

CERTIFICATE

Issued to:
Applicant:
Phoenix El-mec s.r.l.
Via Dell'Artigianato, 3
32010 Pieve D'alpago (BL), Italy

Licensee:
Phoenix El-mec s.r.l.
Via Dell'Artigianato, 3
32010 Pieve D'alpago (BL), Italy

Product : TIME SWITCHES
Trade name(s) : PHOENIX-ELMEC
Type(s)/model(s) : MS65...series

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 60730-1:2011 and EN 60730-2-7:2010
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2167272

DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration of the ENEC certification agreement and under the conditions of the ENEC certification agreement.

This certificate is issued on 23 June 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2184939.01 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R Zhou
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: TIME SWITCHES
Trade name(s)	: PHOENIX-ELMEC
Type(s)/model(s)	: MS65...series
Rated current	: 16(4) A and 0,5(0,5) A
Rated voltage	: 250 V~
Pattern nos.	: 1, 2, 6 or 6/2
Purpose of control	: motorized time switch
Temperature limits	: T85, T100
Winding insulation	: Class H material
Heat and fire resistance category	: 850 °C
Contact opening	: full disconnection (contact separation > 3,2 mm)
Frequency of operation	: 10.000 operating cycles
Type of action	: type 1A
Method of mounting control	: incorporated control
Class	: for class I appliances
Degree of protection	: IP00
Degree of pollution	: 2
Insulating material	: tracking resistant (250 V)
Terminals	: tab terminals (6,3 x 0,8 mm)
Description	: body of thermoplastic material with welded or riveted contacts
Markings	: trade name, type-designation and complete electrical ratings are shown on the body

TESTS**Test requirements**

EN 60730-1:2011

EN 60730-2-7:2010

Test result

The test results are laid down in DEKRA test file 223732200.

Additional information

The TIME SWITCHES are also found complying with following standards
IEC 60730-2-7:2015
IEC 60730-1:2010

Additional tests according to clause 30 of EN 60335-1:2012 are performed with positive results:

Resistance to heat and fire: Insulation material around connections within an area of 3,0 mm

- Glow-wire test 750 °C; no flame
- Glow-wire test 850 °C; flame, if any, extinguished within 30 seconds after removal of the glow wire

Variants within the scope of approval

1. The total runback time may vary between 60 s and 48 h, depending upon the version;
2. The control may be equipped with an optional end-of-cycle bell;
3. The control may be equipped with up to a maximum of two changeover contacts,
The contact pattern may be 1, 2, 6, or/and 6/2 per contact level;
4. The control may be fitted with an optional termina bank for connection of opposite phase conductors;
5. The control may be fitted with an end stop requiring manual arming for each cycle or no end stop
enabling the control to rotate continuously
6. In the event that the actuator button added to the control may be removed from the control without the
aid of a tool then an additional grounding spring is added;
7. The control may be equipped with a "Rast 5" terminal (5 mm pitch group connector);
8. The contact surface may be either smooth or striate;
9. The control may equip with or without buzzer.

This certificate replaces certificate No. 2184939.01 which we herewith declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory location

Phoenix El-mec s.r.l.
Via Dell'Artigianato, 3
32010 Pieve D'alpago (BL), Italy