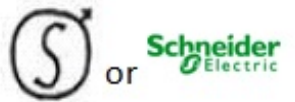


Applicant	Schneider Electric Industries SAS 35, rue Joseph Monier 92500 Rueil-Malmaison France
Manufacturer	Schneider Electric Industries SAS 35, rue Joseph Monier 92500 Rueil-Malmaison France
Factory	See next pages
Project Number	PRJ0099489
Product	Installation switch
Model/Type Ref.	S90 (2221X)
Ratings	16 AX, 250 V~, 10 A, 400 V~, IP54
Brandname / Trademark	



Principal Characteristics

Pattern No. 2, 3, 6/1
Rotary switches. Additional parts and information for S90.
Insert reference: S90
Surface mounting, with or without additional terminals.
With screw terminals. Enclosures in thermoplastic material.

Artic Surface design range is for cold (-25°C) environment.
Elko Surface IP design range is for temperatures above -5°C environments.

A sample of the product was tested and found to be in conformity with

Safety

EN 60669-1:2018

Validity

This certificate documents conformity with the standards shown, and also applies as license for use of Nemko's name and certification mark. The certificate and license is valid as long as the applicable conditions are complied with, and provided that any changes to the product are notified to Nemko for acceptance prior to implementation.

New standards or amendments to the standards may imply that the product design must be updated and/or that re-testing and re-certification is necessary.

Additional Information

See next pages

Additional model(s)

See next pages

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Product Installation switch
Variant 1
Model/Type Ref. S90
Ratings. 16 AX, 250 V~, IP20, IP21, IP44

Brandname / Trademark
(if different from page 1)

Principal Characteristics

Pattern no 1, 1T, 1K, 2, 2K, 4T, 5, 6T, 6K, 6/1, 6/1K, 6/2, 6+6, 6+6T, 7, 2+1, 1+1+1, 1+1+1T.
 Flush or surface type switches. With screw or screwless terminals. With or without signal lamp and momentary contact. IP21 when cable not in from top-side. The Robust design also tested according to EN 62262:2002.

Product Installation switch
Variant 2
Model/Type Ref. S100
Ratings. 16 AX, 250 V~, IP20, IP21, IP44

Brandname / Trademark
(if different from page 1)

Principal Characteristics

Flush or surface type switches. With screw or screwless terminals. With or without signal lamp and momentary contact. IP21 when cable not in from top-side. The Robust design also tested according to EN 62262:2002.

Product Installation switch
Variant 3
Model/Type Ref. S90
Ratings. 10 A, 400 V~, IP20, IP21, IP44

Brandname / Trademark
(if different from page 1)

Principal Characteristics

Pattern no 3. Flush or surface type switches. With screw or screwless terminals. With or without signal lamp and momentary contact. IP21 when cable not in from top-side.

Product Installation switch
Variant 4
Model/Type Ref. S100
Ratings. 10 A, 400 V~, IP20, IP21, IP44

Brandname / Trademark
(if different from page 1)

Principal Characteristics

Pattern no 3. Flush or surface type switches. With screw or screwless terminals. With or without signal lamp and momentary contact. IP21 when cable not in from top-side.

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Product Installation switch
Variant 5
Model/Type Ref. S100
Ratings. 16 AX, 250 V~, IP20, IP21
Brandname / Trademark (if different from page 1)
Principal Characteristics Pattern no 2, 2K, 4T, 5, 6/1, 6+6, 6T, 6K, 7, 2+1, 1+1+1, 6/1K, 1TSL. Surface mounted switches. With screw (only for pattern 2, 5 and 6/1) or screwless (all patterns) terminals. With or without signal lamp and momentary contact. IP21 when cable not in from top-side.

Product Installation switch
Variant 6
Model/Type Ref. S100
Ratings. 10 A, 400 V~, IP20, IP21
Brandname / Trademark (if different from page 1)
Principal Characteristics pattern no 3. Surface mounted switch. With screwless terminals. IP21 when cable not in from top-side.

Factories AS M ja P Nurst
Ümarmäe 3 Kärkla
Hiiumaa 92414
Estonia

Schneider Electric Danmark A/S
Tinvej 1-5
DK-4100 Ringstad
Denmark

Merten GmbH
An der Wipper 5-7
99706 Sondershausen
Germany

Schneider Electric Elda S.A.
ul. Bugno 1
Szczecinek PL-78.400
Poland

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Additional Information

Type (S90 2221x)	Design range	Rating	Pattern
S90 22212	Artic Surface	16AX, 250V~, IP54	2
S90 22216	Artic Surface	16AX, 250V~, IP54	6/1
S90 22213	Artic Surface	10A, 400V~, IP54	3
S90 22212	Elko Surface IP	16AX, 250V~, IP54	2
S90 22216	Elko Surface IP	16AX, 250V~, IP54	6/1

For model S90 (2221X): Factory AS M ja P Nurst only

For model S90; S100: Factory Merten GmbH, Schneider Electric Danmark A/S and Schneider Electric Elda S.A.

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Additional Information

Details regarding the different models.

Pattern	Type ref.	IP class	Installation	Design	Aesthetics
1T 1K 2 2K 3 4T 5 6T 6K 6/1 6+6 7 2+1 1+1+1	S90	IP20	Flush-type	Trend	Frame: 100520 Supporting frame: 101050 Actuating members: 101101, 101030, 101031, 101032, 101033, 101034, 101035
		IP21	Surface-type	Quick-Rot	Frame: 101051 Bottom plate: 100592 Actuating member: 101040, 101041, 101042, 101043, 101044, 101045, 101103
		IP 44	Flush-type	Aqua-Trend	Frame: 101128 Supporting frame: 101129 Actuating members: 101101, 101030, 101031, 101032, 101033, 101034, 101035 Sealing protection: 100626, 101198
			Surface-type		Frame: 101128 Supporting frame: 101129 Actuating members: 101101, 101030, 101031, 101032, 101033, 101034, 101035 Box: 101135
	S100	IP20	Flush-type	Renova	Frame: 101370 Supporting frame: EVA54656 Actuating members: EAV57394, EAV57408 Cover plate: 101353, 101354, 101355
		IP20	Flush-type	Trend	Frame: 100520 Supporting frame: 101050 Actuating members: 101101, 101030, 101031, 101032, 101033, 101034, 101035

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Pattern	Type ref.	IP class IK class	Installation	Design	Aesthetics
1T 2 4T 5 6T 6/1 6+6 7	S100	IP20 IK09	Flush Or Surface	Robust	Frames: 101600,101602,101603 Supporting frames: 101599, 101609 Actuating member: 101606, 101607, 101608,

Pattern	Type ref.	IP class	Installation	Design	Aesthetics
1T 1K 1+1+1 2 2K 2+1 3 4T 5 6T 6K 6/1 6/1K 6/2 6+6 7	S90	IP21	Surface type	Artic IP21	Cover(frame): 13750 Bottom plate: 13751 Actuating members: 13610/13614, 13611/13612, 13613/13615 Signal lamp: 21516 (13786)

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5 6/1 6/1K	S90	IP44	Surface type	Strömfors Surface IP44	Cover (frame): 13428 Bottom part: 12985 Actuating members: 13431/13432 with or without signal lens, 13433/13435 Box: 13429 Sealing IP44: 20571 (13763) Signal lamp: 21516 (13786)
1T 1K 2 2K 3 4T 5 6T 6K 6/1 6/1K 6+6 7	S90	IP44	Surface type	Aqua- Stark / Artic IP44	Covers (frames): 13752 with lens 13686 13752, red colour, with text "ÖLJYPOLIN / OLJEBÄNNARE" 13752, yellow colour, with text "KAASUPOLTIN / GASBRÄNNARE" 13752.01 Bottom part: 13429, 13429.01 Actuating member: 13755, 13761, 13762, 13794 with or without signal lens Box: 13429.1 Sealing IP44: 20571 (13763) Signal lamp: 21516 (13786)
					Combining part (sealed trunking entry): 22157 (13003) Cord anchorage (seal with tension): 22158 (13028)

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Pattern	Type ref.	IP class	Installation	Design	Aesthetics
1 1T 2 2K 3 4T 5 6T 6/1 6/1K 6/2 6+6 6+6T 7 2+1 1+1+1 1+1+1T	S100	IP20 / IP21	Flush-type	Exxact	Frames: BBV49550...4 (Basic, 1-5 way) BBV49558, BBV49584, BBV49587, BBV49585, BBV49586 (Primo, 1-5 way) BBV49562 (Primo, 1.5 way) BBV54904, BBV54905 (Primo, 2x2, 2x3 way) BBV49558, -559, , with changeable design part: -561, -562, -570, -589 BBV49575...578, -580 (with removable adapter) S1A45091 (glass, 1-1,5 way) S1A45092 (glass, 2 way, 4 way) S1A45094 (glass, 3 way) Supporting frames: BBV44522, BBV47644 Actuating members: BBV40546, BBV40549, BBV47560, BBV40554, BBV40554, BBV49116, BBV47611 Signal lamp: WDE002019 (230V), WDE02020 (24V) Claw kit: WDE002395 WDE002795 Impulse spring: WDE002027 (for push-button function)
1 1T 2 2K 3 4T 5 6T 6/1 6/1K 6/2 6+6 6+6T 7 2+1 1+1+1 1+1+1T	S100	IP21	Surface type	Exxact	Frames: BBV49550...2 (Basic, 1-3 way) BBV49558, BBV49584, BBV49561 (Primo, 1-2 way) BBV49558, BBV49559, (Design/Solid, with changeable design part) Supporting frames: BBV44522, BBV47644 Actuating members: BBV40546, BBV40549, BBV47560, BBV40554, BBV40554, BBV49116, BBV47611 IP21 surface boxes: BBV35489, BBV35509, BBV35491, BBV35508, BBV35500, BBV35513 (when cable is inserted from floor) Corner box: BBV53888 (when cable is inserted from rear or from short side) Signal lamp: WDE002019 (230V), WDE02020 (24V) Impulse spring: WDE002027 (for push-button function)

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<p>1 1T 2 2K 3 4T 5 6T 6/1 6/1K 6/2 6+6 6+6T 7 2+1 1+1+1 1+1+1T</p>	<p>S100</p>	<p>IP44</p>	<p>Flush-type</p>	<p>Exxact</p>	<p>Frames: BBV49550...2 (Basic, 1-3 way) BBV49558, BBV49584, BBV49587 (Primo, 1-3 way) BBV54904, BBV54905 (Primo, 2x2, 2x3 way) BBV49558, -559, , with changeable design part: -561, -562, -570, -589 BBV49575...578, -580 (with removable adapter) S1A45091 (glass, 1 way) S1A45092 (glass, 2 way) S1A45094 (glass, 3 way) Supporting frame: BBV44522 Actuating members: BBV40546, BBV40549, BBV40554, BBV49116, BBV47611 IP44 Gasket: BBV49557 (1-gang), S1A33102 (2-gang), S1A33103 (3-gang) Signal lamp: WDE002019 (230V), WDE02020 (24V) Claw kit: WDE002395, WDE002795 Impulse spring: WDE002027 (for push-button function)</p>
<p>1 1T 2 2K 3 4T 5 6T 6/1 6/1K 6/2 6+6 6+6T 7 2+1 1+1+1 1+1+1T</p>	<p>S100</p>	<p>IP44</p>	<p>Surface type</p>	<p>Exxact</p>	<p>Frames: BBV49550...1 (Basic, 1-2 way) BBV49558, BBV49584 (Primo, 1-2 way) BBV49558, BBV49559 (Design/Solid, with changeable design part) Supporting frames: BBV44522 Actuating members: BBV40546, BBV40549, BBV40554, BBV49116, BBV47611 IP44 surface boxes: BBV55463 (1-gang, low), BBV55464 (1-gang, high), BBV55466 (2-gang, high) Signal lamp: WDE002019 (230V), WDE02020 (24V) Impulse spring: WDE002027 (for push-button function)</p>

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Pattern	Type ref.	IP class	Installation	Design	Aesthetics
3 (3x1) 6+6 1+1+1 6+6T	S90	IP20	Flush-type	Elso Fashion Elso Riva Elso Scala	Frames: 21169.51-.55... (FASHION, 1-5 way) 21169.70-.73... (SCALA, 1-4 way) 224100-224500... (FASHION bruchfest, 1-5 way) 20412-20452... (RIVA, 1-5 way) Supporting frame: 21179.1-0:3 Actuating members: 201100-1xy, 21179.3-0:1, 21174.35xy, 21179.2xy
1+1+1 6+6 3 (3x1)	S90	IP20	Flush-type	Elso Joy	Frames: 264100-264500... (1-5 way) 264110... (1 way with lettering field) 264210-264310... (2-3 way, horizontal, with lettering fields) 264220-264320... (2-3 way, vertical, with lettering fields) Supporting frame: 361660-0-2 Actuating members: 361100xy, 361660xy, 371300xy
6+6	S90	IP20	Flush-type	Elso Novia	Frames: 21179.51-.55... (1-5 way) 21179.50... (colour ring, 1 way) Supporting frame: 21179.20-0:2 Actuating member: 21179.22xy

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Pattern	Type ref.	IP class	Installation	Design	Aesthetics
6/1 2 3 5 6+6 7 1+1+1 2+1 2K 6/1K 6T 1TSL 4T	S100	IP20 / IP21	Surface-type	Exxact	Frames: QGH9323202, PHA3284902 Bottom plate: QGH9323102 Actuating members: QGH9323302, QGH9482902, QGH9483002, QGH9483302, QGH9483102, QGH9483202 Signal lamp 230V: WDE002019
6/1 2 5 6+6 7				Renova	Frame: QGH9325902 Bottom plate: QGH9325702 Actuating members: QGH9326002/QGH9325802, QGH9483402/QGH9325802, QGH9483502/QGH9483602

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