

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 : rocker 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

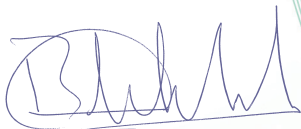
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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: 71-125525

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	: rocker 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 pilot lamp
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, 2, 5, 6, 7
Rated current	: 16 AX
Rated voltage	: 250 V~
Terminals	: screw terminals

Product data – type 314/-

Pattern no.	: 1, 2, 4, 5, 6, 7
Rated current	: 10 AX
Rated voltage	: 250 V~
Terminals	: screwless terminals

Product data – type 314/-

Pattern no.	: 1, 2, 5, 6, 7
Rated current	: 16 AX
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, DE1-64198/M1 and DE1-64219/M1

This certificate replaces certificate No. 71-120677 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

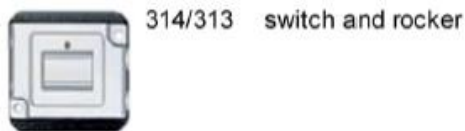
System M

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




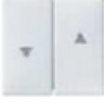










314/313 switch and rocker

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

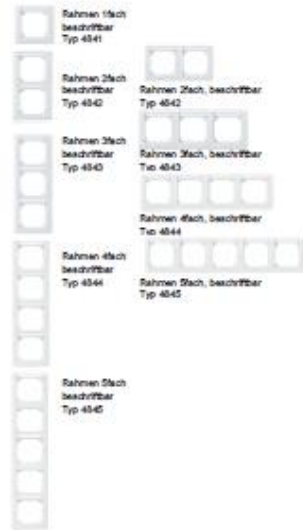
Example: Connection of type numbers

314 (6)
3431
4011

System Fläche (Thermo + Durco) 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		System Design (Thermo + Metall + Glas/Stein) 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 2 x NHA3923502  Rahmen 4fach Type 2 x NHA3923502 2 x NHA3923502  Rahmen 5fach Type 2 x NHA3923502 3 x NHA3923502		D-Life glas / stone  Rahmen 1fach Type NHA3923102  Rahmen 2fach Type NHA3923402  Rahmen 3fach Type NHA3923602  Rahmen 4fach Type NHA3923902  Rahmen 5fach Type NHA3923702	
Renova Glas Rahmen  Rahmen 1fach Type BNV26342 Plastik Rahmen  Rahmen 1fach Type r01070		Pariser  Rahmen 1fach Typ 4901  Rahmen 2fach Typ 4902  Rahmen 3fach Typ 4903		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 4011  Rahmen 3fach, mit Verschraubung Typ 4013  Rahmen 4fach, mit Verschraubung Typ 4014			
System M (Thermo + Durco) M-Plan II  Rahmen 1fach Typ 4961  Rahmen 1fach Typ 5124  Rahmen 2fach Typ 4962  Rahmen 3fach Typ 5125  Rahmen 3fach Typ 4963  Rahmen 3fach Typ 5126		M-Plan  Rahmen 1fach Typ 4961  Rahmen 2fach Typ 4962  Rahmen 3fach Typ 4963  Rahmen 4fach Typ 4964  Rahmen 5fach Typ 4965  Rahmen 2fach, ohne Mittelsteg Typ 4966		M-PLAN Metall  Rahmen 1fach beschiffbar Typ 4961  Rahmen 2fach, beschiffbar Typ 4962  Rahmen 3fach, beschiffbar Typ 4963  Rahmen 2fach beschiffbar Typ 4962  Rahmen 3fach beschiffbar Typ 4963  Rahmen 2fach, ohne Mittelsteg Typ 4758		M-Plan Echtholz  Rahmen 1fach Typ 4951  Rahmen 2fach Typ 4952  Rahmen 3fach Typ 4953  Rahmen 4fach Typ 4954  Rahmen 5fach Typ 4955  Rahmen 2fach, ohne Mittelsteg Typ 4956		Atelier-M  Rahmen 1fach Typ 3981  Rahmen 2fach Typ 3982  Rahmen 3fach Typ 3983  Rahmen 4fach Typ 3984  Rahmen 5fach Typ 3985  Rahmen 2fach, ohne Mittelsteg Typ 3986	

System M (Thermo + Duro)

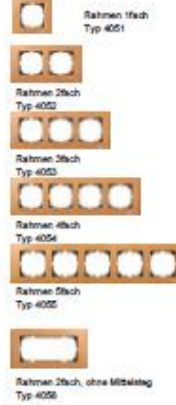
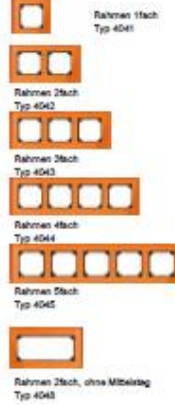
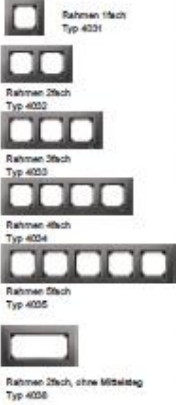
M-Smart



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 S1A33102
 Rahmen 2fach DDV4924	 Rahmen 6fach DDV4905	 frame 6gang IP44 with gasket DDV4924	 Dichtung für alle IP44 Rahmen 2fach S1A33102
 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 S1A33102
 Rahmen 2fach IP44 mit Dichtung DDV4921	 Rahmen 2fach IP44 mit Dichtung DDV4921	 Rahmen 2fach IP44 mit Dichtung DDV4921	 Dichtung für alle IP44 Rahmen 2fach S1A33103
 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