical boxes state of compliance based on information supplied by the manufacturer to the UKCA Statutory Instruments plus applicable standards

1.1.1. The objective of this review is to conduct a comprehensive study of the galvanized Iron masonry electrical boxes detailed in section 3 of this report based on the information provided and validate if the equipment meets the legislation detailed in section 2 of this report.

2. Applicable Directives

2.1. The Electrical Equipment (Safety) Regulations 2016 SI 2016/1101

The Electrical Equipment (Safety) Regulations 2016, as amended by the Product Safety and Metrology etc. (Amendment etc.) (EU Exit) Regulations 2019 (referred to in this document as the "2016 Regulations"). The 2016 Regulations set out the requirements that must be met before electrical equipment products can be placed on the GB market. The purpose of the legislation is to ensure safe products are placed on the GB market by requiring manufacturers to show how their products meet the principal elements of the safety objectives.

- 2.2. A list of standards that are used to demonstrate compliance with the legislation is listed in Appendix A.

3. Product Description

The Z 476E is a position switch with latching, which can be either reset remotely by reset voltage (Z..M 476E) or reset manually by reset lever (Z..R 476E). The switchgear is used in elevator technology on speed governors, doors and guardrails of access covers. In general, the remote version can be used wherever a reset from distance is necessary due to the mounting situation.

No	Model	Description	Dimension (Length x Width x Depth)
1	Z...476E... series	Remote Reset Switch	-

4. Low Voltage Dictate 2014/35 / EU

The equipment has been tested by Quandaotong (Suzhou) Testing Technologies Co Ltd see test verification of conformity report number 2203027G-001-L.

On the basis of the referenced report detailed above the products have been found to comply with the UK statutory instruments SI 2016/1101 and the dedicated standard BS EN 60947-5-1:2017 which is listed in the UK official journal and therefore there is a presumption of conformity to the legislative requirements listed in the regulations.

However, the standard has been superseded by BS EN 60947-5-1:2017 but the up-dates do not affect the product as detailed therefore the galvanized Iron masonry electrical boxes meet the new published standards without any modifications

Base on the information supplied the Remote Reset Switch can be afforded the UKCA Mark without further testing

5. Manuals

- 5.1. A review of the manual detailing safety installation instructions were found to meet the requirements of the essential health and safety requirements detailed in the electrical equipment regulations. It is therefore judged no further assessment is required to demonstrate compliance.

6. Manufacturing

- 6.1. The manufacturer is required to take all measures necessary so that the manufacturing process and its monitoring ensure compliance of the manufactured equipment with the technical documentation and with the requirements of the safety objectives listed in the legislation that applies to it.

7. Markings

- 7.1. The product does not carry any markings; as it was judged to not warrant marking on the nature of the electrical equipment. Therefore, the product information is in the installation instructions and must be supplied with every product placed on the market.

8. Declaration of Conformity

The manufacturer shall draw up a written UKCA declaration of conformity (See attached document numbers 21-0228-CP) for a product model and keep it together with the technical documentation at the disposal of the national market surveillance authorities for 10 years after the electrical equipment has been placed on the market

9. Conclusion

- 9.1. The compliance report confirms that the requirements of the Electrical Equipment (Safety) Regulations 2016 have been fully complied with.
- 9.2. If changes are made to the galvanized Iron masonry electrical boxes or parts thereof that are subject to design verification, the technical file must be updated. If the change has introduced any new hazards these will have to be clearly documented in the technical file and demonstrate how the hazards have been minimised to an

acceptable level

- 9.3. The manufacturer shall take all measures necessary so that the applied regulations are monitored to ensure compliance with the technical documentation. Any up-dates should be addressed and documented in the technical file
- 9.4. If you would like to discuss any of the points raised above, please feel free to contact me.

Approved by;



C Pickup

Appendix 'A' Standards used to demonstrate compliance

Type 'C' Standards	
EN 60947-5-1:2017	Low-voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices