

CERTIFICATE

Issued to:
Applicant:
Schneider Electric Industries SAS
35 Rue Joseph Monier
92500 Rueil-Malmaison, France

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

Product : push-button switches
Trade name(s) : MERTEN or SCHNEIDER ELECTRIC
Type(s)/model(s) : 312/- and 314/-

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(s) EN 60669-1:2018 and IEC 60669-1:2017
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2142166

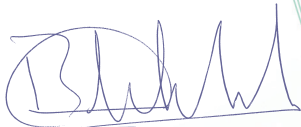
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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

This certificate is issued on 28 September 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-125526

DEKRA Certification B.V.



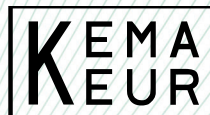
B.T.M. Holtus
Managing Director



C. Lin
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

| | |
|----------------------|--|
| Product | : push-button switches |
| Trade name(s) | : MERTEN or SCHNEIDER ELECTRIC |
| Type(s)/model(s) | : 312/- and 314/- |
| Method of mounting | : flush-type, screw- or claw- fixing |
| Cover | : plural cover plate |
| Design | : optional provided with a pilotlamp |
| Degree of protection | : IP20, IP21 or IP44 |
| Programm | : System M, System Design, System Design D-life, AQUADESIGN, Anti vandalism |
| Markings | : -tradenname, series-indication and electrical ratings on the base -tradenname and suffix for the cover on this part |

Product data – type 312/-

| | |
|---------------|-------------------|
| Pattern no. | : 1, 6 |
| Rated current | : 10 A |
| Rated voltage | : 250 V~ |
| Terminals | : screw terminals |

Product data – type 312/-

| | |
|---------------|-------------------|
| Pattern No. | : 1 |
| Rated current | : 16 A |
| Rated voltage | : 250 V~ |
| Terminals | : screw terminals |

Product data – type 314/-

| | |
|---------------|-----------------------|
| Pattern no. | : 1, 4, 6 |
| Rated current | : 10 A |
| Rated voltage | : 250 V~ |
| Terminals | : screwless terminals |

Product data – type 314/-

| | |
|---------------|-----------------------|
| Pattern No. | : 1 |
| Rated current | : 6 A |
| Rated voltage | : 250 V~ |
| Terminals | : screwless terminals |

TESTS**Test requirements**

EN 60669-1:2018
IEC 60669-1:2017

Test result

The test results are laid down in DEKRA test file 225572400, 226979900.

Additional information

This certificate is based on the VDE CB Test Certificates DE1-64150/M1 and DE1-64219/M1

This certificate replaces certificate No. 71-120678 which we hereby declare invalid.

Conclusion















The examination proved that all requirements were met.

Factory location

Merten GmbH
Fritz-Kotz-Strasse 8
51674 Wiehl-Bomig, Germany

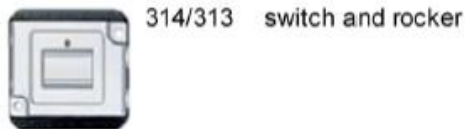
System M

material of the rocker: thermosetting plastic and thermoplastic

| | | | |
|---|---|---|---|
|  | 4331 rocker for universal/one-way/two-way, intermediate switches and neutral push |  | 4333 rocker for permanent labelling of universal/one-way/two-way, intermediate and push-button switches |
|  | 4331 rocker for 2 and 3 pole switch with marking for ON and OFF positions |  | 4335 rocker for roller-blind switches and push-button switches |
|  | 4335 rocker for double two-way switches and double push-button switches |  | 4338 rocker for control and push-button switches, with cut-out for symbols or control indicator |
|  | 4310 rocker for control and push-button switches, with cut-out for symbols or control indicator |  | 4346 rocker for control and push-button switches, with cut-out for symbols or control indicator and labelling field |
|  | 4331 rocker for universal/one-way/two-way, intermediate switches and neutral push IP 44, gasket set |  | 4338 rocker for control and push-button switches, with cut-out for symbols or control indicator, IP 44, gasket set |
|  | 3154 cover for card switch |  | 4336 Jumbo |
|  | 4375 rocker for double two-way switches and double push-button switches illuminated |  | 3420 rocker for double two-way switches and double push-button switches illuminated |
|  | 3420 rocker for double two-way switches and double push-button switches illuminated, IP44 | | |

Example: Connection of type numbers
314 (6)
4331
4841

Anti vandalism















314/313 switch and rocker

Example: Connection of type numbers
314/313
3901

System Design

material of the rocker: thermosetting plastic and thermoplastic

| | | | | | |
|---|------|--|---|------|--|
|  | 4121 | rocker for universal/one-way/two-way, intermediate switches and neutral push |  | 4123 | rocker for permanent labelling of universal/one-way/two-way, intermediate and push-button switches |
|  | 4121 | rocker for 2 and 3 pole switch with marking for ON and OFF positions |  | 4125 | rocker for roller-blind switches and push-button switches |
|  | 4125 | rocker for double two-way switches and double push-button switches |  | 4118 | rocker for control and push-button switches, with cut-out for symbols or control indicator |
|  | 4380 | rocker for control and push-button switches, with cut-out for symbols or control indicator |  | 4136 | rocker for control and push-button switches, with cut-out for symbols or control indicator and labelling field |
|  | 4121 | rocker for universal/one-way/two-way, intermediate switches and neutral push IP 44, gasket set |  | 4118 | rocker for control and push-button switches, with cut-out for symbols or control indicator, IP 44, gasket set |
|  | 3153 | cover for card switch |  | 4135 | rocker for double two-way switches and double push-button switches illuminated |

Example: Connection of type numbers

314 (6)

4121

4811

System Design D-Life







material of the rocker: thermoplastic and metal

| | | | | | |
|---|---|--|--|--|--|
|  | Thermoplast: NHA2920802 Metal: NHA2921802 | rocker for universal/one-way/two-way, intermediate switches and neutral push |  | Thermoplast: NHA5192402 Metal: NHA2921802 | rocker for permanent labelling of universal/one-way/two-way, intermediate and push-button switches |
|  | Thermoplast: NHA2920802 Metal: NHA2921802 | rocker for 2 and 3 pole switch with marking for ON and OFF positions |  | Thermoplast: NHA5192302 Metal: NHA5195802 | rocker for roller-blind switches and push-button switches |
|  | Thermoplast: NHA5192302 Metal: NHA5195802 | rocker for double two-way switches and double push-button switches |  | Thermoplast: NHA5192902 Metal: NHA5200502 | rocker for control and push-button switches, with cut-out for symbols or control indicator |
|  | Thermoplast: NHA5192702 Metal: NHA2921802 | rocker for control and push-button switches, with cut-out for symbols or control indicator |  | Thermoplast: NHA5192502 Metal: NHA5200502 | rocker for control and push-button switches, with cut-out for symbols or control indicator and labelling field |
|  | Thermoplast: NHA2920802 Metal: NHA2921802 | rocker for universal/one-way/two-way, intermediate switches and neutral push IP 44, gasket set |  | Thermoplast: NHA5192702 Metal: NHA2921802 | rocker with indicator window and marked with Bell, Light, Key or ... |
|  | Thermoplast: NHA5193002 | cover for card switch |  | Thermoplast: NHA5200602 Metal: NHA5195802 | rocker for double two-way switches and double push-button switches illuminated |
|  | Thermoplast: NHA51200602 Metal: NHA5195802 | rocker for two-circuit switch with indicator window and markings | | | |

Example: Connection of type numbers




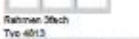











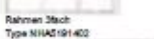










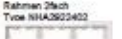
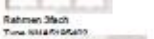









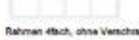



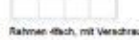




































314 (6)
NHA2920802
4811

AQUADESIGN IP44

| | | | | | |
|---|------|--|---|------|--|
|  | 3431 | rocker for universal/one-way/two-way, intermediate switches and neutral push |  | 3439 | rocker for permanent labelling of universal/one-way/two-way, intermediate and push-button switches |
|  | 3431 | rocker for 2 and 3 pole switch with marking for ON and OFF positions |  | 3438 | rocker for control and push-button switches, with cut-out for symbols or control indicator |
|  | 3435 | rocker for double two-way switches and double push-button switches |  | 3435 | rocker for roller-blind switches and push-button switches |

Example: Connection of type numbers

314 (6)
3431
4011

| System Fläche (Thermo + Durco) | | System Design (Thermo + Metall + Glas/Stein) | | | |
|---|---|--|--|---|--|
| ARTEO  Rahmen 1fach Typ 4811  Rahmen 2fach Typ 4812  Rahmen 3fach Typ 4813  Rahmen 4fach Typ 4814  Rahmen 5fach Typ 4815  Rahmen 2fach, ohne Mittelsteg Typ 4812 | Artik  Rahmen 1fach Typ 4831  Rahmen 2fach Typ 4831  Rahmen 3fach Typ 4831  Rahmen 4fach Typ 4831  Rahmen 5fach Typ 4831  Rahmen 2fach, ohne Mittelsteg Typ 4832 | D-Life  Rahmen 1fach Type NHA2920502  Rahmen 2fach Type NHA2920802  Rahmen 3fach Type NHA2191402  Rahmen 4fach Type NHA2191802  Rahmen 5fach Type NHA2920702  Rahmen 2fach, ohne Mittelsteg Type NHA2927002 | D-Life metal  Rahmen 1fach Type NHA3923102  Rahmen 2fach Type 2 x NHA3923302  Rahmen 3fach Type 2 x NHA3923502  Rahmen 4fach Type 2 x NHA3923702  Rahmen 5fach Type 2 x NHA3923902  Rahmen 2fach Type 2 x NHA3923502 3 x NHA3923502 | D-Life glass / stone  Rahmen 1fach Type NHA3922102  Rahmen 2fach Type NHA3922402  Rahmen 3fach Type NHA3922602  Rahmen 4fach Type NHA3922802  Rahmen 5fach Type NHA3922702 | |
| Renova  Glas Rahmen Typ 4010342  Plastik Rahmen Typ 4010370 | Pariser  Rahmen 1fach Typ 4001  Rahmen 2fach Typ 4002  Rahmen 3fach Typ 4003 | Aquadesign  Rahmen 1fach Typ 4011 ohne Verschraubung  Rahmen 2fach, ohne Verschraubung Typ 4012  Rahmen 3fach, ohne Verschraubung Typ 4013  Rahmen 4fach, ohne Verschraubung Typ 4014 |  Rahmen 1fach Typ 4011 mit Verschraubung  Rahmen 2fach, mit Verschraubung Typ 4012  Rahmen 3fach, mit Verschraubung Typ 4013  Rahmen 4fach, mit Verschraubung Typ 4014 | | |
| System M (Thermo + Durco) M-Plan II  Rahmen 1fach Typ 4901  Rahmen 1fach Typ 5124  Rahmen 2fach Typ 4902  Rahmen 2fach Typ 5125  Rahmen 3fach Typ 4903  Rahmen 3fach Typ 5126 M-Plan Echtholz  Rahmen 1fach Type 4951  Rahmen 2fach Type 4952  Rahmen 3fach Type 4953  Rahmen 4fach Type 4954  Rahmen 5fach Type 4955  Rahmen 2fach, ohne Mittelsteg Type 4956 | M-Plan  Rahmen 1fach Typ 4981  Rahmen 2fach Typ 4982  Rahmen 3fach Typ 4983  Rahmen 4fach Typ 4984  Rahmen 5fach Typ 4985  Rahmen 2fach, ohne Mittelsteg Typ 4986 Atelier-M  Rahmen 1fach Typ 3081  Rahmen 2fach Typ 3082  Rahmen 3fach Typ 3083  Rahmen 4fach Typ 3084  Rahmen 5fach Typ 3085  Rahmen 2fach, ohne Mittelsteg Typ 3086 | M-PLAN Metall  Rahmen 1fach Typ 4751  Rahmen 2fach Typ 4752  Rahmen 3fach Typ 4753  Rahmen 4fach Typ 4754  Rahmen 5fach Typ 4755  Rahmen 2fach, ohne Mittelsteg Typ 4756 | M-Plan Echtholz  Rahmen 1fach Typ 4981  Rahmen 2fach Typ 4982  Rahmen 3fach Typ 4983  Rahmen 4fach Typ 4984  Rahmen 5fach Typ 4985  Rahmen 2fach, ohne Mittelsteg Typ 4986 | | |

System M (Thermo + Duro)

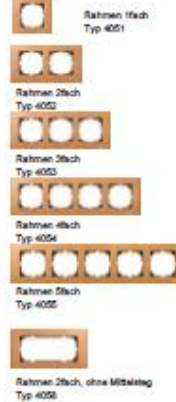
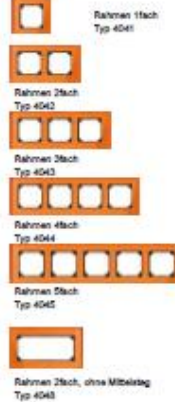
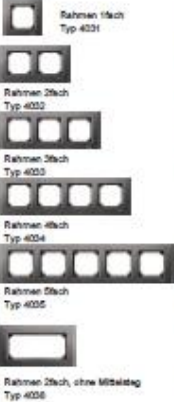
M-Smart



M



Elegance
























M-Creativ













M-Pure / M-Pure Decor



System M - Exact (Thermo)

| Basic | Design | Solid | Solid Glass | Combi |
|---|---|---|--|---|
|  Rahmen 1fach DDV4920 |  Rahmen 1fach DDV4920 |  Rahmen 1fach DDV4920 |  Rahmen 1fach S1A45091 |  Rahmen 1fach DDV4925 |
|  Rahmen 2fach DDV4921 |  Rahmen 2fach DDV4921 |  Rahmen 2fach DDV4921 |  Rahmen 2fach S1A45092 |  Rahmen 2fach DDV4926 |
|  Rahmen 3fach DDV4922 |  Rahmen 3fach DDV4921 |  Rahmen 3fach DDV4921 |  Rahmen 3fach S1A45094 |  Rahmen 3fach DDV4927 |
|  Rahmen 4fach DDV4923 | |  Rahmen 4fach DDV4926 |  Rahmen 4fach S1A45092 |  Rahmen 4fach DDV4928 |
|  Rahmen 5fach DDV4924 | | | |  Rahmen 5fach DDV4929 |

Primo

| | | | | |
|---|---|--|---|---|
|  Rahmen 1fach DDV4923 |  |  Rahmen 4fach DDV4904 |  frame 4gang IP44 with gasket DDV4923 |  Dichtung für alle IP44 Rahmen 1fach DDV4927 |
|  Rahmen 2fach DDV4924 |  |  Rahmen 6fach DDV4905 |  frame 6gang IP44 with gasket DDV4924 |  Dichtung für alle IP44 Rahmen 2fach S1A33102 |
|  Rahmen 3fach DDV4927 | |  Rahmen 3fach DDV4927 |  frame 3gang IP44 with gasket DDV4927 |  Dichtung für alle IP44 Rahmen 3gang S1A33103 |
|  Rahmen 4fach DDV4925 | | | | |
|  Rahmen 5fach DDV4928 | | | | |

| Basic | Design | Solid | Dichtung für alle IP44 Rahmen |
|--|--|--|--|
|  Rahmen 1fach IP44 mit Dichtung DDV4920 |  Rahmen 1fach IP44 mit Dichtung DDV4920 |  Rahmen 1fach IP44 mit Dichtung DDV4920 |  Dichtung für alle IP44 Rahmen 1fach DDV4927 |
|  Rahmen 2fach IP44 mit Dichtung DDV4921 |  Rahmen 2fach IP44 mit Dichtung DDV4921 |  Rahmen 2fach IP44 mit Dichtung DDV4921 |  Dichtung für alle IP44 Rahmen 2fach S1A33102 |
|  Rahmen 3fach IP44 mit Dichtung DDV4922 |  Rahmen 3fach IP44 mit Dichtung DDV4921 |  Rahmen 3fach IP44 mit Dichtung DDV4921 |  Dichtung für alle IP44 Rahmen 3gang S1A33103 |