



# CERTIFICATE FI/40049/A1

Our Ref. HEL-CERT190200076-02

**Product** Installation switch

**Type** S90, S100

**Trade mark**

**Certificate Holder** Schneider Electric Industries SAS  
35 Rue Joseph Monier, 92500, Rueil-Malmaison,  
France

**Technical information** 16AX, 10A; 250V~ 400V~; IP20, IP21, IP44;  
Pattern No. 1,1T,1K,2,2K,3,4T,5,6/1,6/1K,6+6,6+6T,6T,6K,6/2, 2+1,1+1+1,1TSL,  
1+1+1T, 7

**Other information** In detail, see appendix

**The product is certified according to the following standard(s)** EN 60669-1:1999 + A1:2002 + A2:2008

**Validity** This certificate is valid until 2021-02-13 provided that the Conditions for FI certification are met. This certificate includes the right to use the FI mark under the condition that product changes (if any) will be approved at SGS Fimko before the product is brought onto market.

**Directive information** The certified product(s) fulfils requirements of above mentioned standard(s) which are harmonised under the Low Voltage Directive (2014/35/EU) at the date of issue of the certificate.

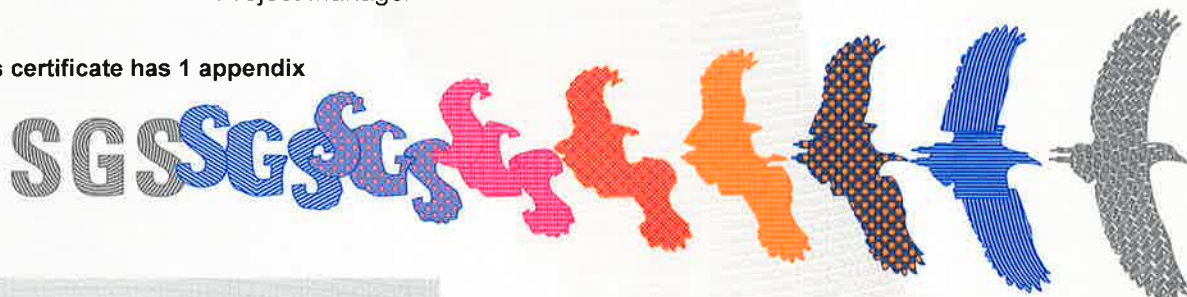
**Date of issue** 07 June 2019

**SGS Fimko Ltd**

**Signature**

Sixten Lökfors  
Project Manager

This certificate has 1 appendix



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**Manufacturer**

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

**Manufacturing sites**

1. Merten GmbH  
An der Wipper 5-7, 99706, Sondershausen, Thuringia, Germany
2. Elda-Eltra Elektrotechnika S.A  
Bugno 1, 78-400, Szczecinek, Poland
3. Schneider Electric Danmark A/S  
Tinvej 1- 5, 4100, Ringsted, Denmark

**Additional information**

The product has certificate 1810754 issued by Intertek Semko AB in accordance with the Nordic Certification Service system.



This certificate replaces previous certificate FI/40049, dated 06 February 2019, due to prolonged validity.

The original certificate FI/40049 was issued on account of combining two previous certificates and adding new surface type switch designs for the Exxact and Renova  
The validity of this certificate is limited because the products will be tested according to the latest standard version.

**As shown in the Test Report(s) No(s):** 1810754STO-001

**Additional information**

S90, S100: 250V~, 16AX, IP20, IP21, IP44  
 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

S90, S100: 400V~, 10A, IP20, IP21, IP44  
 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.

S100: 250V~, 16AX, IP20, IP21  
 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.

S100: 400V~, 10A, IP20, IP21  
 Pattern No. 3

Surface mounted switch.  
 With screwless terminals.  
 IP21 when cable not in from top-side

**Additional information**

Pattern	Type ref.	IP class	Installation	Design	Aesthetics
1T 1K 2 2K 3 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	Ranova	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
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,

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## Additional information

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)
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) Signaling 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 "ÖLYPOLIN / 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)
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), WDE002020 (24V) Claw kit: WDE002395 WDE002795 Impulse spring: WDE002027 (for push-button function)

**Additional information**

<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>	S100	IP21	Surface type	Exact	<p>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)</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>	S100	IP44	Flush-type	Exact	<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 (w/lt 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>	S100	IP44	Surface type	Exact	<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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**Additional information**

3 (3x1) 6+6 1+1+1 6+6T	S90	IP20	Flush-type	Elso Fashion Elso Rlva Elso Scale	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
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