

CERTIFICATE

Issued to:
Applicant:
**Merten GmbH - Schneider Electric GmbH c/o
Merten
Fritz-Kotz Strasse 8 Industriegebiet Bomig-West
51674 Wiehl-Bomig, Germany**

Licensee:
**Schneider Electric Industries SAS
35 rue Joseph Monier
92500 Rueil-Malmaison, France**

Product : Infra-red movement detector
Trade name(s) : MERTEN or SCHNEIDER ELECTRIC
Type(s)/model(s) : 5628, 5651, 5652, 5654 and 5656

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 60669-1:1999, EN 60669-1:1999/A1:2002, EN 60669-1:1999/A2:2008, EN 60669-2-1:2004, EN 60669-2-1:2004/A1:2009 and EN 60669-2-1:2004/A12:2010
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2142166

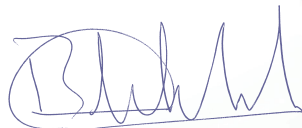
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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

This certificate is issued on 18 December 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-106451

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT
Product data

Product : Infra-red movement detector
 Trade name(s) : MERTEN or SCHNEIDER ELECTRIC
 Type(s)/model(s) : 5628, 5651, 5652, 5654 and 5656
 Pattern no. : 1
 Method of mounting : surface type
 Cover : housing of thermoplastic material
 Terminals : screwless terminals
 Degree of protection : IP55
 Markings : tradename, series-indication and electrical ratings on the housing

Product data – type 5628

Rated current : 10 AX
 Rated voltage : 230 V~
 Kind of load : incandecent lamps 2200 Watt
 halogen lamps 2000 Watt
 fluorescent lamps 1200 Watt
 iron-core transformer 500 VA
 electronic step-down converter 1050 VA
 Design : with 220° detecting angle
 Programm : ARGUS 220 Basic

Component list

| Component | Manufacturer/ Trade name | Type/Model | Approval mark ¹⁾ |
|---------------|-----------------------------|-------------------------------|-----------------------------|
| Relay | Tyco/Schrack | RTS3T024 16 A - 250 V~ | VDE |
| Capacitor C48 | arcotronics | R.46 275 V~, 100 °C, X2 | ENEC03 |
| Capacitor C48 | Camel Tek | MPX 275 V~, 100 °C, X2 | VDE |
| Capacitor C48 | Epcos | B3292# 305 V~, 105 °C, X2 | ENEC10 |
| Capacitor C48 | UTX | HQX 275 V~, 100 °C, X2 | ENEC16 |
| Capacitor C48 | Vishay | F1778-2 310 V~, 110 °C, X2 | ENEC 16 |

1) * indicates a component tested as part of the appliance

Product data – type 5651

Rated current : 16 A
 Rated voltage : 230 V~
 Kind of load : incandecent lamps 2000 Watt
 halogen lamps 1200 Watt
 fluorescent lamps 1200 Watt
 iron-core transformer 500 VA
 Design : with 110° detecting angle
 Programm : ARGUS 110 Basic

Component list

| Component | Manufacturer/ Trade name | Type/Model | Approval mark ¹⁾ |
|--------------|-----------------------------|-------------------------------------|-----------------------------|
| Relay | Tyco/Schrack | RT33L024, RTS3L024 16 A - 250 V~ | VDE |
| Relay | Eberle | 042903081000 16 A - 250 V~ | * |
| Capacitor C7 | arcotronics | R.46 275 V~, 100 °C, X2 | ENEC03 |

¹⁾ * indicates a component tested as part of the appliance

Product data – type 5652

Rated current : 16 A
 Rated voltage : 230 V~
 Kind of load : incandecent lamps 2000 Watt
 : halogen lamps 1200 Watt
 : fluorescent lamps 1200 Watt
 : iron-core transformer 500 VA
 Design : with 220° detecting angle
 Programm : ARGUS 220 Basic

Component list

| Component | Manufacturer/ Trade name | Type/Model | Approval mark ¹⁾ |
|--------------|-----------------------------|-------------------------------------|-----------------------------|
| Relay | Tyco/Schrack | RT33L024, RTS3L024 16 A - 250 V~ | VDE |
| Relay | Eberle | 042903081000 16 A - 250 V~ | * |
| Capacitor C7 | arcotronics | R.46 275 V~, 100 °C, X2 | ENEC03 |

¹⁾ * indicates a component tested as part of the appliance

Product data – type 5654

Rated current : 16 A
 Rated voltage : 230 V~
 Kind of load : incandecent lamps 2000 Watt
 : halogen lamps 1200 Watt
 : fluorescent lamps 1200 Watt
 : iron-core transformer 500 VA
 Design : with 220° detecting angle
 Programm : ARGUS 220 Connect

Component list

| Component | Manufacturer/ Trade name | Type/Model | Approval mark ¹⁾ |
|--------------|-----------------------------|-------------------------------------|-----------------------------|
| Relay | Tyco/Schrack | RT33L024, RTS3L024 16 A - 250 V~ | VDE |
| Relay | Eberle | 042903081000 16 A - 250 V~ | * |
| Capacitor C7 | arcotronics | R.46 275 V~, 100 °C, X2 | ENEC03 |

¹⁾ * indicates a component tested as part of the appliance

Product data – type 5656

| | |
|---------------|--|
| Rated current | : 16 A |
| Rated voltage | : 230 V~ |
| Kind of load | : incandescent lamps 2000 Watt halogen lamps 1200 Watt fluorescent lamps 1200 Watt iron-core transformer 500 VA |
| Design | : with 220° detecting angle |
| Programm | : ARGUS 220 Timer |

Component list

| Component | Manufacturer/ Trade name | Type/Model | Approval mark ¹⁾ |
|--------------|-----------------------------|-------------------------------------|-----------------------------|
| Relay | Tyco/Schrack | RT33L024, RTS3L024 16 A - 250 V~ | VDE |
| Relay | Eberle | 042903081000 16 A - 250 V~ | * |
| Capacitor C7 | arcotronics | R.46 275 V~, 100 °C, X2 | ENEC03 |

1) * indicates a component tested as part of the appliance

TESTS**Test requirements**

EN 60669-1:1999
EN 60669-1:1999/A1:2002
EN 60669-1:1999/A2:2008
EN 60669-2-1:2004
EN 60669-2-1:2004/A1:2009
EN 60669-2-1:2004/A12:2010

Test result

The test results are laid down in DEKRA test file 223281400.

Additional information

This certificate replaces certificate No. 2174133.01 which we herewith declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory location

Lexel Fabrika SIA
Krustpils iela 35a
1073 Riga, Latvia