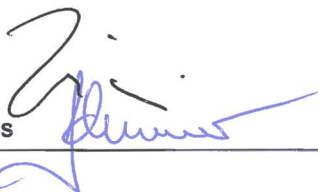
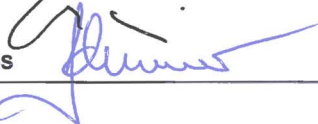




Test Report issued under the responsibility of:



TEST REPORT IEC 60669-1 Switches for household and similar fixed-electrical installations Part 1: General requirements	
Report Reference No.	T211-0435/15
Date of issue	2015-07-22
Total number of pages	137
CB Testing Laboratory	SIQ Ljubljana
Address	Tržaška cesta 2, SI-1000 Ljubljana, Slovenia
Applicant's name	ALING – CONEL d.o.o.
Address	Železnička 10, RS-21432 Gajdobra, Serbia
Test specification:	
Standard	IEC 60669-1:1998 (Third Edition) + A1:1999 + A2:2006
Test procedure	CB Scheme
Non-standard test method	N/A
Test Report Form No.	IEC60669_1D
Test Report Form(s) Originator	IMQ S.p.A.
Master TRF	Dated 2009-03
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Test item description	Flush Mounted Installation Switches (modular system)
Trade Mark	EXPERIENCE
Manufacturer	ALING – CONEL d.o.o., Železnička 10, RS-21432 Gajdobra, Serbia
Model/Type reference	art.72106 and art.72116
Ratings	10 AX; 250 V~

Testing procedure and testing location:	
<input checked="" type="checkbox"/> CB Testing Laboratory:	SIQ Ljubljana <small>Testing Laboratory is accredited by Slovenian Accreditation, Reg. No.: LP-009</small>
Testing location/ address:	Tržaška cesta 2, SI-1000 Ljubljana, Slovenia
<input type="checkbox"/> Associated CB Test Laboratory:	
Testing location/ address:	
Tested by (name + signature).....:	Tibor Kokelj 
Approved by (+ signature).....:	Gregor Schoss 
<input type="checkbox"/> Testing procedure: TMP	
Tested by (name + signature).....:	
Approved by (+ signature).....:	
Testing location/ address:	
<input type="checkbox"/> Testing procedure: WMT	
Tested by (name + signature).....:	
Witnessed by (+ signature).....:	
Approved by (+ signature).....:	
Testing location/ address:	
<input type="checkbox"/> Testing procedure: SMT	
Tested by (name + signature).....:	
Approved by (+ signature).....:	
Supervised by (+ signature).....:	
Testing location/ address:	
<input type="checkbox"/> Testing procedure: RMT	
Tested by (name + signature).....:	
Approved by (+ signature).....:	
Supervised by (+ signature).....:	
Testing location/ address:	

Summary of testing:**Tests performed (name of test and test clause):**

All applicable tests were performed.

Testing location:

SIQ Ljubljana
Tržaška cesta 2
SI-1000 Ljubljana
Slovenia

Summary of compliance with National Differences: /**Copy of marking plate (example):**

Test item particulars	Flush Mounted Installation Switches (modular system)
Pattern number	art.72106 (2), art.721116 (2)
Contact opening (gap)	normal gap
Degree of protection against access to hazardous parts and against harmful effects due to the ingress of solid foreign objects	IP2X
Degree of protection against harmful effects due to the ingress of water	IPX0
Method of actuating	rocker (art.72106) momentary contact/rocker (art.72116)
Method of application	flush-type
Method of installation	design A
Type of terminals	screw-type
Flexible cable outlet	without
Rated voltage (V)	
Rated current (A).....	
Possible test case verdicts:	
- test case does not apply to the test object : N/A	
- test object does meet the requirement..... : P (Pass)	
- test object does not meet the requirement..... : F (Fail)	
Testing :	
Date of receipt of test item : 2015-04-28	
Date (s) of performance of tests : 2015-04-28 to 2015-07-02	
General remarks:	
<p>The test results presented in this report relate only to the object tested.</p> <p>This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.</p> <p>"(see Enclosure #)" refers to additional information appended to the report.</p> <p>"(see appended table)" refers to a table appended to the report.</p> <p>Throughout this report a <u>comma</u> (point) is used as the decimal separator.</p>	

General product information:

Type references, description and list of accessories:

Switches:

Model No. / Type reference	Description
art.72106	Two pole switch, without actuating button cover
art.72116	Two pole momentary contact switch, without actuating button cover

x - button color code (0-white, 9-beige, E1-soft black, S-silver). For all switches it is possible to add pilot light which can be sold separately.

Note: art.72116 is identical in construction to art.72106 except with added spring for momentary switch action.

Packaging of switches (supplied as 10 psc), can be marked)on packaging) in addition as:

Type reference on packaging	Description
art.PP72106	Two pole switch, without actuating button cover - package 10 pcs.
art.PP72116	Two pole momentary contact switch, without actuating button cover - package 10 pcs.

List of optional pilot lights:

Type reference	Description
art.72182.x	Pilot light with conductors (light can be built into the switch body by pushing inside and connection of conductors to switch terminals)
art.72184.x	Pilot light 24V~ with conductors (light can be built into the switch body by pushing inside and connection of conductors to switch terminals)
x - LED color code (0-white, 4-red, 5-blue, 12-green)	

List of plastic covers (BASIC line):

Type reference	Description
art.70101.xx	Mounting frame cover for 1 module BASIC
art.70102.xx	Mounting frame cover for 2 modules BASIC
art.70123.xx	Mounting frame cover for 2 modules in 3 modules mounting box BASIC
art.70103.xx	Mounting frame cover for 3 modules BASIC
art.70104.xx	Mounting frame cover for 4 modules BASIC
art.70106.xx	Mounting frame cover for 6 modules BASIC
art.70107.xx	Mounting frame cover for 7 modules BASIC
art.70122.xx	Mounting frame cover for 2x2 modules horizontal BASIC
art.70132.xx	Mounting frame cover for 3x2 modules horizontal BASIC

art.70142.xx	Mounting frame cover for 2x2 modules vertical BASIC
art.70162.xx	Mounting frame cover for 3x2 modules vertical BASIC
xx - color code for holding part and cover part, respectively (0-white, E-black, S-silver)	

List of plastic covers (COLOR VIVID line):

Type reference	Description
art.70201.x	Mounting frame cover for 1 module COLOR VIVID
art.70202.x	Mounting frame cover for 2 modules COLOR VIVID
art.70223.x	Mounting frame cover for 2 modules in 3 modules mounting box COLOR VIVID
art.70203.x	Mounting frame cover for 3 modules COLOR VIVID
art.70204.x	Mounting frame cover for 4 modules COLOR VIVID
art.70206.x	Mounting frame cover for 6 modules COLOR VIVID
art.70207.x	Mounting frame cover for 7 modules COLOR VIVID
art.70222.x	Mounting frame cover for 2x2 modules horizontal COLOR VIVID
art.70232.x	Mounting frame cover for 3x2 modules horizontal COLOR VIVID
art.70242.x	Mounting frame cover for 2x2 modules vertical COLOR VIVID
art.70262.x	Mounting frame cover for 3x2 modules vertical COLOR VIVID
x - color code of cover (2-graphite, 4-red, 5-pastel blue, 7-pastel green, 9-beige, N-pastel orange, V-lavander)	

List of plastic covers (COLOR METALLIC line):

Type reference	Description
art.70301.x	Mounting frame cover for 1 module COLOR METALLIC
art.70302.x	Mounting frame cover for 2 modules COLOR METALLIC
art.70323.x	Mounting frame cover for 2 modules in 3 modules mounting box COLOR METALLIC
art.70303.x	Mounting frame cover for 3 modules COLOR METALLIC
art.70304.x	Mounting frame cover for 4 modules COLOR METALLIC
art.70306.x	Mounting frame cover for 6 modules COLOR METALLIC
art.70307.x	Mounting frame cover for 7 modules COLOR METALLIC
art.70322.x	Mounting frame cover for 2x2 modules horizontal COLOR METALLIC
art.70332.x	Mounting frame cover for 3x2 modules horizontal COLOR METALLIC

art.70342.x	Mounting frame cover for 2x2 modules vertical COLOR METALLIC
art.70362.x	Mounting frame cover for 3x2 modules vertical COLOR METALLIC
x - color code of cover (G-metallic gold, G1-metallic shine gold, G2-metallic satin gold, P-metallic blue, S1-metallic antique silver, Z-metallic green, U-metallic aluminum)	

List of plastic covers (COLOR SOFT TOUCH line)

Type reference	Description
art.70401.x	Mounting frame cover for 1 module COLOR SOFT TOUCH
art.70402.x	Mounting frame cover for 2 modules COLOR SOFT TOUCH
art.70423.x	Mounting frame cover for 2 modules in 3 modules mounting box COLOR SOFT TOUCH
art.70403.x	Mounting frame cover for 3 modules COLOR SOFT TOUCH
art.70404.x	Mounting frame cover for 4 modules COLOR SOFT TOUCH
art.70406.x	Mounting frame cover for 6 modules COLOR SOFT TOUCH
art.70407.x	Mounting frame cover for 7 modules COLOR SOFT TOUCH
art.70422.x	Mounting frame cover for 2x2 modules horizontal COLOR SOFT TOUCH
art.70432.x	Mounting frame cover for 3x2 modules horizontal COLOR SOFT TOUCH
art.70442.x	Mounting frame cover for 2x2 modules vertical COLOR SOFT TOUCH
art.70462.x	Mounting frame cover for 3x2 modules vertical COLOR SOFT TOUCH
x - color code of cover (0-blue sky, E1-soft black)	

List of wooden covers (EXCLUSIVE line):

Type reference	Description
art.70502.x	Mounting frame cover for 2 modules WOOD
art.70503.x	Mounting frame cover for 3 modules WOOD
art.70504.x	Mounting frame cover for 4 modules WOOD
art.70507.x	Mounting frame cover for 7 modules WOOD
x - color code of cover (J-maple, Y-chery, R-nut, W-wenge)	

List of glass covers (EXCLUSIVE line):

Type reference	Description
art.70602.x	Mounting frame cover for 2 modules GLASS
art.70603.x	Mounting frame cover for 3 modules GLASS
art.70604.x	Mounting frame cover for 4 modules GLASS

art.70607.x	Mounting frame cover for 7 modules GLASS
x - color code of cover (7-ocean, 0-crystal white)	

List of metal covers (EXCLUSIVE line):

Type reference	Description
art.70702.x	Mounting frame cover for 2 modules METAL
art.70703.x	Mounting frame cover for 2 modules METAL
art.70704.x	Mounting frame cover for 2 modules METAL
art.70707.x	Mounting frame cover for 2 modules METAL
x - color code of cover (G3-antique gold, Q-titanium)	

List of empty spot covers:

Type reference	Description
art.70001.x	Empty spot cover for 1 module
x - color code (0-white, 9-beige, E1-soft black, S-silver)	

List of actuator covers for one module:

Type reference	Description
art.73101.x	Actuator cover for 1 module
art.73102.x	Actuator cover for 1 module with arrow symbol
art.73104.x	Actuator cover for 1 module with amplification symbol
art.73105.x	Actuator cover for 1 module with key symbol
art.73106.x	Actuator cover for 1 module with 0-I symbol
art.73107.x	Actuator cover for 1 module with servants symbol
art.73110.x	Actuator cover for 1 module with customer designed symbol
art.73201.x	Actuator cover for 1 module with indication
art.73202.x	Actuator cover for 1 module with indication and light symbol
art.73203.x	Actuator cover for 1 module with indication and door bell symbol
art.73204.x	Actuator cover for 1 module with indication and boiler symbol
art.73205.x	Actuator cover for 1 module with indication and heater symbol
art.73206.x	Actuator cover for 1 module with indication and fan symbol

art.73207.x	Actuator cover for 1 module with indication and socket outlet symbol
art.73208.x	Actuator cover for 1 module with indication and washing machine symbol
art.73209.x	Actuator cover for 1 module with indication and shower symbol
art.73210.x	Actuator cover for 2 modules with indication and customer designed symbol

List of actuator covers for two modules:

Type reference	Description
art.73301.x	Actuator cover for 2 modules
art.73302.x	Actuator cover for 2 modules with arrow up symbol
art.73303.x	Actuator cover for 2 modules with arrow down symbol
art.73304.x	Actuator cover for 2 modules with amplification symbol
art.73305.x	Actuator cover for 2 modules with key symbol
art.73306.x	Actuator cover for 2 modules with 0-I symbol
art.73307.x	Actuator cover for 2 modules with servants symbol
art.73310.x	Actuator cover for 2 modules with customer designed symbol
art.73401.x	Actuator cover for 2 modules with indication
art.73402.x	Actuator cover for 2 modules with indication and light symbol
art.73403.x	Actuator cover for 2 modules with indication and door bell symbol
art.73404.x	Actuator cover for 2 modules with indication and boiler symbol
art.73405.x	Actuator cover for 2 modules with indication and heater symbol
art.73406.x	Actuator cover for 2 modules with indication and fan

	symbol
art.73407.x	Actuator cover for 2 modules with indication and socket outlet symbol
art.73408.x	Actuator cover for 2 modules with indication and washing machine symbol
art.73409.x	Actuator cover for 2 modules with indication and shower symbol
art.73410.x	Actuator cover for 2 modules with indication and customer designed symbol

List of mounting frames:

Type reference	Description
art.71001	Mounting frame for 1 module - hollow walls
art.71101	Mounting frame for 1 module - with clamps
art.71002	Mounting frame for 2 modules - hollow walls
art.71102	Mounting frame for 2 modules - with clamps
art.71023	Mounting frame for 2 modules in 3 modules box
art.71123	Mounting frame for 2 modules in fi60 mounting box - with clamps
art.71003	Mounting frame for 3 modules
art.71004	Mounting frame for 4 modules
art.71006	Mounting frame for 6 modules
art.71007	Mounting frame for 7 modules

List of mounting frames with LED for illumination:

Type reference	Description
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art.71303.x	Mounting frame for 3 modules
art.71304.x	Mounting frame for 4 modules
art.71306.x	Mounting frame for 6 modules
art.71307.x	Mounting frame for 7 modules
x - color code of illumination (4-red, 5-blue)	

IEC 60669-1			
Clause	Requirement + Test	Result - Remark	Verdict
8	MARKING		P
8.1	Switches marked with:		P
	- rated current (A) or rated fluorescent load (AX) or a combination of both if the two ratings are different ... :	10 AX	P
	- rated voltage (V)	250 V	P
	- symbol for nature of supply	~	P
	- manufacturer's or responsible vendor's name, trade mark or identification mark	ALING CONEL logo	P
	- type reference	art.72106, art.72116	P
	- symbol for mini-gap construction (m)		N/A
	- symbol for micro-gap construction (μ)		N/A
	- symbol for semiconductor switching device (ϵ)		N/A
	- first IP characteristic numeral, if declared higher than 2, in which case the second characteristic numeral is also marked	IP	N/A
	- second IP characteristic numeral, if declared higher than 0, in which case the first characteristic numeral is also marked	IP	N/A
	Switches with screwless terminals: marked with an indication of the suitability to accept rigid conductors only (if any)	Screw terminals	N/A
8.2	Symbols used: as required in the standard		P
	Marking for the nature of supply placed next to the marking for rated current and rated voltage		P
8.3	Marking of switches placed on the main part:		P
	- rated current, rated voltage and nature of supply		P
	- either the name, trade mark, or identification mark of the manufacturer or of the responsible vendor	ALING CONEL logo	P
	- length of insulation to be removed, if any		N/A
	- symbol for mini-gap construction, micro-gap construction or semiconductor switching device, if any		N/A
	- type reference		P
	Cover plates necessary for safety purposes and intended to be sold separately: marked with the manufacturer's or responsible vendor's name, trade mark or identification mark and type reference	Not necessary for safety purposes. Intended to be sold separately. Each cover plate marked with: type, manufacturers logo and trademark (experience)	
	IP code, when applicable, marked so as to be easily discernible when the switch is mounted and wired as in normal use		N/A
	Marking clearly visible and easily legible		P

IEC 60669-1			
Clause	Requirement + Test	Result - Remark	Verdict
	Markings are placed on parts which cannot be removed without the use of a tool		P
8.4	Terminals for phase conductors (supply conductors): identified unless method of connection is of no importance, self evident or indicated on a wiring diagram	Wiring diagram presented on each switch (see example of marking label).	P
	Indications not placed on screws or other easily removable part	Indications placed on main part	P
	Terminals associated with any one pole for switches of pattern number 2, 3, 03 and 6/2: similar identification differing from that of terminals associated with other poles		N/A
8.5	Neutral terminals: N		N/A
	Earthing terminals: [earth symbol]	No earth	N/A
	Markings not placed on screws or other easily removable parts		P
	Terminals for conductors not forming part of the main function of the switch:		N/A
	- clearly identified unless their purpose is self evident, or	Terminals on main part of switch	N/A
	- indicated in a wiring diagram fixed to the accessory		N/A
	Identification of equipment terminals may be achieved by:		N/A
	- their marking with graphical symbols according to IEC 60417 or colours and/or alphanumeric system, or		N/A
	- their physical dimension or relative location		N/A
8.6	Switches marked to indicate the switch position: they are so marked that the direction of movement of the actuating member to its different positions or the actual position is clearly indicated.....		N/A
	Switches having more than one actuating member: marking indicates the effect achieved by the operation		N/A
	Marking clearly visible on the front of the switch		N/A
	Not possible to fix cover, cover plate, or removable actuating members in an incorrect position		N/A
	Symbols for "on" and "off" not used for indication of switch positions unless clearly indicate the direction of movement of the actuating members		N/A
8.7	Red colour only for push-button to open the circuit		N/A
8.8	Special precautions necessary to take when installing the switch: details of these and clear information given in an instruction sheet which accompanies the switch		N/A
8.9	Marking durable and easily legible. Test: 15 s with water and 15 s with petroleum spirit		P

IEC 60669-1			
Clause	Requirement + Test	Result - Remark	Verdict
9	CHECKING OF DIMENSIONS		N/A
	Switches and boxes comply with the appropriate standard sheets, if any		N/A
10	PROTECTION AGAINST ELECTRIC SHOCK		P
10.1	Switches: live parts not accessible		P
	Switches designed to be fitted with pilot lights supplied at voltage other than ELV have means to prevent direct contact with the lamp		P
	Test with standard test finger shown in figure 1 of IEC 60529		P
	Switches with thermoplastic or electrometric material: additional test carried out at $35\text{ }^{\circ}\text{C} \pm 2\text{ }^{\circ}\text{C}$ with a straight unjointed test finger (75 N for 1 min)		P
	Straight unjointed test finger applied to thin-walled knock-outs with a force of 10 N	No knock-outs	N/A
	During the test: switches not deform and no live parts accessible		P
10.2	Knobs, operating levers, push buttons, rockers and the like: of insulating material, unless:		P
	- accessible metal parts separated from metal parts of mechanism by double or reinforced insulation, or	No accessible metal parts. In case of metal covers (art.70702.x, art.70703.x, art.70704.x and art.70707), distances are sufficient.	P
	- reliably connected to earth		N/A
10.3	Accessible parts of switches which a rated current $\leq 16\text{ A}$ are made of insulating material		P
10.3.1	Metal covers or cover plates protected by supplementary insulation made by insulating linings or insulating barriers		P
	Insulating linings or insulating barriers:		P
	- cannot be removed without being permanently damaged, or designed that		P
	- cannot be replaced in an incorrect position; if they are omitted, accessories are rendered inoperable or manifestly incomplete; there is no risk of accidental contact between live parts and metal covers or cover plates; precautions are taken to prevent creepage distances or clearances becoming less than the values specified in clause 23		P
10.3.2	Earthing of metal covers or cover plates: connection of low resistance		N/A
10.4	Metal parts of mechanism not insulated from live parts: not protrude from enclosure	springs	P

IEC 60669-1			
Clause	Requirement + Test	Result - Remark	Verdict
	Switches operated by means of a removable key or similar device: metal parts of mechanism insulated from live parts	No such means	N/A
10.5	Metal parts of mechanism not accessible and insulated from accessible metal parts, unless		P
	- separated from live parts (creepage distances and clearances have at least twice the value specified in clause 23), or		N/A
	- reliably connected to earth		N/A
10.6	Switches operated by means of a removable key or an intermediate part: key or an intermediate part can only touch parts insulated from live parts		N/A
	key or intermediate part: insulated from metal parts of mechanism, unless		N/A
	creepage distances and clearances between live parts and metal parts of mechanism have at least twice the values specified in clause 23		N/A
10.7	Cord-operated switches: impossible to touch live parts when fitting or replacing the pull cord		N/A
11	PROVISION FOR EARTHING		N/A
11.1	Accessible metal parts: provided with, or permanently and reliably connected to, an earthing terminal		N/A
11.2	Earthing terminals: with screw clamping or screwless terminals and comply with clause 12		N/A
	Capacity of earthing terminals not less than that of the corresponding terminals for the supply conductors		N/A
	Any additional external earthing terminal has a size suitable for conductors of at least 6 mm ² (mm ²)		N/A
11.3	Surface-type switches with an enclosure of insulating material, with IP > X0 and more than one cable inlet, are provided for the continuity of the earthing circuit with:		N/A
	- an internal fixed earthing terminal, or		N/A
	- adequate space for a floating terminal allowing the connection of an incoming and outgoing conductor		N/A
11.4	Connection between earthing terminal and accessible metal parts: of low resistance		N/A
	Test current equal to 1,5 I _n or 25 A (A)		—
	Resistance ≤ 0,05 Ω (Ω)		N/A
12	TERMINALS		P
12.1	General		P
	Switches provided with screw-type terminals or with screwless terminals	Screw terminals	P

IEC 60669-1			
Clause	Requirement + Test	Result - Remark	Verdict
	Clamping means of terminals: not serve to fix any other components		P
	All the test on terminals, with the exception of the test of 12.3 11, made after the test of 15.1		P
12.2	Terminals with screw clamping for external copper conductors		P
12.2.1	Switches provided with terminals which allows the proper connection of copper conductors as shows in table 2		P
	Rated current (A) : 10 A		—
	Type of conductor (rigid / flexible) : rigid		—
	Smallest / largest cross-sectional area (mm ²) : 1 mm ² / 2.5 mm ²		—
	Diameter of largest conductor (mm) : 2.13 mm		—
	Figure of terminal : 2		—
	Minimum diameter D (minimum dimensions) of conductor space: required (mm); measured (mm) ... : 2,0 mm / 2,72 mm		P
12.2.2	Terminals allow the conductor to be connected without special preparation		P
12.2.3	Terminals have adequate mechanical strength		P
	Screws and nut for clamping the conductors have metric ISO thread or a comparable thread		P
	Screws not of soft metal such as zinc or aluminium		P
12.2.4	Terminals resistant to corrosion		P
12.2.5	Screw-type terminals clamp the conductor(s) without undue damage	See appended table 12.2.5	P
	During the test: conductor not slip out, no break near clamping unit and no damage		P
12.2.6	Terminals clamp the conductor reliably between metal surfaces	See appended table 12.2.6	P
	During the test: conductor not move noticeably		P
12.2.7	Terminals designed or placed that the conductor cannot slip out while the clamping screws or nuts are tightened	See appended table 12.2.7	P
	After the test: no wire of the conductor escaped outside the clamping unit thus reducing creepage distances and clearances to values lower than those indicated in clause 23		P
12.2.8	Terminals not work loose from their fixing to the switch		P
	Torque test:		P
	- rated current (A) : 10 A		—
	- solid rigid copper conductor of the largest cross-sectional area (mm ²) (table 2) : 2.5 mm ²		—

IEC 60669-1			
Clause	Requirement + Test	Result - Remark	Verdict
	- torque (Nm) (table 3 or appropriate figures 1, 2, 3, 4): 0,8 Nm		—
	Screws and nuts tightened and loosened 5 times. During the test: terminals not work loose and show no damage		P
12.2.9	Clamping screws or nuts of earthing terminals: adequately locked against accidental loosening, not possible to loosen them without the aid of a tool		N/A
12.2.10	Earthing terminals: no risk of corrosion		N/A
	Body of brass or other metal no less resistant to corrosion		N/A
	If the body is a part of a frame or enclosure of aluminium alloy, precautions are taken to avoid the risk of corrosion		N/A
12.2.11	Pillar terminals: distance g no less than the value specified in figure 1: required (mm); measured (mm) :		N/A
	Mantle terminals: distance g no less than the value specified in figure 5: required (mm); measured (mm) :		N/A
12.2.12	Lug terminals:		N/A
	- used only for switches having rated current ≥ 40 A		N/A
	- fitted with spring washers or equally effective locking means		N/A
12.3	Screwless terminals for external copper conductors		N/A
12.3.1	Screwless terminals of the type suitable for:		N/A
	- for rigid copper conductors only, or		N/A
	- for both rigid and flexible copper conductors (tests carried out with rigid and then repeated with flexible conductors)		N/A
12.3.2	Screwless terminals provided with clamping units which allow the proper connection of rigid or of rigid and flexible conductors having nominal cross-sectional areas as shown in table 7		N/A
	Rated current (A):		—
	Type of conductor (rigid / flexible):		—
	Smallest / largest cross-sectional area (mm ²):		—
	Diameter of largest rigid conductor (mm):		—
	Diameter of largest flexible conductor (mm):		—
12.3.3	Screwless terminals allow the conductor to be connected without special preparation		N/A
12.3.4	Parts of screwless terminals intended for carrying current of materials as specified in 22.5		N/A
12.3.5	Screwless terminals clamp specified conductors with sufficient contact pressure without undue damage to the conductor		N/A

IEC 60669-1			
Clause	Requirement + Test	Result - Remark	Verdict
	Conductor clamped between metal surfaces		N/A
12.3.6	It is clear how the connection and disconnection of the conductors is to be made		N/A
	Disconnection of a conductor require an operation, other than a pull, so that can be made manually with or without a general-purpose tool		N/A
	It is not possible to confuse the opening for the use of a tool with the opening intended for the conductor		N/A
12.3.7	Screwless terminals intended for the interconnection of two or more conductors:		N/A
	- during insertion, operation of clamping means of one of the conductors is independent of operation of that for the other conductor(s);		N/A
	- during disconnection, conductors can be disconnected either at the same time or separately;		N/A
	- each conductor introduced in a separate clamping unit.		N/A
	It is possible clamp securely any number of conductors up to the maximum as designed. Number of conductors; Nominal cross-sectional area (mm ²)		N/A
12.3.8	Screwless terminals: adequate insertion obvious and over-insertion prevented		N/A
	Screwless terminals of switches: undue insertion of the conductor prevented by a stop if further insertion is liable to reduce creepage distances and/or clearances required in table 20 or to influence the mechanism		N/A
12.3.9	Screwless terminals properly fixed to the switch		N/A
	Not work loose when conductors are connected or disconnected		N/A
	Self-hardening resins used to fix terminals not subject to mechanical stress		N/A
12.3.10	Screwless terminals withstand mechanical stresses occurring in normal use	See appended table 12.3.10	N/A
	During application of the pull conductor not come out of the terminal		N/A
	Test with apparatus shown in figure 10	See appended table 12.3.10	N/A
	During the test conductors not move noticeably in the clamping unit		N/A
	After these tests: neither terminals nor clamping means have worked loose and conductors show no deterioration		N/A
12.3.11	Screwless terminals withstand electrical and thermal stresses occurring in normal use	See appended table 12.3.11	N/A
	After the test: inspection show no changes		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	Repetition of test according to 12.3.10: screwless terminals withstand mechanical stresses occurring in normal use	See appended table 12.3.11	N/A
	During application of the pull conductor not come out of the terminal		N/A
	Test with apparatus shown in figure 10	See appended table 12.3.11	N/A
	During the test conductors not move noticeably in the clamping unit		N/A
	After these tests: neither terminals nor clamping means have worked loose and conductors show no deterioration		N/A
12.3.12	Screwless terminals: connected rigid solid conductor remains clamped, even when deflected during normal installation	See appended table 12.3.12	N/A

13	CONSTRUCTIONAL REQUIREMENTS		P
13.1	Insulating lining, barriers and like: adequate mechanical strength and secured in a reliable manner		P
13.2	Switches constructed so as to permit:		P
	- easy introduction and connection of the conductors in the terminals;		P
	- correct positioning of the conductors		P
	- easy fixing of the switch to a wall or in a box		P
	- adequate space between underside of the base and the surface on which the base is mounted or between the sides of the base and the enclosure (cover or box)		P
	Surface-type switches: fixing means do not damage insulation of the cable		N/A
	Switches classified as design A: permit easy positioning and removal of the cover or cover plate, without displacing the conductors		P
13.3	Covers, cover-plates and actuating members or parts of them intended to ensure protection against electric shock:		N/A
	- held in place at two or more points by effective fixings		N/A
	- fixed by means of a single fixing, e.g. by a screw, provided that they are located by another means (e.g. by a shoulder)		N/A
	Fixings of covers, cover-plates or actuating members of switches of design A serves to fix the base: there is means to maintain the base in position, even after removal of the covers, cover-plates or actuating members		N/A
13.3.1	Covers, cover plates or actuating members whose fixing is of the screw-type:		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	Compliance checked by inspection only		N/A
13.3.2	Covers, cover plates or actuating members whose fixing is not dependent on screws and whose removal is obtained by applying a force in a direction approximately perpendicular to the mounting/supporting surface:		P
	Compliance checked, when their removal may give access, with the standard test finger:		P
	to live parts: by the test of 20.4 (verification of the non-removal and the removal)		P
	to non-earthed metal parts separated from live parts by creepage distances and clearances according to table 20: by the test of 20.5 (verification of the non-removal and the removal)		N/A
	only to insulating parts, or earthed metal parts, or metal parts separated from live parts by creepage distances and clearances twice those according to table 20, or live parts of SELV circuits not greater than 25 V a.c.: by the test of 20.6 (verification of the non-removal and the removal)		N/A
13.3.3	Covers, cover-plates or actuating members whose fixing is not dependent on screws and whose removal is obtained by using a tool, in accordance with the manufacturer's information given in an instruction sheet or in a catalogue:		N/A
	Compliance checked, when their removal may give access, with the standard test finger:		N/A
	to live parts: by the test of 20.4 (verification of the non-removal only)		N/A
	to non-earthed metal parts separated from live parts by creepage distances and clearances according to table 20: by the test of 20.5 (verification of the non-removal only)		N/A
	only to insulating parts, or earthed metal parts, or metal parts separated from live parts by creepage distances and clearances twice those according to table 20, or live parts of SELV circuits not greater than 25 V a.c.: by the test of 20.6 (verification of the non-removal only)		N/A
13.4	Switches: no free openings in their enclosures according to their IP classification	IP20	P
13.5	Knobs of rotary switches securely attached to the shaft or part operating the mechanism		N/A
	- axial pull test: 100 N for 1 min		N/A
	- knob of switches having only one direction of operation: turned 100 times in the reverse direction		N/A
	During the test: knob not become detached		N/A
13.6	Screws or other means for mounting the switch on a surface or in a box or enclosure: easily accessible from the front.	No screws	N/A
	Fixing means not serve any other fixing purpose		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
13.7	Combinations of switches, or of switches and socket-outlets, comprising separate bases: correct position of each base ensured	No combinations	N/A
	Fixing of each base independent of the fixing of the combination to the mounting surface		N/A
13.8	Accessories combined with switches: comply with their standard		N/A
13.9	Surface-type switches with IP > 20 are in according to their classification when fitted with conduits or with sheathed cables	Flush mounted switches	N/A
	Surface-type switches with IPX4 or IPX5 have provisions for opening a drain hole		N/A
	Switches provided with a drain hole: it is not less than 5 mm in diameter, or 20 mm ² in area with a width and a length not less than 3 mm	Ø mm / mm ²	N/A
	Drain hole: effective		N/A
	Lid springs (if any): of corrosion resistant material (bronze or stainless steel)		N/A
13.10	Switches to be installed in a box: conductor ends can be prepared after the box is mounted in position, but before the switch is fitted in the box		P
	Base have adequate stability when mounted in the box		P
13.11	Surface-type switches with IP > X0, pattern numbers 1, 5 and 6, with more than one inlet opening, provided with:		N/A
	- fixed additional terminal complying with the requirements of clause 12, or		N/A
	- adequate space for a floating terminal		N/A
13.12	Inlet openings: allow the introduction of the conduit or the sheath of the cable	No inlet openings	N/A
	Surface-type switches: intended conduit or protective covering can enter at least 1 mm into the enclosure		N/A
	Inlet openings for conduit entries of surface-type switches: capable of accepting conduit sizes of 16, 20, 25 or 32 or a combination of at least two of these sizes not excluding two of the same size		N/A
	Inlet openings for cable entries of surface-type switches: capable of accepting cables having the dimensions specified in table 12 or be as specified by the manufacturer: rated current (A); limits of external diameter of cables min/max (mm)		N/A
13.13	Surface-type switches: provision for back entry (if are intended)		N/A
13.14	Membranes or the like (if provided): replaceable	No membranes	N/A
13.15	Requirements for membranes in inlet openings		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
13.15.1	Membranes reliably fixed and not displaced by the mechanical and thermal stresses occurring in normal use		N/A
	Test on membranes subjected to the ageing treatment specified in 15.1 and fitted with the switches		N/A
	Switches placed at 40 °C for 2 h. Force of 30 N applied for 5 s by test finger. During the test: no deformation, live parts not accessible		N/A
	Membranes likely to be subjected to an axial pull: axial pull of 30 N applied for 5 s. During the test: membranes not come out		N/A
	After the test: no harmful deformation, cracks or similar damage		N/A
	Test repeated with membranes not subjected to any treatment		N/A
13.15.2	Membranes in inlet openings: introduction of the cables into the accessory permitted when the ambient temperature is low		N/A
	Test on membranes not subjected to the ageing treatment specified in 15.1 and fitted with the switches		N/A
	Switches kept at -5 °C for 2 h: possibility to introduce cables of the heaviest type through the membranes		N/A
	After the test: no harmful deformation, cracks or similar damage		N/A
13.16	Flexible cable outlet switches: flexible cable (60245 IEC 66 or 60227 IEC 53, or as specified by the manufacturer) may enter the switch through a suitable hole, groove or gland		N/A
	Maximum dimension of flexible cable having conductors specified in table 12a accepted by the entry:		N/A
	- rated current (A)		—
	- cross-sectional area (mm ²) (min 1,5 mm ²)		—
	Entry shaped to prevent damage to the flexible cable		N/A
	Flexible cable outlet switches: provided with cable anchorage		N/A
	Cable anchorage: contains the sheath, of insulating material or provided with an insulating lining fixed to the metal parts		N/A
	Cable anchorage: anchor the flexible cable securely to the switch		N/A
	Cable anchorage cannot be released from the outside		N/A
	Use of a special purpose tool not required		N/A
	Screws: not serve to fix any other component, unless		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	- switch is rendered manifestly incomplete if component omitted or replaced in an incorrect position, or		N/A
	- component cannot be removed without further use of a tool		N/A
	Pull test (30 N, 25 times): cable 60227 IEC 53, cross-sectional area 1,5 mm ² ; torque (Nm) (2/3 table 3)		N/A
	Torque test: torque 0,15 Nm for 1 min, cable not displaced > 2 mm		N/A
	Pull test (60 N, 25 times): cable 60245 IEC 66, diameter (mm) of cable; torque (Nm) (2/3 table 3) ...		N/A
	Torque test: torque 0,35 Nm for 1 min, cable not displaced > 2 mm		N/A
	Test voltage of 2000 V a.c. applied for 1 min between the conductors and the cord anchorage:		N/A
	During the test: insulation of flexible cable not damaged (no breakdown or flashover)		N/A

14	MECHANISM		P
14.1	Actuating member of a switch, when released, automatically take up the position corresponding to that of moving contacts		P
14.2	Moving contact of switches can come to rest only in "on" and "off" positions		P
	Intermediate position permissible if:		N/A
	- it corresponds to the intermediate position of the actuating member, and		N/A
	- the insulation between fixed and moving contacts is adequate. Electric strength test as specified in 16.2: test voltage a.c. for 1 min (V)	2000 V	P
14.3	No undue arcing in slowly operation		P
	Test carried out at the end of the test of clause 19.1: breaking of the circuit 10 times, actuating member moved over a period of 2 s. During the test: no sustained arcing		P
14.4	Switches of pattern numbers 2, 3, 03 and 6/2 make and break all poles substantially simultaneously		N/A
	Neutral pole of switches of pattern numbers 03 not make after or break before the other poles		N/A
14.5	Action of the mechanism: independent of the presence of cover or cover plate. Test: no flicker		P
14.6	Cord-operated switches: effecting a change by application and removal a pull not exceeding:		P
	- 45 N applied vertically, and		P

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Clause	Requirement + Test	Result - Remark	Verdict
	- 65 N applied at 45° ± 5°		P
15	RESISTANCE TO AGEING, PROTECTION PROVIDED BY ENCLOSURES OF SWITCHES, AND RESISTANCE TO HUMIDITY		P
15.1	Resistance to ageing		P
	Switches and boxes placed for 7 days (168 h) in a heating cabinet at 70 °C ± 2 °C		P
	- no crack visible after test with normal or corrected vision without additional magnification		P
	- no sticky or greasy material as a result of heat		P
	- no trace of cloth (forefinger pressed with 5 N)		P
	- no other damage as a result of heat		P
15.2	Protection provided by enclosures of switches		P
15.2.1	Protection against access to hazardous parts and against harmful effects due to ingress of solid foreign objects		P
	Enclosure of the switch provides a degree of protection against access to hazardous parts and against harmful effects due to ingress of solid foreign objects in accordance with the IP classification of the switch	IP20	P
	Glands: torque (Nm) (2/3 of torque applied in 20.3) :	-	—
	Screws of the enclosure: torque (Nm) (2/3 table 3)	-	—
15.2.1.1	Protection against access to hazardous parts		P
	Appropriate test according to IEC 60529	IP20	P
15.2.1.2	Protection against harmful effects due to ingress of solid foreign objects		P
	Appropriate test according to IEC 60529	IP20	P
	Dust not penetrate in quantity to interfere with satisfactory operation or to impair safety		P
15.2.2	Protection against harmful effects due to ingress of water		N/A
	Enclosure of switches provide a degree of protection against harmful effects due to ingress of water in accordance with their IP classification		N/A
	Appropriate test according to IEC 60529	IP20	N/A
	Flush-type and semi-flush-type switches fixed:		N/A
	- in a test wall using an appropriate box in accordance with the manufacturer's instructions		N/A
	- in a test wall according to figure 27		N/A
	Screws of the enclosure: torque (Nm) (2/3 table 3)	-	—
	Glands: torque (Nm) (2/3 of torque applied in table 19)	-	—

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Clause	Requirement + Test	Result - Remark	Verdict
	Specimens withstand an electric strength test specified in 16.2 which is started within 5 min of completion of the test		N/A
15.3	Resistance to humidity		P
	Switches proof against humidity which may occur in normal use		P
	Compliance checked by a humidity treatment carried out in a humidity cabinet containing air with relative humidity maintained between 91 % and 95 %. Specimens kept in the cabinet for:		P
	- 2 days (48 h) for switches with IPX0		P
	- 7 days (168 h) for switches with IP>X0		N/A
	After this treatment: specimens show no damage		P
16	INSULATION RESISTANCE AND ELECTRIC STRENGTH		P
16.1	The insulation resistance measured 1 min after application of 500 V d.c.	See appended table 16.1	P
16.2	Electric strength: a.c. test voltage applied for 1 min	See appended table 16.2	P
17	TEMPERATURE RISE		P
17.1	Switches so constructed that the temperature rise in normal use is not excessive	See appended table 17	P
	No oxidation or any other deterioration of contacts		P
17.2	Switches incorporating or intended to incorporate pilot lights are designed that in normal use temperature of the accessible surface is not excessive	See appended table 17	P
18	MAKING AND BREAKING CAPACITY		P
	Switches have adequate making and breaking capacity		P
	- model/type reference	art.72106, art.72116	—
	- pattern number	art.72106 (2), art.72116 (2)	—
	- rated voltage (V)	250 V	—
	- rated current (A)	10 A	—
	- nominal cross-sectional area as for the test of clause 17 (mm ²)	2,5 mm ²	—
18.1	Test with cos ϕ 0,3 alternating current		P
	- test voltage (1,1 V _n) (V)	275 V	—
	- test current (1,25 I _n) (cos ϕ 0,3) (A)	12.5 A	—
	- 200 operations; rate (operations per minute)	30	—
	- samples number	1, 2, 3	—

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Clause	Requirement + Test	Result - Remark	Verdict
	During the test: no sustained arcing		P
	After the test: specimens show no damage		P
18.2	Test with tungsten filament lamps load (switches with $I_n \leq 16 \text{ A}$ / $V_n \leq 250 \text{ V}$ and switches of pattern numbers 3 and 03 with $V_n > 250 \text{ V}$)		P
	- test voltage (V_n) (V)	250 V	—
	- test current ($\geq 1,2 I_n$) (A)	12 A	—
	- number of 200 W tungsten filament lamps	16	—
	- 200 operations; rate (operations per minute)	30	—
	- samples number	1, 2, 3	—
	During the test: no sustained arcing nor welding of the contacts		P
	After the test: specimens show no damage		P
19	NORMAL OPERATION		P
19.1	Switches withstand without excessive wear or other harmful effect, the mechanical, electrical and thermal stresses occurring in normal use		P
	- model/type reference	art.72106, art.72116	—
	- pattern number	art.72106 (2), art.72116 (2)	—
	- nominal cross-sectional area per clause 18 (mm^2)	2,5 mm^2	—
	- test voltage (V_n) (V)	250 V	—
	- test current (I_n) ($\cos \varphi 0,6$) (A)	10 A	—
	- number of operations per table 17	40 000	—
	- rate (operations per minute)	30	—
	- samples number	1, 2, 3	—
	Reduced electric strength per clause 16	See appended table 19.1	P
	Temperature rise test per clause 17 after normal operation	See appended table 19.1	P
	After the tests the specimens not show:		P
	- wear impairing their further use;		P
	- discrepancy between the position of the actuating member (if indicated) and that of the moving contacts		P
	- deterioration of enclosures, insulating lining or barriers;		P
	- seepage of sealing compound	No sealing compound	N/A
	- loosening of electrical or mechanical connections;		P
	- displacement of moving contacts of switches pattern number 2, 3, 03 or 6/2		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	No sustained arcing in slowly operation (sub-clause 14.3)		P
19.2	Switches intended for fluorescent lamp load withstand, without excessive wear or other harmful effect, the electrical and thermal stresses occurring when controlling fluorescent lamp circuits		P
	- model/type reference	art.72106	—
	- pattern number	art.72106 (2)	—
	- nominal cross-sectional area per clause 18 (mm ²)	2,5 mm ²	—
	- rate (operations per minute)	30	—
	- test voltage (Vn); test current (In) (cos φ 0,9); number of operations with load A	250 V / 10 A / 10 000	—
	- test voltage (Vn); 100 operations with load B	250 V / 100	—
	- samples number	1, 2, 3	—
	During the test: copper wire F not melt, specimens function correctly, no sustained arcing or welding of contacts		P
	Temperature rise test per clause 17 after normal operation	See appended table 19.2	P
	After the tests it is possible to make and break the switch by hand, and specimen not show:		P
	- wear impairing their further use;		P
	- discrepancy between the position of the actuating member (if indicated) and that of the moving contacts		P
	- deterioration of enclosures, insulating lining or barriers;		P
	- loosening of electrical or mechanical connections;		P
	- seepage of sealing compound	No sealing compound	N/A
	- displacement of moving contacts of switches pattern number 2, 3 or 6/2		P

20	MECHANICAL STRENGTH		P
	Switches, boxes and screwed glands have adequate mechanical strength		P
20.1	For all types of switches and for boxes: impact test (9 blows)	See appended table 20.1	P
	After the test: no damage, live parts no become accessible		P
20.2	Bases of surface-type switches first fixed to a cylinder of rigid steel sheet of radius equal to 4,5 times the distance between fixing holes (mm)	Flush type	N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	Bases then fixed to a flat steel sheet		N/A
	Torque applied to fixing screws (Nm) : 0,5 Nm / 1,2 Nm		—
	During and after the test: bases show no damage		N/A
20.3	Screwed glands of switches with that have IP code higher than IP20: torque test		N/A
	- diameter of cylindrical metal test rod (mm) : -		—
	- type of material : metal / moulded material		—
	- torque for 1 min (table 19) (Nm) : -		—
	After the test: no damage of glands and enclosure of the specimens		N/A
20.4	Force necessary for covers, cover-plates or actuating members to come off or not to come off (accessibility with the test finger to live parts)		P
20.4.1	Verification of the non-removal of covers, cover-plates or actuating member		P
	Force applied for 1 min in direction perpendicular to the mounting surface : 40 N / 80 N		—
	Covers, cover-plates or actuating members not come off	Actuating member firmly fixed within switch. Not possible to remove without use of tool	P
	Test repeated on new specimens with a sheet of hard material, 1 mm \pm 0,1 mm thick, fitted around the supporting frame (fig. 19)		P
	Covers, cover-plates or actuating members not come off		P
	After the test: no damage		P
20.4.2	Verification of the removal of covers, cover-plates or actuating members		N/A
	Force not exceeding 120 N applied 10 times in direction perpendicular to the mounting / supporting surface: covers, cover-plates or actuating members come off		N/A
	Test repeated on new specimens with a sheet of hard material, 1 mm \pm 0,1 mm thick, fitted around the supporting frame (fig. 19)		N/A
	Covers, cover-plates or actuating members come off		N/A
	After the test: no damage		N/A
20.5	Force necessary for covers, cover-plates or actuating members to come off or not to come off (accessibility with the test finger to non-earthed metal parts separated from live parts by creepage distances and clearances according to table 20)		N/A
20.4.1	Verification of the non-removal of covers, cover-plates or actuating members		N/A
	Force applied for 1 min in direction perpendicular to the mounting surface : 10 N / 20 N		—
	Covers or cover-plates not come off		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	Test repeated on new specimens with a sheet of hard material, 1 mm \pm 0,1 mm thick, fitted around the supporting frame (fig. 19)		N/A
	Covers, cover-plates or actuating members not come off		N/A
	After the test: no damage		N/A
20.4.2	Verification of the removal of covers, cover-plates or actuating members		N/A
	Force not exceeding 120 N applied 10 times in direction perpendicular to the mounting / supporting surface: covers, cover-plates or actuating members come off		N/A
	Test repeated on new specimens with a sheet of hard material, 1 mm \pm 0,1 mm thick, fitted around the supporting frame (fig. 19)		N/A
	Covers, cover-plates or actuating members come off		N/A
	After the test: no damage		N/A
20.6	Force necessary for covers, cover-plates or actuating members to come off or not to come off (accessibility to insulating parts, earthed metal parts, live parts of SELV \leq 25 V a.c. or metal parts separated from live parts by creepage distances twice those according to table 20)		N/A
20.4.1	Verification of the non-removal of covers, cover-plates or actuating members		N/A
	Force 10 N applied for 1 min in direction perpendicular to the mounting surface: covers, cover-plates or actuating members not come off		N/A
	Test repeated on new specimens with a sheet of hard material, 1 mm \pm 0,1 mm thick, fitted around the supporting frame (fig. 19)		N/A
	Covers, cover-plates or actuating members not come off		N/A
	After the test: no damage		N/A
20.4.2	Verification of the removal of covers, cover-plates or actuating members		N/A
	Force not exceeding 120 N applied 10 times in direction perpendicular to the mounting / supporting surface: covers, cover-plates or actuating members come off		N/A
	Test repeated on new specimens with a sheet of hard material, 1 mm \pm 0,1 mm thick, fitted around the supporting frame (fig. 19)		N/A
	Covers, cover-plates or actuating members come off		N/A
	After the test: no damage		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
20.7	Test with gauge of figure 20 applied according to figure 21 for verification of the outline of covers, cover-plates or actuating members: distances between face C of gauge and outline of side under test, not decrease : complying		—
20.8	Test with gauge according to figure 23 applied as shown in figure 24 (1 N): gauge not enter more than 1mm : complying		—
20.9	Operating members of cord-operated switch have adequate strength		N/A
	Pull test: pull 100 N for 1 min (normal use); pull of 50 N for 1 min (unfavourable direction). After the test:		N/A
	- switch show no damage		N/A
	- operating member not broken and cord-operated switch still operate		N/A

21	RESISTANCE TO HEAT		P
21.1	Switches kept for 1 h in a heating cabinet at a temperature of 100 °C ± 2 °C		P
	During the test: no change impairing their further use and sealing compound, if any, not flow		P
	After the test: no access to live parts, markings still legible		P
21.2	Parts of insulating material necessary to retain current-carrying parts and parts of the earthing circuit in position: ball-pressure test (1 h, 125 °C)	See appended table 21.2	P
21.3	Parts of insulating material not necessary to retain current-carrying parts and parts of the earthing circuit in position, even though in contact with them: ball-pressure test (1 h)	See appended table 21.3	P

22	SCREWS, CURRENT-CARRYING PARTS AND CONNECTIONS		P
22.1	Connections withstand mechanical stresses		P
	Thread-forming or thread-cutting screws used only if supplied together with the piece in which they are intended to be inserted		P
	thread-cutting screws intended to be used during installation are captive with the relevant part of the accessory		N/A
	Screws and nuts which transmit contact pressure: in engagement with a metal thread		P
	Threaded part torque test	See appended table 22.1	P
22.2	Screws in engagement with a thread of insulating material: correct introduction into the screw hole or nut ensured		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
22.3	Contact pressure: not transmitted through insulating material other than ceramic, pure mica or other material no less suitable unless there is sufficient resiliency in metallic parts		P
22.4	Screws and rivets locked against loosening or turning		P
22.5	Current-carrying parts of metal having mechanical strength, electrical conductivity and resistance to corrosion adequate:		P
	- copper;		N/A
	- alloy with at least 58 % copper for parts made from cold-rolled sheet or with at least 50 % copper for other parts;		P
	- stainless steel with at least 13 % chromium and not more than 0,12 % carbon		N/A
	- steel with electroplated coating of zinc (ISO 2081): service condition ISO no. (1/2/3); IP (X0/X4/X5); thickness (µm)		N/A
	- steel with electroplated coating of nickel and chromium (ISO 1456): service condition ISO no. (2/3/4); IP (X0/X4/X5); thickness (µm)		N/A
	- steel with electroplated coating of tin (ISO 2093): service condition ISO no. (2/3/4); IP (X0/X4/X5); thickness (µm)		N/A
	Current-carrying parts subjected to mechanical wear: not of steel with electroplated coating		P
	Metals having a great difference of electrochemical potential: not used in contact with each other		P
22.6	Contacts subjected to sliding action: of metal resistant to corrosion		N/A
22.7	Thread-forming screws and thread-cutting screws not used for the connection of current-carrying parts		P
	Thread-forming screws and thread-cutting screws used to provide earthing continuity: not necessary to disturb the connection and at least two screws are used for each connection		N/A
23	CREEPAGE DISTANCES, CLEARANCES AND DISTANCES THROUGH SEALING COMPOUND		P
23.1	Creepage distances, clearances and distances through sealing compound no less than the values shown in table 20	See appended table 23.1	P
23.2	Insulating compound: not protrude above the edge of the cavity in which it is contained		P
24	RESISTANCE OF INSULATING MATERIAL TO ABNORMAL HEAT, TO FIRE AND TO TRACKING		P

IEC 60669-1			
Clause	Requirement + Test	Result - Remark	Verdict

24.1	Parts of insulating material which might be exposed to thermal stresses due to electric effects and the deterioration of which might impair the safety are not unduly affected by abnormal heat and fire		P
24.1.1	Glow-wire test according to IEC 60695-2-1	See appended table 24.1.1	P
24.2	Parts of insulating material retaining live parts in position of switches with IP>X0: of material resistant to tracking	IP20	N/A
	Tracking test with solution A of IEC 60112	See appended table 24.2	N/A

25	RESISTANCE TO RUSTING		P
	Ferrous parts protected against rusting		P
	Test: 10 min in carbontetrachloride, trichloroethane or equivalent degreasing agent, 10 min 10 % solution of ammonium chloride, 10 min in a box with air saturated with moisture and 10 min at 100 °C ± 5 °C:		P
	No signs of rust		P

26	EMC REQUIREMENTS		N/A
26.1	Immunity		N/A
	No immunity tests necessary		N/A
26.2	Emission		N/A
	No emission tests necessary		N/A

IEC 60669-1			
Clause	Requirement + Test	Result - Remark	Verdict

12.2.5	TABLE: test with apparatus shown in figure 10 (screw terminals)			P
	rated current (A)	10 A	—	
	type of conductors	rigid solid	—	
	smallest/largest cross-sectional area per table 2 (mm ²)	1 mm ² / 2.5 mm ²	—	
	number of conductors	1 - 2	—	
	nominal diameter of thread (mm); torque per table 3 (Nm)	3,4 mm / 0,8 Nm	—	
Cross-sectional area (mm ²)	Diameter of bushing hole per table 4 (mm)	Height H per table 4 (mm)	Mass (kg)	Remarks
1 mm ²	6.5 mm	260 mm	0.4	P
2.5 mm ²	9.5 mm	280 mm	0.7	P
supplementary information: Switches of both type references have the same terminal construction				

12.2.6	TABLE: pull test (screw terminals)			P
	rated current (A)	10 A		—
	smallest/largest cross-sectional area per table 2 (mm²)	1 mm² / 2.5 mm²		—
	nominal diameter of thread (mm); torque 2/3 per table 3 (Nm)	3,4 mm / 0,54 Nm		—
Cross-sectional area (mm²)	Number of conductors	Type of conductors (rigid solid / rigid stranded)	Pull per table 5 applied for 1 min (N)	Remarks
1 mm²	1	rigid solid	50	P
2.5 mm²	1	rigid solid	50	P
supplementary information: Switches of both type references have the same terminal construction				

12.2.7	TABLE: tightening test (screw terminals)				P
	rated current (A)		10 A	—	
	nominal diameter of thread (mm); torque 2/3 per table 3 (Nm)		3,4 mm / 0,54 Nm	—	
Largest cross-sectional area per table 2 (mm ²)		Permissible number of conductors	Type of conductors (rigid solid / rigid stranded)	Number of wires and nominal diameter of wires per table 6	Remarks
2.5 mm ²		2	rigid solid	1 x 1.78 mm	P
2.5 mm ²		2	rigid stranded	7 x 0.67 mm	P
supplementary information: Switches of both type references have the same terminal construction					

IEC 60669-1			
Clause	Requirement + Test	Result - Remark	Verdict

12.3.10	TABLE: mechanical stresses occurring in normal use (screwless terminals)			N/A
	rated current (A)	:		—
	largest/smallest cross-sectional area per table 7 (mm ²)	:		—
Number of connection (after that conductor subjected to a pull of 30 N for 1 min) / disconnection		Type of conductor (solid / rigid stranded / flexible	Cross-sectional area (mm ²)	Remarks
	TABLE: test with apparatus shown in figure 10			
	rated current (A)	:		—
	type of conductors	:	rigid solid / rigid stranded	—
	smallest/largest cross-sectional area per table 7 (mm ²)	:		—
	number of conductors	:		—
Cross-sectional area (mm ²)	Diameter of bushing hole per table 4 (mm)	Height H per table 4 (mm)	Mass (kg)	Remarks
supplementary information:				

12.3.11	TABLE: electrical and thermal stresses occurring in normal use			N/A
Test a)	Test carried out for 1 h connecting rigid solid conductors:			N/A
	test current per table 8 (A)			—
	nominal cross-sectional area (mm ²)			—
	Screwless terminal number	Voltage drop (mV)	Required voltage drop	
	1		≤ 15 mV	
	2		≤ 15 mV	
	3		≤ 15 mV	
	4		≤ 15 mV	
	5		≤ 15 mV	
Test b)	Temperature cycles test) carried out on terminals subjected to Test a):			N/A
	test current per table 8 (A)			—
	nominal cross-sectional area (mm ²)			—
	allowed voltage drop (mV)	≤ 22,5 mV or 2 times 24 th cycle value (mV)		—

IEC 60669-1						
Clause	Requirement + Test				Result - Remark	Verdict
Screwless terminal number	1	2	3	4	5	Remarks
voltage drop after 24 th cycle						
voltage drop after 48 th cycle						
voltage drop after 72 th cycle						
voltage drop after 96 th cycle						
voltage drop after 120 th cycle						
voltage drop after 144 th cycle						
voltage drop after 168 th cycle						
voltage drop after 192 th cycle						
12.3.10	TABLE: mechanical stresses occurring in normal use					N/A
	rated current (A)					—
	largest/smallest cross-sectional area per table 7 (mm ²)					—
Number of connection (after that conductor subjected to a pull of 30 N for 1 min) / disconnection		Type of conductor (solid / rigid stranded / flexible)		Cross-sectional area (mm ²)	Remarks	
	TABLE: test with apparatus shown in figure 10					N/A
	rated current (A)					—
	type of conductors				rigid solid / rigid stranded	—
	smallest/largest cross-sectional area per table 7 (mm ²)					—
	number of conductors					—
Cross-sectional area (mm ²)	Diameter of bushing hole per table 4 (mm)	Height H per table 4 (mm)	Mass (kg)	Remarks		
supplementary information:						

IEC 60669-1			
Clause	Requirement + Test	Result - Remark	Verdict

12.3.12	TABLE: deflection test (principle of test apparatus shown in figure 11a)						N/A
	Test carried out for 1 h connecting rigid solid conductors:						-
	test current (A) (equal rated current)						—
	required voltage drop (mV) : ≤ 25 mV						—
Type of conductor		Smallest			Largest		Remarks
cross-sectional area per table 9 (mm ²)							
force per table 10 (N)							
screwless terminal number		1	2	3	1	2	3
starting point (X = deflection original point)		X	X+10°	X+20°	X	X+10°	X+20°
voltage drop 1 st deflection (mV)							
voltage drop 2 nd deflection (mV)							
voltage drop 3 rd deflection (mV)							
voltage drop 4 th deflection (mV)							
voltage drop 5 th deflection (mV)							
voltage drop 6 th deflection (mV)							
voltage drop 7 th deflection (mV)							
voltage drop 8 th deflection (mV)							
voltage drop 9 th deflection (mV)							
voltage drop 10 th deflection (mV)							
voltage drop 11 th deflection (mV)							
voltage drop 12 th deflection (mV)							
supplementary information:							

16.1	TABLE: insulation resistance			P
Item per table 20	test voltage applied between:	measured (MΩ)	required (MΩ)	
1	Between all poles connected together and the body	> 100 MΩ	5	
2	Between each pole in turn and all other poles connected to the body with the switch in the ON position	> 100 MΩ	2	
3	Between the terminals which are electrically connected together when switch in ON position, the switch being in OFF position (<u>normal gap</u>)	> 100 MΩ	2	

IEC 60669-1			
Clause	Requirement + Test	Result - Remark	Verdict
16.1	TABLE: insulation resistance		P
Item per table 20	test voltage applied between:	measured (MΩ)	required (MΩ)
4	Between metal parts of the mechanism (<u>spring in momentary contact switches</u>) and live parts	> 100 MΩ	5
supplementary information:			

16.2	TABLE: electric strength		P
	rated voltage (V)	250 V	—
item per table 20	test voltage applied between:	test voltage (V)	flashover / breakdown (Yes/No)
1	Between all poles connected together and the body	2000 V~	No
2	Between each pole in turn and all other poles connected to the body with the switch in the ON position	2000 V~	No
3	Between the terminals which are electrically connected together when switch in ON position, the switch being in OFF position (<u>normal gap</u>)	2000 V~	No
4	Between metal parts of the mechanism (<u>spring in momentary contact switches</u>) and live parts	2000 V~	No
supplementary information:			

17	TABLE: temperature rise measurements		P
	rated current (A)	10 A	—
	nominal cross-sectional area (mm ²)	2,5 mm ²	—
	terminal screws: torque (Nm) (2/3 table 3)	0,54 Nm	—
	test current per table 15 passed for 1 h (A)	13.5 A	—
	rated voltage of pilot light (V)	24 V	—
	samples number	1, 2, 3	—
thermocouple locations		max. measured temperature rise (K)	allowed temperature rise (K)
Art.72106 (Sample 1)		Max. 23,4	45
Art.72106 (Sample 2)		Max. 26,1	45
Art.72106 (Sample 3)		Max. 27.0	45
Art.72116 (Sample 1)		Max. 22,6	45
Art.72116 (Sample 2)		Max. 21,4	45
Art.72116 (Sample 3)		Max. 24,8	45

IEC 60669-1			
Clause	Requirement + Test	Result - Remark	Verdict

17	TABLE: temperature rise measurements		P
	rated current (A)	10 A	—
	nominal cross-sectional area (mm ²)	2,5 mm ²	—
	terminal screws: torque (Nm) (2/3 table 3)	0,54 Nm	—
	test current per table 15 passed for 1 h (A)	13.5 A	—
	rated voltage of pilot light (V)	24 V	—
	samples number	1, 2, 3	—
thermocouple locations		max. measured temperature rise (K)	allowed temperature rise (K)
supplementary information:			

IEC 60669-1			
Clause	Requirement + Test	Result - Remark	Verdict

19.1	TABLE: reduced electric strength after normal operation (clause 19.1)		P
item per table 20	test voltage applied between:	test voltage (V)	flashover / breakdown (Yes/No)
1	Between all poles connected together and the body	1500 V~	No
2	Between each pole in turn and all other poles connected to the body with the switch in the ON position	1500 V~	No
3	Between the terminals which are electrically connected together when switch in ON position, the switch being in OFF position (<u>normal gap</u>)	1500 V~	No
4	Between metal parts of the mechanism (<u>spring in momentary contact switches</u>) and live parts	1500 V~	No
	TABLE: temperature rise measurements at terminals after normal operation (clause 19.1)		P
	test current (In) passed for 1 h (A)	10 A	—
thermocouple locations		max. measured temperature rise (K)	allowed temperature rise (K)
Art.72106 (Sample 1)		35,5	45
Art.72106 (Sample 2)		33,2	45
Art.72106 (Sample 3)		30.6	45
Art.72116 (Sample 1)		29,9	45
Art.72116 (Sample 2)		29,3	45
Art.72116 (Sample 3)		34.7	45
supplementary information:			

19.2	TABLE: temperature rise measurements at terminals after test with fluorescent lamp load (clause 19.2)		P
	test current (In) passed for 1 h (A)	1 A	—
thermocouple locations		max. measured temperature rise (K)	allowed temperature rise (K)
Art.72106 (Sample 4)		28,5	45
Art.72106 (Sample 5)		30,2	45
Art.72106 (Sample 6)		30,1	45

IEC 60669-1			
Clause	Requirement + Test	Result - Remark	Verdict
19.2	TABLE: temperature rise measurements at terminals after test with fluorescent lamp load (clause 19.2)		P
	test current (In) passed for 1 h (A)	1 A	—
thermocouple locations		max. measured temperature rise (K)	allowed temperature rise (K)
supplementary information:			

20.1	TABLE: impact test			P
	part of enclosure tested per table 18 (A, B, C, D)	blows per part	height of fall (mm)	comments
	A (front surface parts)	5	100	No damage
supplementary information:				

21.2	TABLE: ball pressure test of thermoplastic materials			P
	allowed impression diameter (mm)	≤ 2 mm	—	
	part under test	material designation / manufacturer	test temperature (°C)	impression diameter (mm)
	Switch body	Xantar 19 UR	125	< 1,5 mm
	Actuator/rocker (black color)	Zytel 73G30HSL	125	< 1,5 mm
supplementary information:				

21.3	TABLE: ball pressure test of thermoplastic materials			P
	allowed impression diameter (mm)	≤ 2 mm	—	
	part under test	material designation / manufacturer	test temperature (°C) ⁽¹⁾	impression diameter (mm)
	Mounting frame (white)	Xantar 19 UR	70	< 2
	Frame cover	ABS Novodur P2H-AT	70	< 2
	Actuator cover	ABS Novodur P2H-AT	70	< 2
	Actuator cover support	ABS Novodur P2H-AT	70	< 2
supplementary information:				
⁽¹⁾ 70 °C / 40 °C + highest temperature rise determined during the test of clause 17				

22.1	TABLE: threaded part torque test			P
------	---	--	--	---

IEC 60669-1					
Clause	Requirement + Test			Result - Remark	Verdict
threaded part identification	diameter of thread (mm)	column number (I, II, or III)	applied torque (Nm)	times (5/10)	no damage
Terminal screw	3,4 mm	II	0.8	5	P
supplementary information:					

23.1	TABLE: creepage distances, clearances and distances through sealing compound							P
	rated voltage (V)			250 V				—
item per table 20	creepage distance dcr, clearance cl and distance through sealing compound dtsc at/of:	required cl (mm)	cl (mm)	required dcr (mm)	dcr (mm)	required dtsc (mm)	dtsc (mm)	
1, 6	Between live parts which are separated when the contacts are open	≥ 3	4,2	≥ 3	4.2	≥ /	/	
3, 8	Between live parts and accessible surfaces of parts of insulating material	≥ 3	> 10	≥ 3	> 10	≥	/	
3, 8	Between live parts and metal parts of the mechanism (insulated from live parts) – spring in momentary contact switches	≥ 3	> 10	≥ 3	> 10	≥	/	
2, 7	Between live parts of different polarity (pilot light connection)	≥ 1	1.9	≥ 1	1.9	≥	/	
supplementary information:								
- No sealing compound used in switches								
- Measurements given for art.72106 (both types have same CL/CR)								

IEC 60669-1			
Clause	Requirement + Test	Result - Remark	Verdict

24.1.1	TABLE: glow-wire test			P
part under test		material designation / manufacturer	test temperature (°C)	remarks
Switch body		Xantar 19 UR	850	Pass
Actuator/rocker (black color)		PA 66GF – Zytel 73G45	850	Pass
Mounting frame (white)		Xantar 19 UR	650	Pass
Frame cover		ABS Novodur P2H-AT	650	Pass
Actuator cover		ABS Novodur P2H-AT	650	Pass
Actuator cover support		ABS Novodur P2H-AT	650	Pass
supplementary information:				

24.2	TABLE: resistance to tracking			N/A
	number of drops	:	50	—
part under test	material designation / manufacturer		test voltage (V)	flashover / breakdown (Yes/No)
			175	
supplementary information:				

IEC 60669-1			
Clause	Requirement + Test	Result - Remark	Verdict

National Differences for (country name)			N/A
:		
:		
:		
:		
:		
:		

List of test equipment used

(Note: This is an example of the required attachment. Other forms with a different layout but containing similar information are also acceptable.)

Clause	Measurement / testing	Testing / measuring equipment / material used	Range used	Calibration date
9	Checking of dimensions	Caliper: Mitutoyo Absolte CD-15CPX; Gauges: SIQ	/	2016-04-18
10	Protection against electrical shock	Jointed test finger, unjointed test finger,	/	/
12.2	Tests on screw terminals	Torque meter: Stahlwille SIQ Id. 104376 Figure 11: Arrangement for checking damage to conductors	0 – 140 Ncm	2017-03-14
15.1	Ageing test	Heating cabinet: Kambič S-205 Omega HH314A SIQ Id. 414	/	2016-05-07
15.3	Humidity treatment	Humidity chamber: SIQ Omega HH314A SIQ Id. 414	/	2016-05-07
16.1	Insulation resistance	Insulation test equipment: Kikusui SM001164 (SIQ 106873)	DC 500 V	2015-05-30
16.2	Electric strength	High voltage test equipment: Kikusui TOS5301 (SIQ 106936)	AC 2000 V	2015-12-01
17	Temperature rise	V-meter, A-meter, T meter: Kiethley 2700 SIQ Id. ID.474	/	2015-11-04
20.1	Impact test	Impact-test apparatus: SIQ Id.102511	/	/
21	Resistance to heat	Heating cabinet: Kambič S205 Ball pressure test apparatus: SIQ Id.104309 Omega HH314A SIQ Id. 414		2017-05-18 2016-05-07
23	Creepage distances, clearances	Caliper: Mitutoyo Absolte CD-15CPX SIQ Id. 105203	/	2016-04-18
24.1.1	Glow-wire test	GW apparatus: PTL T03.14 SIQ Id. 102252	850°C / 650°C	2016-12-03

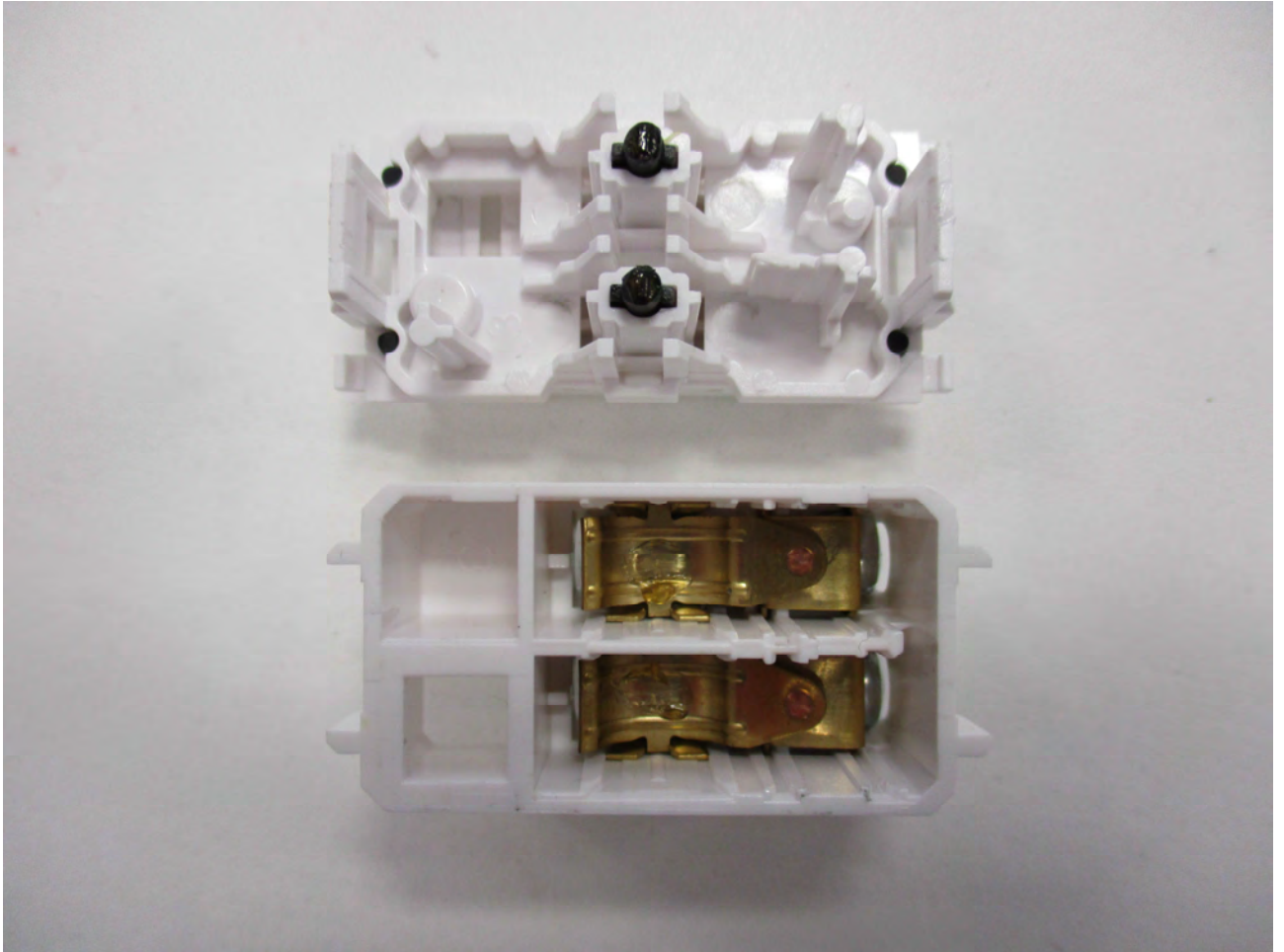
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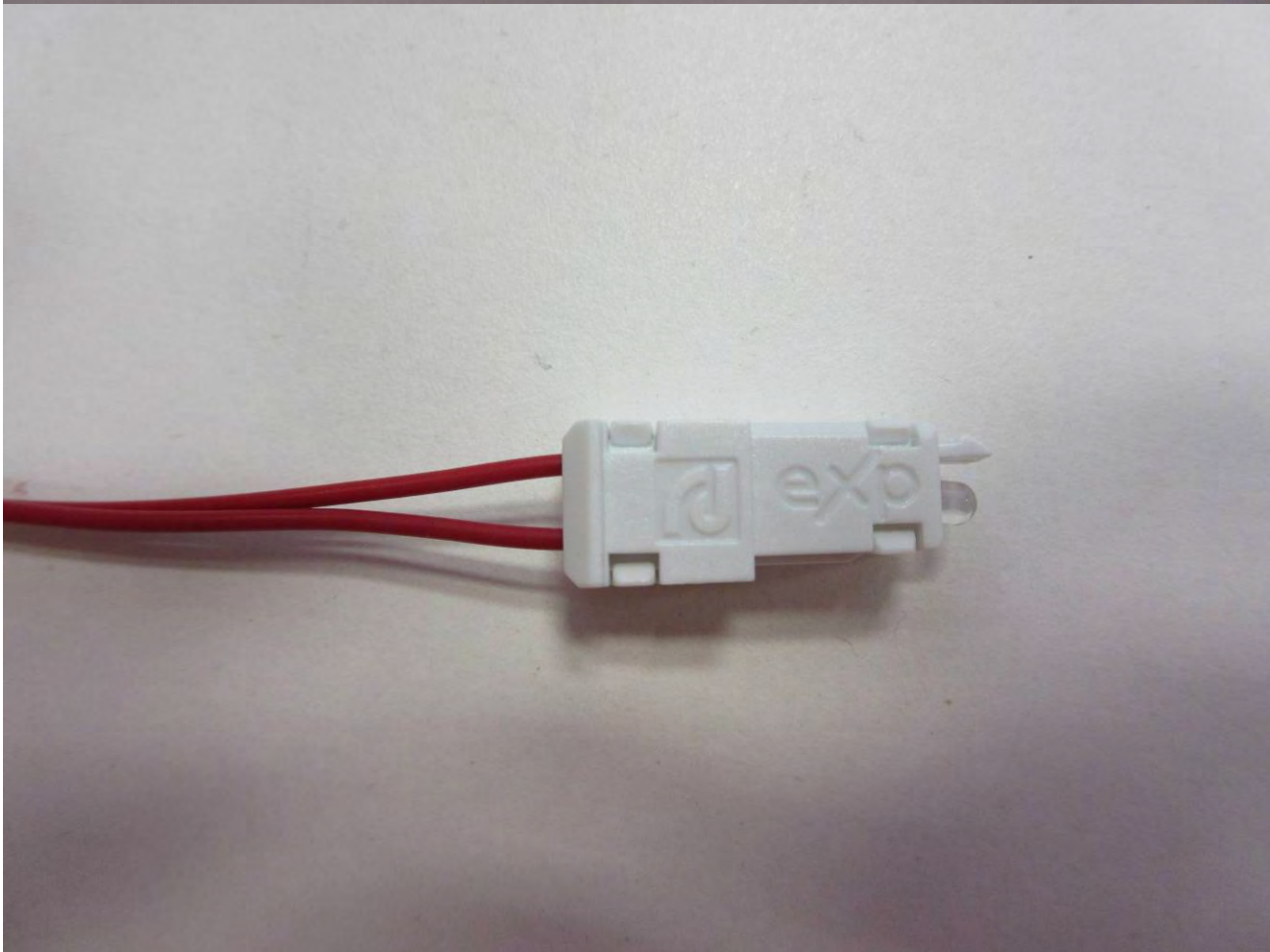
Photo documentation





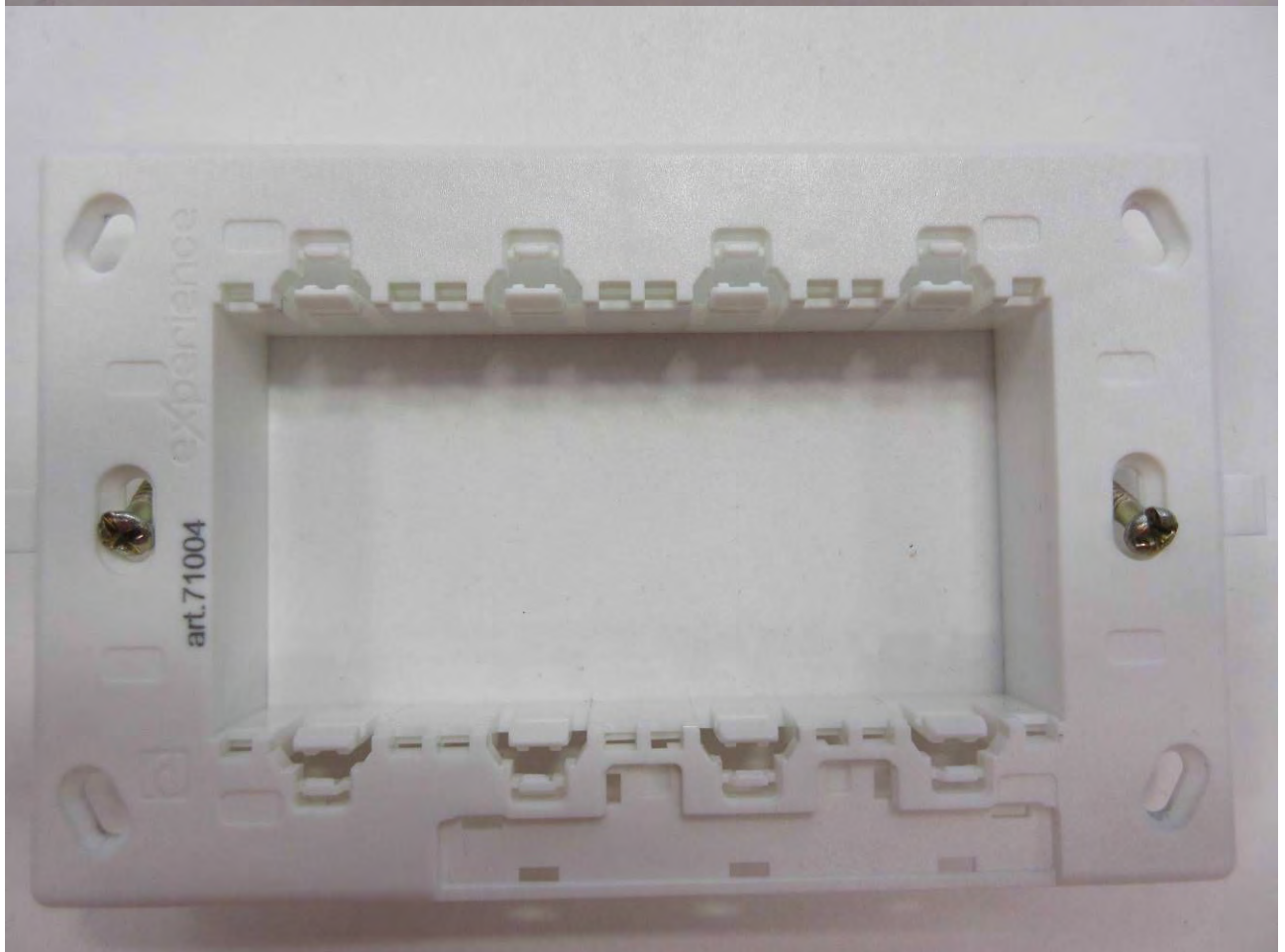
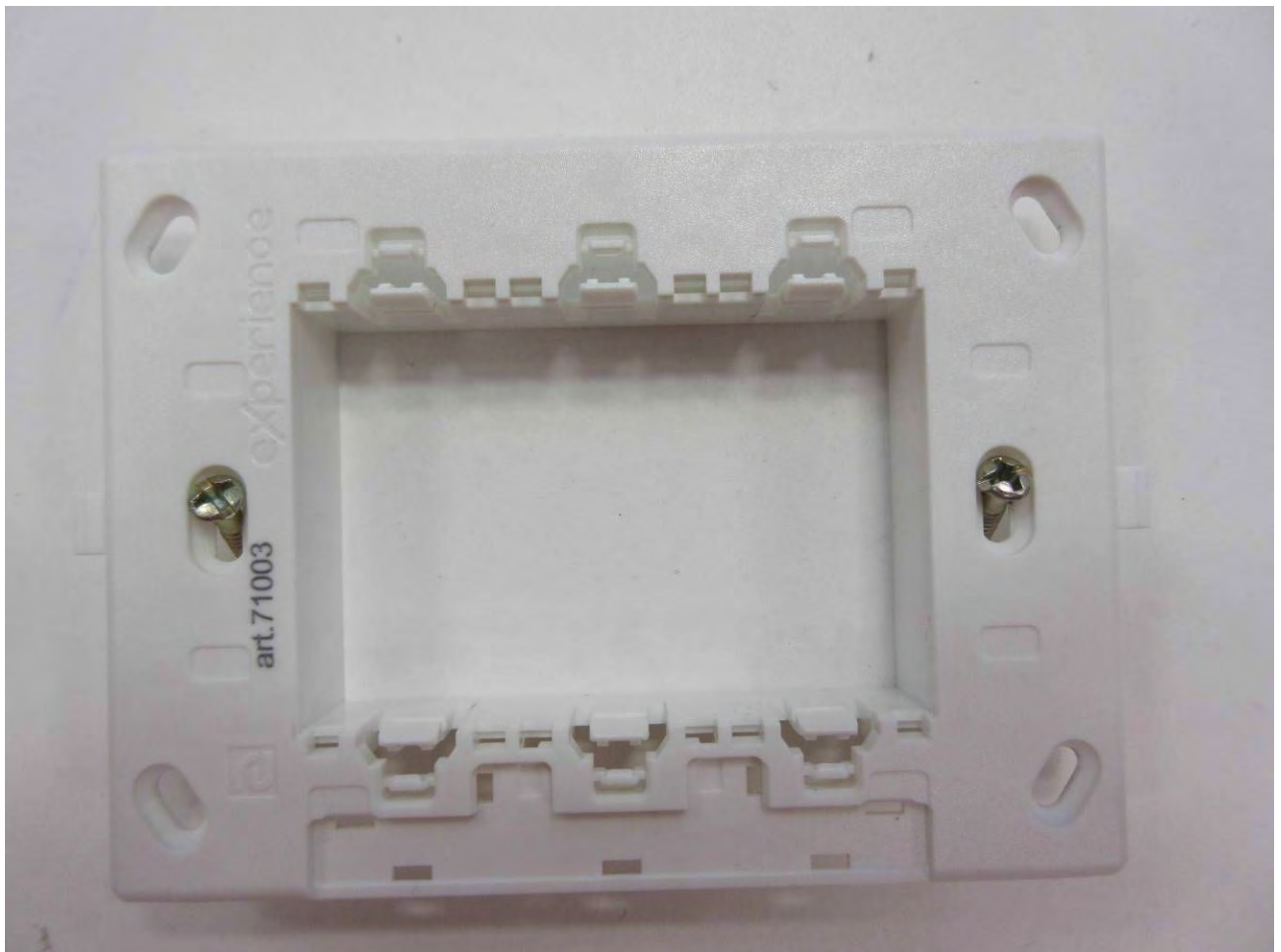


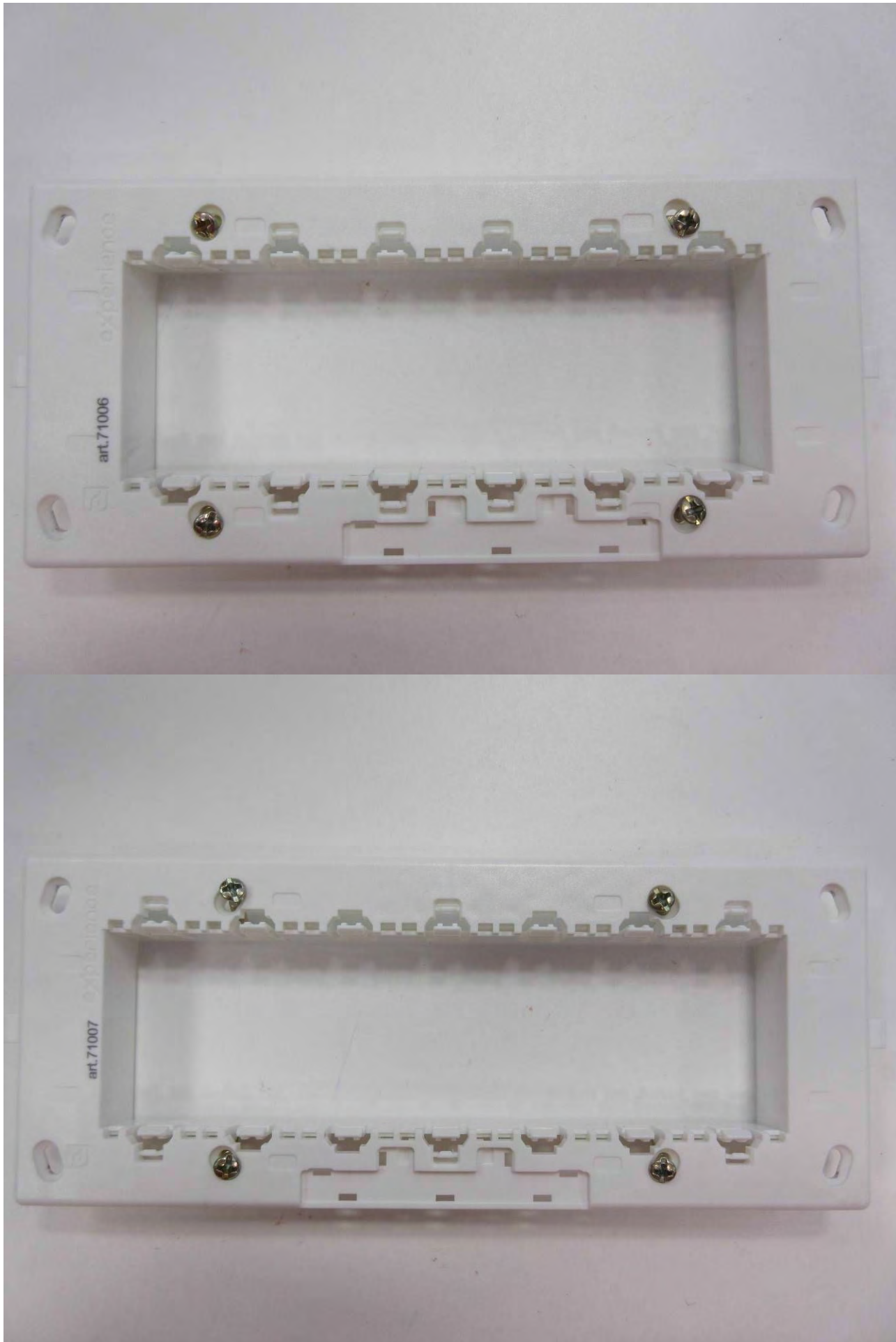


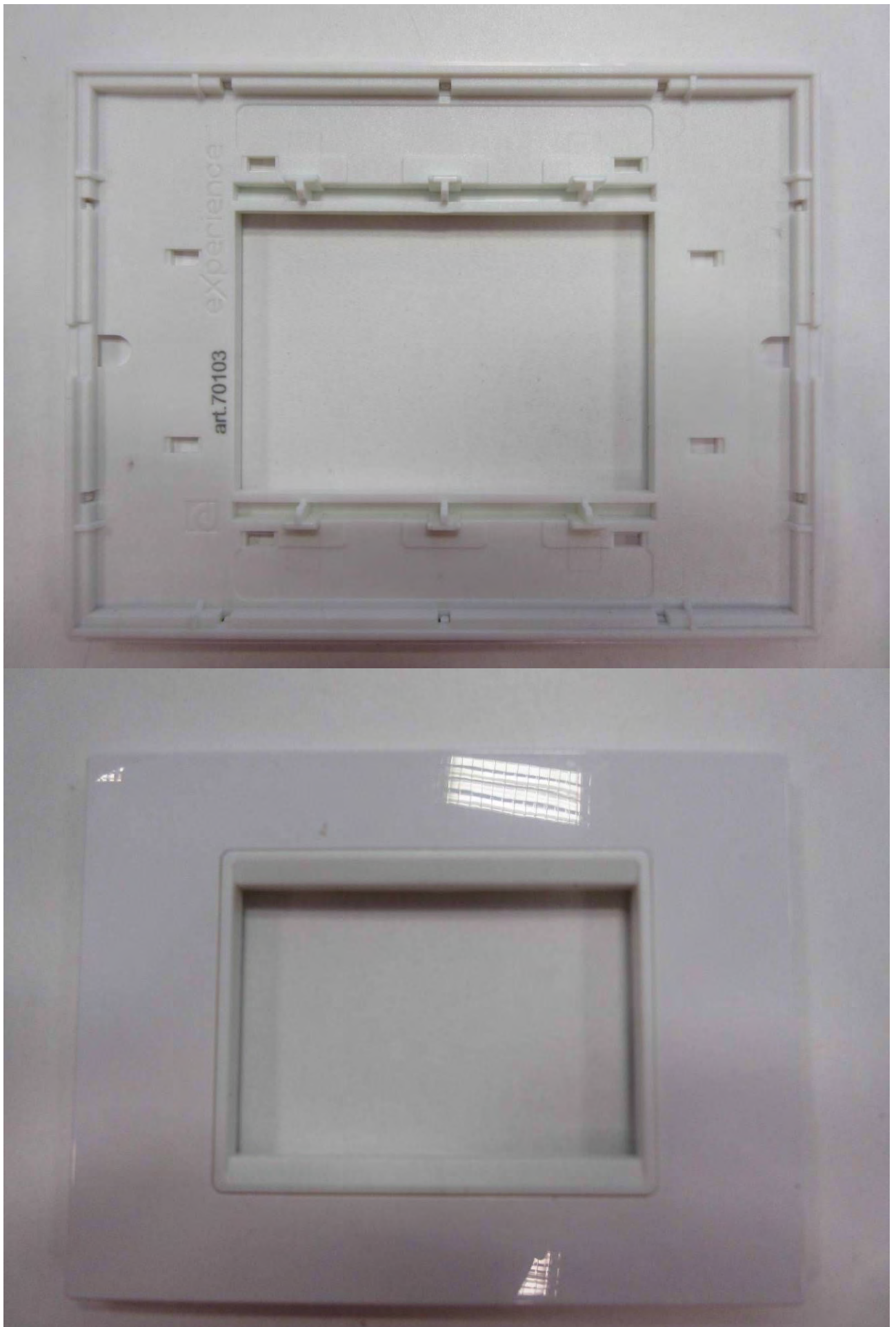


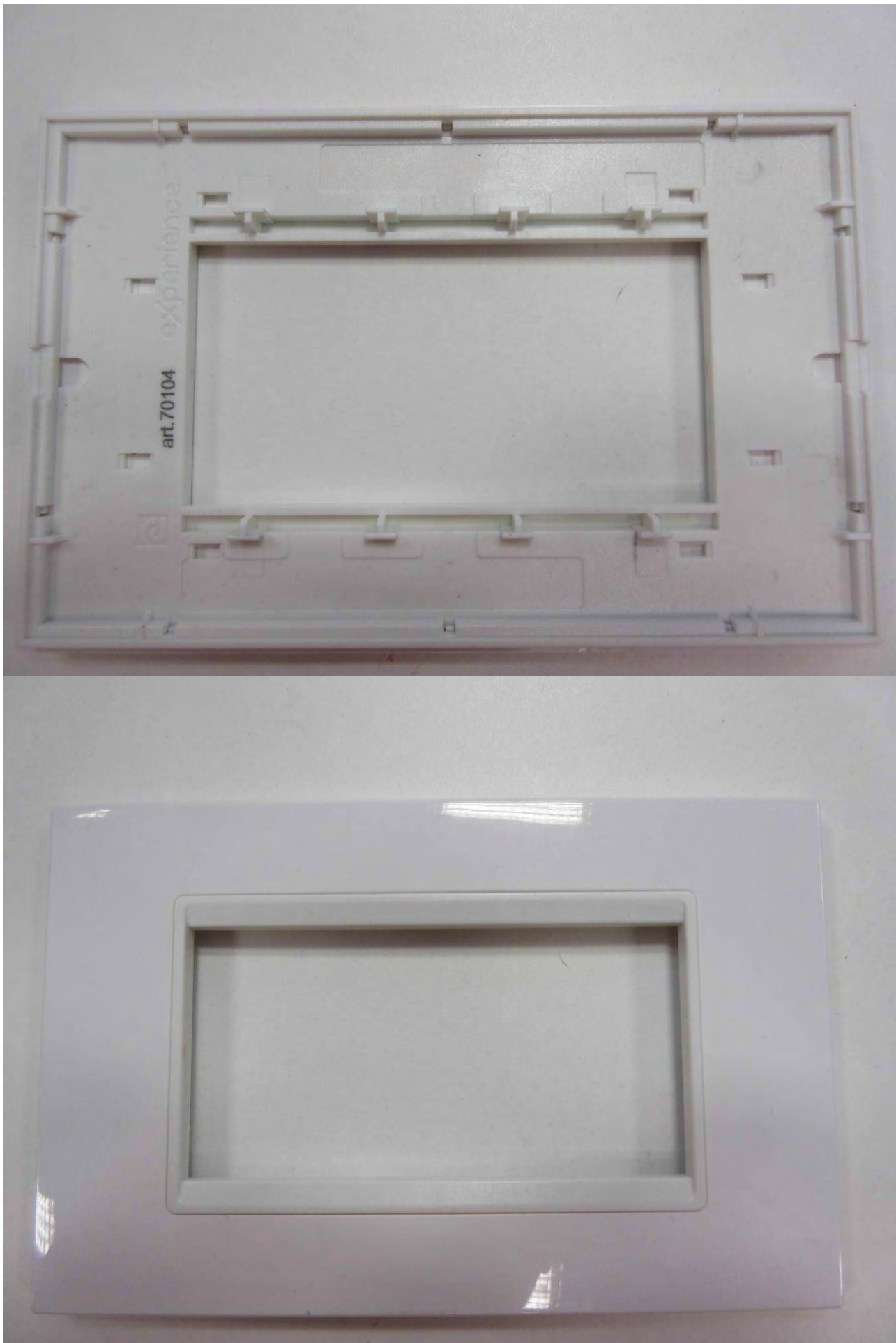








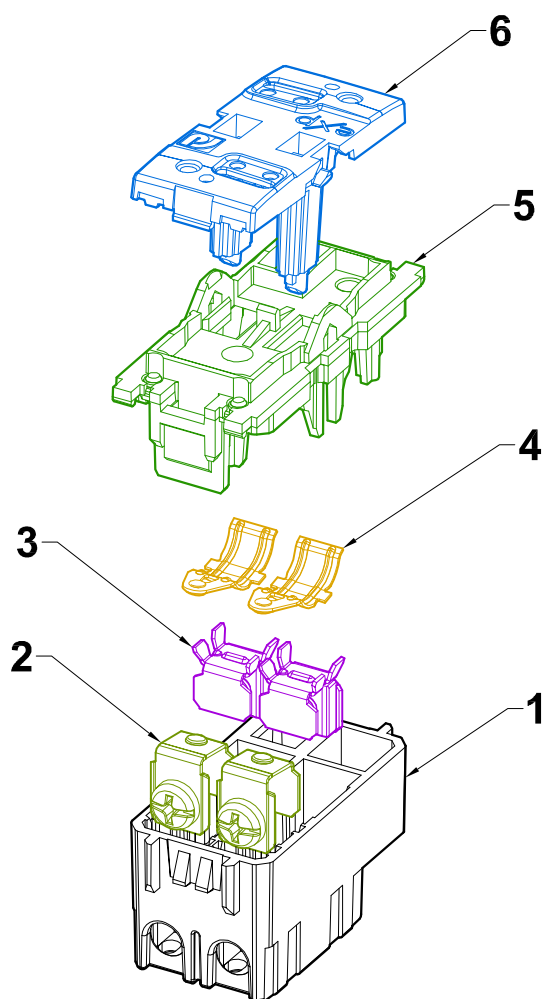







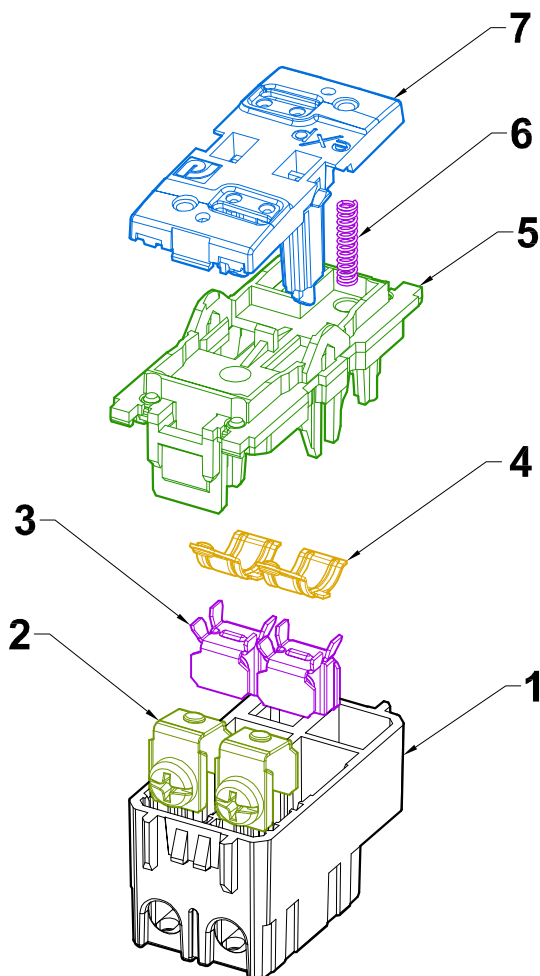
Enclosure No.:2


Technical documentation



6	Tipkalo ukrsko sklop EXP	PSK.72104.2	1			
5	Poklopac sklopke sklop EXP	PSK.72101.1	1			
4	Klackalica jednop. sklop EXP	PSK.72101.5	2			
3	Nosač klack. sklop EXP	PSK.72101.4	2			
2	Kont. nepokr. levi sklop EXP	PSK.72103.3	2			
1	Telo sklopke ukrsko EXP	art.72104.01	1	PC		
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena
Tolerancije slobodnih mera				Površinska zaštita		
Materijal				Identifikacioni broj	Masa	Razmera
Sklop	Kom					
			Datum	Ime	Potpis	Naziv
		Konstr.				SKLOPKA DVOPOLNA EXP 10AX 250V~ 1M
		Crtao				
		Pregledao				
		Odobrio	09.05.14.	J. Ristić		
		 ALING-CONEL GAJDOBRA			Oznaka	List
					art.72106	Listova:
St. iz	Izmenio	Datum	Zamena za:			

Obrazac PR.2.02-01 Izdanje 1



7	Tipkalo ukrsko sklop EXP	PSK.72104.2	1			
6	Opruga tipkala 16A	art.619.33	1	DIN 2076C	Ø0,4	brunirano
5	Poklopac sklopke sklop EXP	PSK.72101.1	1			
4	Klackalica jednop. sklop EXP	PSK.72101.5	2			
3	Nosač klack. sklop EXP	PSK.72101.4	2			
2	Kont. nepokr. levi sklop EXP	PSK.72103.3	2			
1	Telo sklopke ukrsko EXP	art.72104.01	1	PC		
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena
		Tolerancije slobodnih mera			Površinska zaštita	
		Materijal			Identifikacioni broj	Masa
	Sklop	Kom				Razmera
			Datum	Ime	Potpis	Naziv
		Konstr.				TAST. SKL. DVOPOL. EXP 10AX 250V~ 1M
		Crtao				
		Pregledao				
		Odobrio				
			 ALING-CONEL GAJDOBRA			Oznaka
						art.72116
						List
						Listova:
St. iz	Izmenio	Datum				Zamena za:

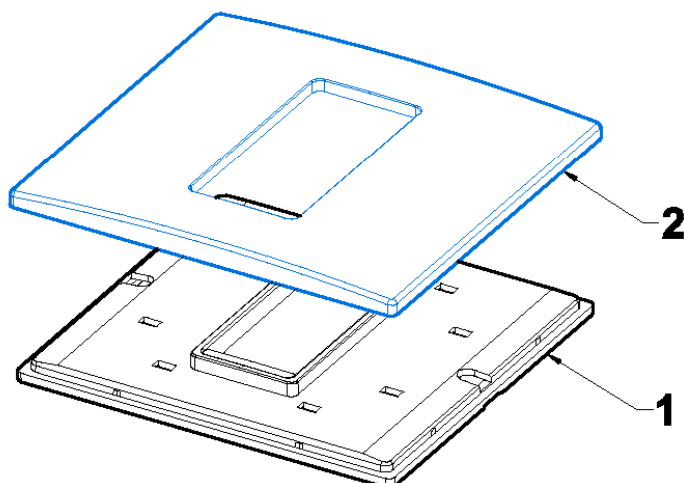



TABELA OZNAČAVANJA:

Linija boja	Oznaka n
BASIC	1
COLOR VIVID	2
COLOR METALLIC	3
COLOR SOFT TOUCH	4

2	Maska 1M EXP	art.70n01.02	1	ABS		
1	Nosač maske 1M EXP	art.70n01.01	1	PC		
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena
		Tolerancije slobodnih mera			Površinska zaštita	
		Materijal			Identifikacioni broj	Masa
						Razmera
	Sklop	Kom				
			Datum	Ime	Potpis	Naziv
		Konstr.				MASKA 1M EXP PLASTIČNA
		Crtao				
		Pregledao				
		Odobrio	09.05.14.	J. Ristić		
			 ALING-CONEL GAJDOBRA			Oznaka
						art.70n01
St. iz	Izmenio	Datum				Zamena za:

Obrazac PR.2.02-01 izdanje 1

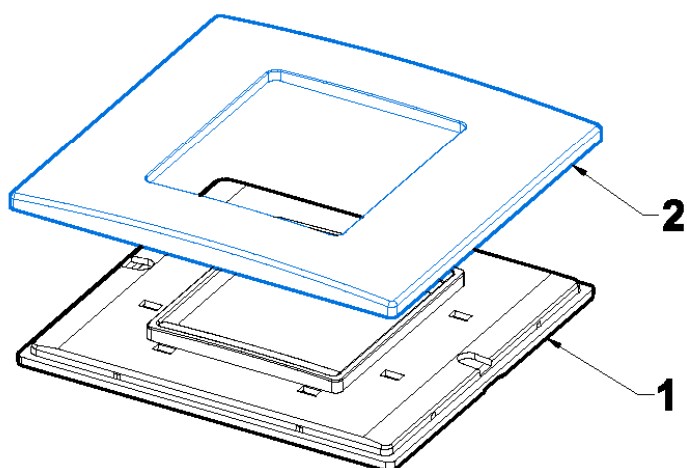


TABELA OZNAČAVANJA:

Linija boja	Oznaka n
BASIC	1
COLOR VIVID	2
COLOR METALLIC	3
COLOR SOFT TOUCH	4

Obrazac PR.2.02-01 Izdanje 1

2	Maska 2M EXP	art.70n02.02	1	ABS		
1	Nosač maske 2M EXP	art.70n02.01	1	PC		
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena
Tolerancije slobodnih mera				Površinska zaštita		
Materijal				Identifikacioni broj		
Sklop				Masa		
Kom				Razmera		
Konstr.				Datum		
Crtao				Ime		
Pregledao				Potpis		
Odobrio				09.05.14. J. Ristić		
ALING-CONEL				Naziv		
GAJDOBRA				MASKA 2M EXP PLASTIČNA		
Oznaka				art.70n02		
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St. iz				Zamena za:		
Izmenio						
Datum						

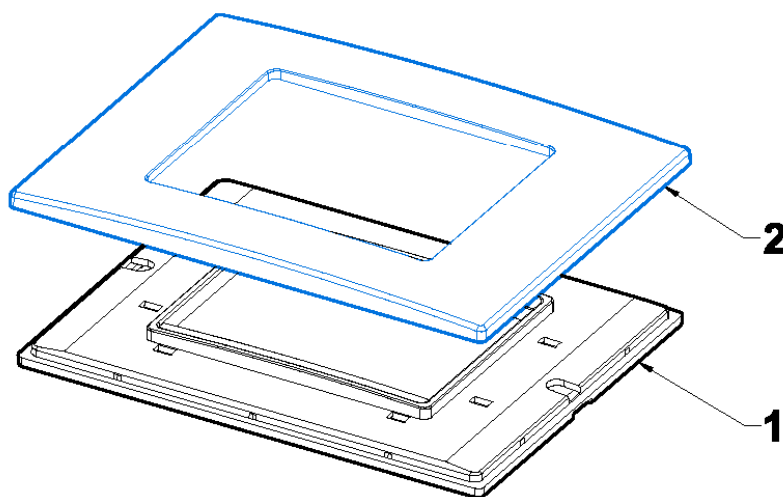



TABELA OZNAČAVANJA:

Linija boja	Oznaka n
BASIC	1
COLOR VIVID	2
COLOR METALLIC	3
COLOR SOFT TOUCH	4

2	Maska 3M EXP	art.70n03.02	1	ABS			
1	Nosač maske 3M EXP	art.70n03.01	1	PC			
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena	
Tolerancije slobodnih mera				Površinska zaštita			
Materijal				Identifikacioni broj			
Sklop		Kom	Masa				
			Razmera				
			Datum	Ime	Potpis	Naziv	
	Konstr.					MASKA 3M EXP PLASTIČNA	
	Crtao						
	Pregledao						
	Odobrio	09.05.14.	J. Ristić				
			 ALING-CONEL GAJDOBRA			Oznaka	
						art.70n03	
St. iz	Izmenio	Datum					List Listova:
Zamena za:							

Obrazac PR.2.02-01 izdanje 1

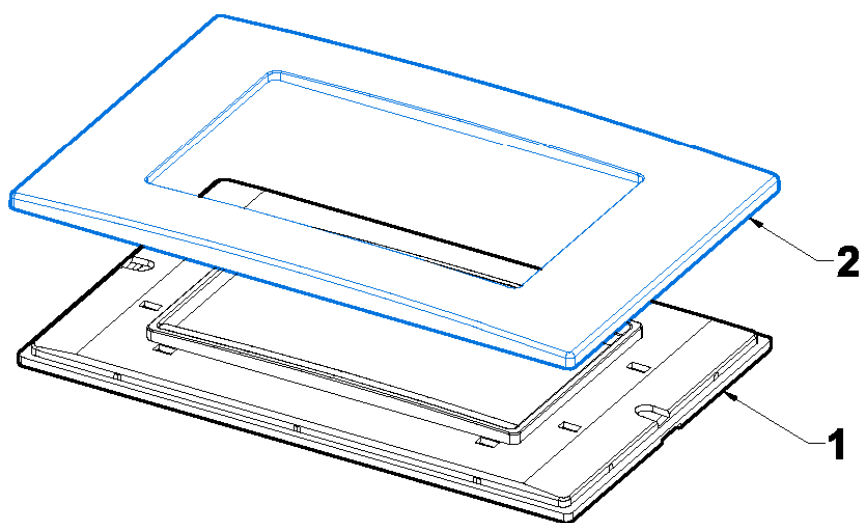


TABELA OZNAČAVANJA:

Linija boja	Oznaka n
BASIC	1
COLOR VIVID	2
COLOR METALLIC	3
COLOR SOFT TOUCH	4

Obrazac PR-2.02-01 Izdanje 1

2	Maska 4M EXP	art.70n04.02	1	ABS		
1	Nosač maske 4M EXP	art.70n04.01	1	PC		
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena
Tolerancije slobodnih mera				Površinska zaštita		
Materijal				Identifikacioni broj		
Masa				Razmera		
Sklop	Kom	Datum		Ime	Potpis	Naziv
		Konstr.				MASKA 4M EXP PLASTIČNA
		Crtao				
		Pregledao				
		Odobrio		09.05.14.	J. Ristić	
				ALING-CONEL GAJDOBRA		
St. iz	Izmenio	Datum	Oznaka		art.70n04	
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				Zamena za:		

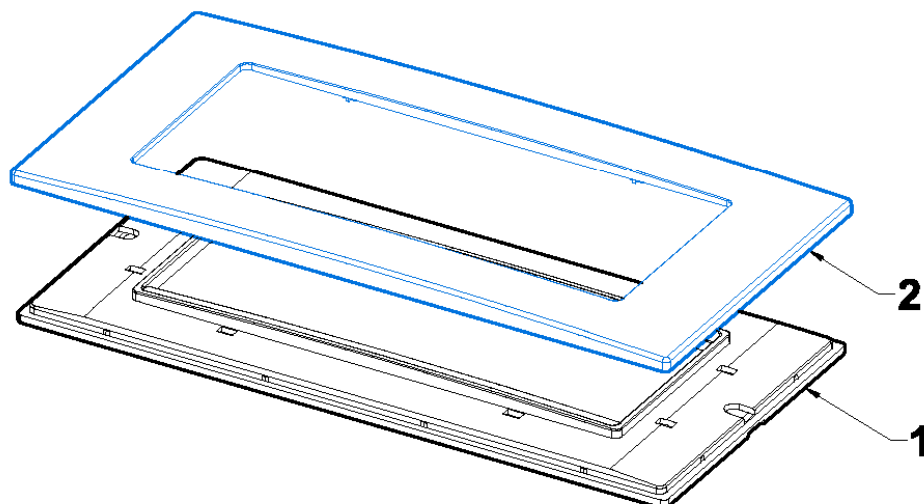



TABELA OZNAČAVANJA:

Linija boja	Oznaka n
BASIC	1
COLOR VIVID	2
COLOR METALLIC	3
COLOR SOFT TOUCH	4

2	Maska 6M EXP	art.70n06.02	1	ABS		
1	Nosač maske 6M EXP	art.70n06.01	1	PC		
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena
	Tolerancije slobodnih mera				Površinska zaštita	
	Materijal				Identifikacioni broj	Masa
Sklop	Kom				Razmera	
		Datum	Ime	Potpis	Naziv	
	Konstr.				MASKA 6M EXP PLASTIČNA	
	Crtao					
	Pregledao					
	Odobrio	09.05.14.	J. Ristić			
	 ALING-CONEL GAJDOBRA				Oznaka	List
						art.70n06
St. iz	Izmenio	Datum				Zamena za:

Obrazac PR.2.02-01 izdanje 1

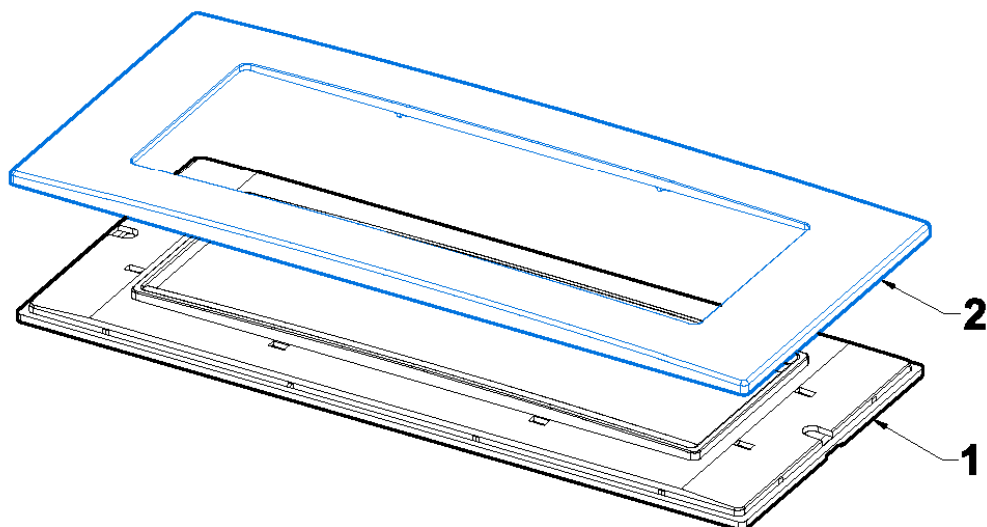


TABELA OZNAČAVANJA:

Linija boja	Oznaka n
BASIC	1
COLOR VIVID	2
COLOR METALLIC	3
COLOR SOFT TOUCH	4

Obrazac PR-2.02-01 Izdanje 1

2	Maska 7M EXP	art.70n07.02	1	ABS		
1	Nosač maske 7M EXP	art.70n07.01	1	PC		
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena
Tolerancije slobodnih mera				Površinska zaštita		
Materijal				Identifikacioni broj Masa Razmera		
Sklop	Kom					
		Datum	Ime	Potpis	Naziv	
		Konstr.			MASKA 7M EXP PLASTIČNA	
		Crtao				
		Pregledao				
		Odobrio	09.05.14.	J. Ristić		
		ALING-CONEL GAJDOBRA			Oznaka art.70n07	
St. iz	Izmenio	Datum				List Listova:
Zamena za:						

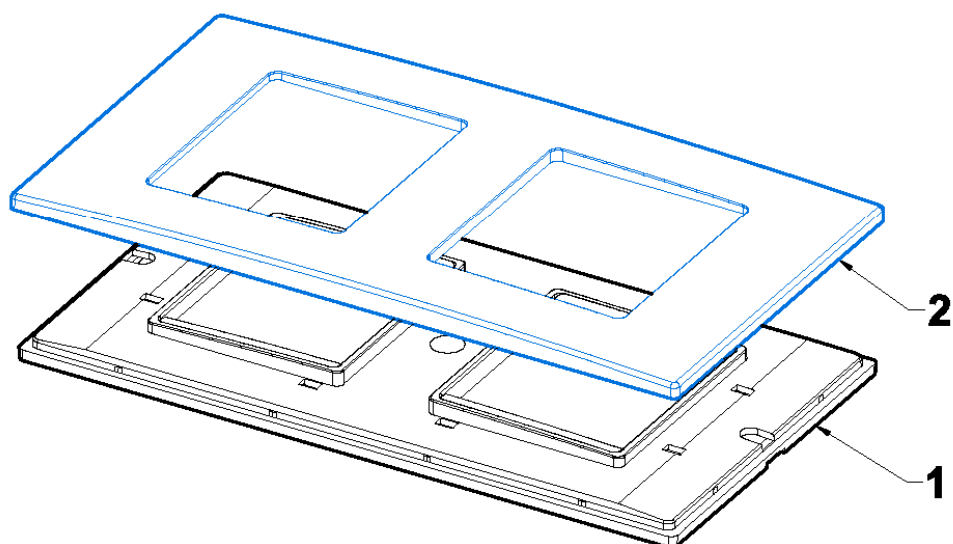


TABELA OZNAČAVANJA:

Linija boja	Oznaka n
BASIC	1
COLOR VIVID	2
COLOR METALLIC	3
COLOR SOFT TOUCH	4

2	Maska 2M EXP	art.70n22.02	1	ABS		
1	Nosač maske 2M EXP	art.70n22.01	1	PC		
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena
		Tolerancije slobodnih mera			Površinska zaštita	
		Materijal			Identifikacioni broj	Masa
						Razmera
	Sklop	Kom				
			Konstr.	Datum	Ime	Potpis
			Crtao			
			Pregledao			
			Odobrio	06.07.15.	J. Ristić	
			 ALING-CONEL GAJDOBRA			Naziv
						MASKA 2X2M HORIZ. EXP PLASTIČNA
						Oznaka
						art.70n22
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St. iz	Izmenio	Datum				Zamena za:

Obrazac PR.2.02-01 izdanje 1

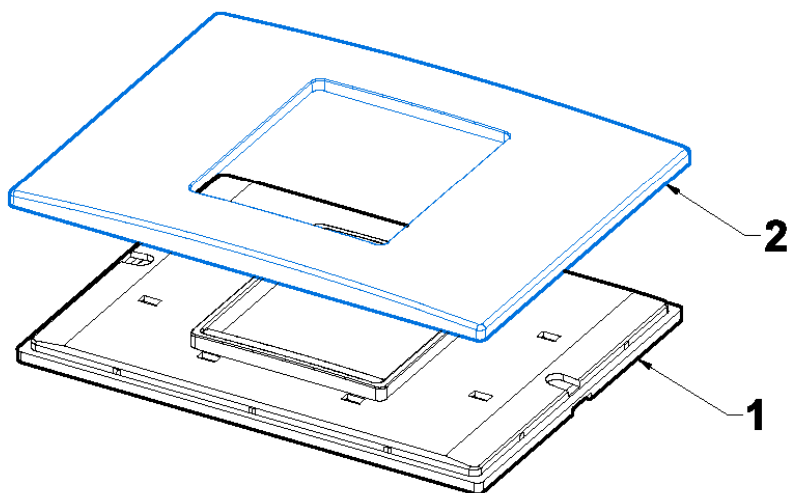


TABELA OZNAČAVANJA:

Linija boja	Oznaka n
BASIC	1
COLOR VIVID	2
COLOR METALLIC	3
COLOR SOFT TOUCH	4

Obrazac PR-2.02-01 Izdanje 1

2	Maska 2M/3M EXP	art.70n23.02	1	ABS		
1	Nosač maske 2M/3M EXP	art.70n23.01	1	PC		
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena
		Tolerancije slobodnih mera			Površinska zaštita	
		Materijal			Identifikacioni broj	Masa
						Razmera
Sklop	Kom					
			Datum	Ime	Potpis	Naziv
		Konstr.				MASKA 2M/3M EXP PLASTIČNA
		Crtao				
		Pregledao				
		Odobrio	06.07.15.	J. Ristić		
		ALING-CONEL GAJDOBRA			Oznaka	Lst
St. iz	Izmenio	Datum	Zamena za:			Listova:

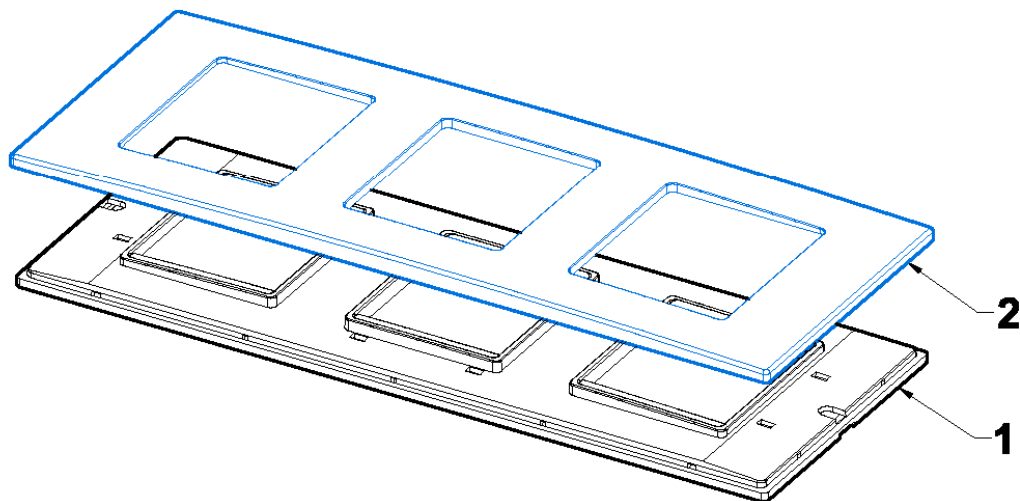



TABELA OZNAČAVANJA:

Linija boja	Oznaka n
BASIC	1
COLOR VIVID	2
COLOR METALLIC	3
COLOR SOFT TOUCH	4

2	Maska 2M EXP	art.70n32.02	1	ABS			
1	Nosač maske 2M EXP	art.70n32.01	1	PC			
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena	
		Tolerancije slobodnih mera			Površinska zaštita		
		Materijal			Identifikacioni broj	Masa	
						Razmera	
Sklop	Kom						
			Datum	Ime	Potpis	Naziv	
		Konstr.				MASKA 3X2M HORIZ. EXP PLASTIČNA	
		Crtao					
		Pregledao					
		Odobrio	06.07.15.	J. Ristić			
		 ALING-CONEL GAJDOBRA				Oznaka	Lst
St. iz	Izmenio	Datum				Zamena za:	Listova:

Obrazac PR.2.02-01 izdanje 1

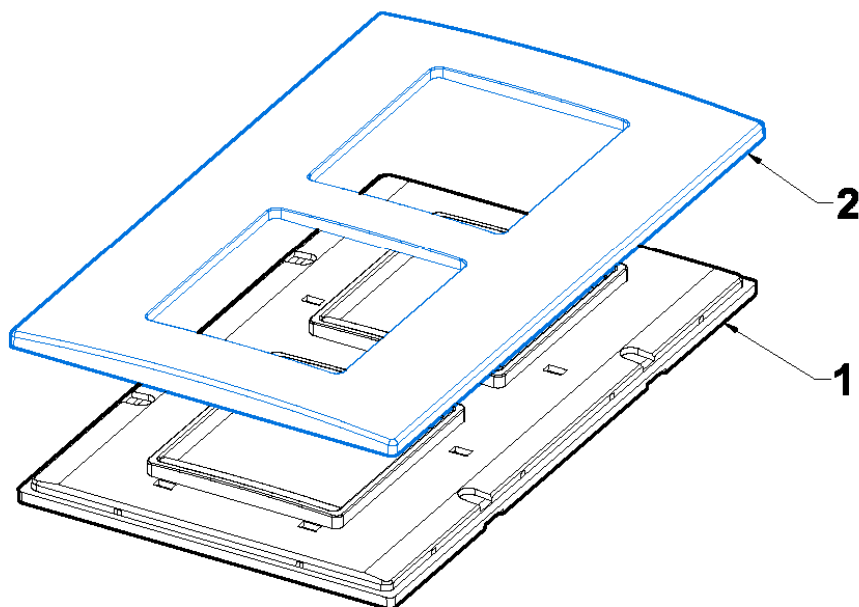


TABELA OZNAČAVANJA:

Linija boja	Oznaka n
BASIC	1
COLOR VIVID	2
COLOR METALLIC	3
COLOR SOFT TOUCH	4

Obrazac PR-2.02-01 izdanje 1

2	Maska 2M EXP	art.70n42.02	1	ABS		
1	Nosač maske 2M EXP	art.70n42.01	1	PC		
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena
Tolerancije slobodnih mera				Površinska zaštita		
Materijal				Identifikacioni broj		
Sklop				Masa		
Kom				Razmera		
Konstr.				Datum		
Crtao				Ime		
Pregledao				Potpis		
Odobrio				06.07.15. J. Ristić		
ALING-CONEL				Naziv		
GAJDOBRA				MASKA 2x2M VERTIK. EXP PLASTIČNA		
Oznaka				art.70n42		
Lst				Listova:		
St. iz				Zamena za:		
Izmenio				Datum		

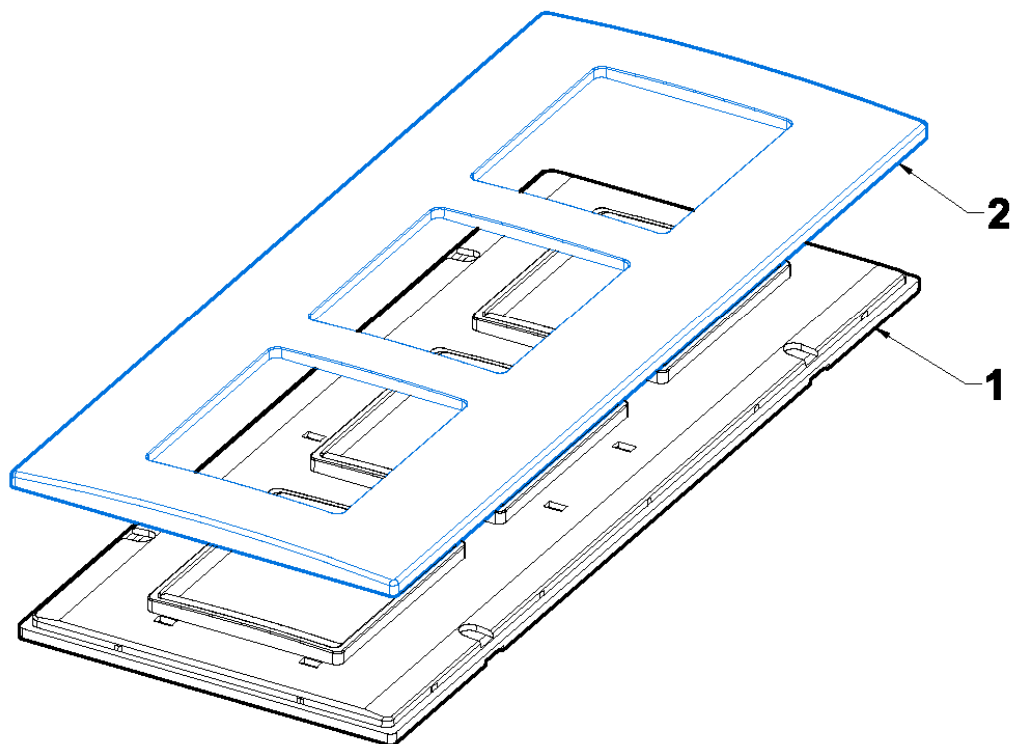

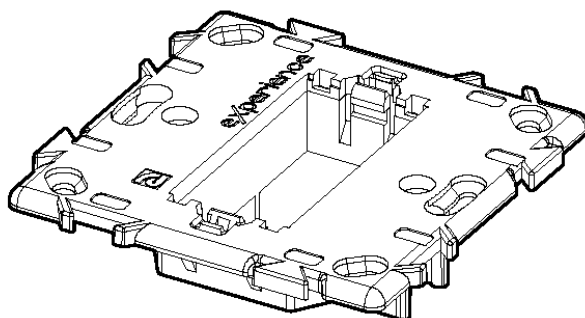


TABELA OZNAČAVANJA:


Linija boja	Oznaka n
BASIC	1
COLOR VIVID	2
COLOR METALLIC	3
COLOR SOFT TOUCH	4

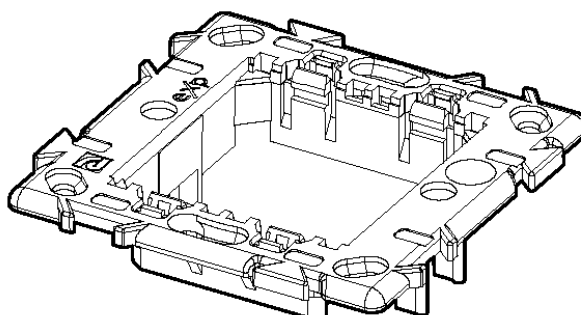
2	Maska 2M EXP	art.70n62.02	1	ABS		
1	Nosač maske 2M EXP	art.70n62.01	1	PC		
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena
		Tolerancije slobodnih mera			Površinska zaštita	
		Materijal			Identifikacioni broj	Masa
	Sklop	Kom				Razmera
			Konstr.	Datum	Ime	Potpis
			Crtao			
			Pregledao			
			Odobrio	06.07.15.	J. Ristić	
			 ALING-CONEL GAJDOBRA			Naziv
						MASKA 3x2M VERTIK. EXP PLASTIČNA
						Oznaka
						art.70n62
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						Listova:
St. iz	Izmenio	Datum				Zamena za:


Obrazac PR.2.02-01 izdanje 1



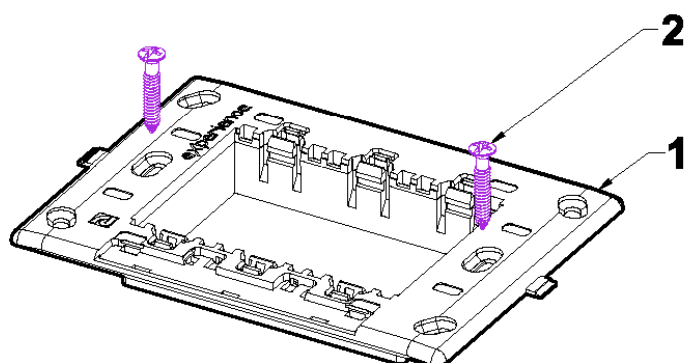
Obrazac PR-2.02-01 izdanje 1

1	Prirubnica 1M EXP	art.71001.01	1	PC			
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena	
				Tolerancije slobodnih mera		Površinska zaštita	
				Materijal		Identifikacioni broj	
Sklop		Kom			Masa	Razmera	
			Datum	Ime	Potpis	Naziv	
		Konstr.				PRIRUBNICA 1M EXP ZA ŠUPLJI ZID	
		Crtao					
		Pregledao					
		Odobrio	06.07.15.	J. Ristić			
		 ALING-CONEL GAJDOBRA				Oznaka	List
						art.71001	Listova:
St. iz	Izmenio	Datum					Zamena za:



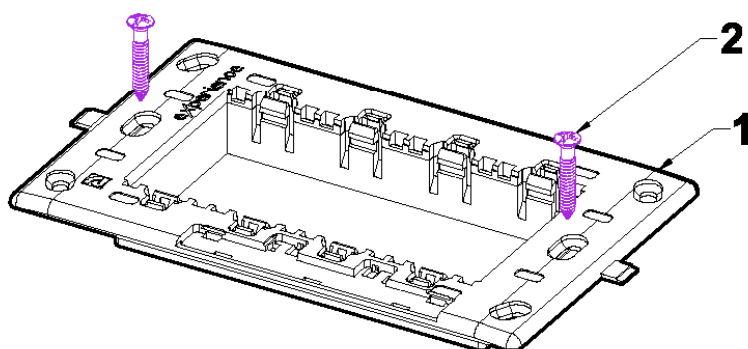
1	Prirubnica 2M EXP		art.71002.01		1	PC			
Poz.	Naziv		Oznaka		Kom.	Materijal		Dimenzije	
		Tolerancije slobodnih mera				Površinska zaštita			
		Materijal				Identifikacioni broj		Masa	Razmera
Sklop		Kom							
			Konstr.	Datum	Ime	Potpis	Naziv		
			Crtao				PRIRUBNICA 2M EXP ZA ŠUPLJI ZID		
			Pregledao						
			Odobrio	06.07.15.	J. Ristić		Oznaka		
			 ALING-CONEL GAJDOBRA			art.71002		List	
						Listova:			
St. iz	Izmenio	Datum					Zamena za:		


Obrazac PR.2.02-01 izdanje 1



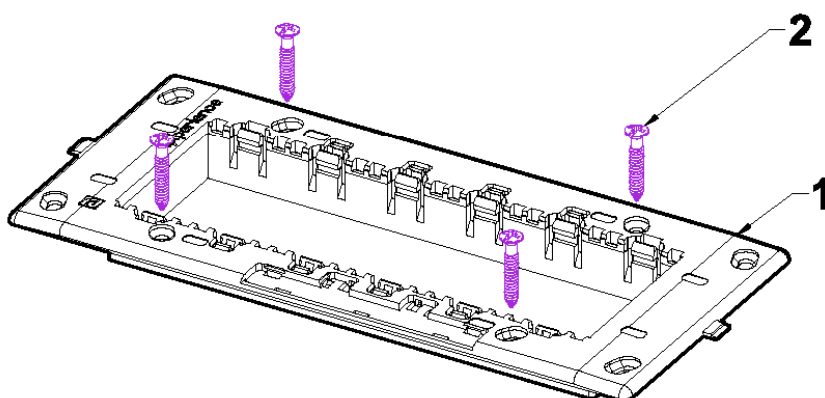
Obrazac PR-2.02-01 Izdanje 1

2	Vijak 3,5x20 za prirubnicu	art.6513.02	2			
1	Prirubnica 3M EXP	art.71003.01	1	PC		
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena
Tolerancije slobodnih mera				Površinska zaštita		
Materijal				Identifikacioni broj		
Sklop	Kom			Masa	Razmera	
		Datum	Ime	Potpis	Naziv	
		Konstr.			PRIRUBNICA 3M EXP SA VIJCIMA	
		Crtao				
		Pregledao				
		Odobrio	09.05.14.	J. Ristić		
		ALING-CONEL GAJDOBRA			Oznaka	List
					art.71003	
St. iz	Izmenio	Datum	Zamena za:			



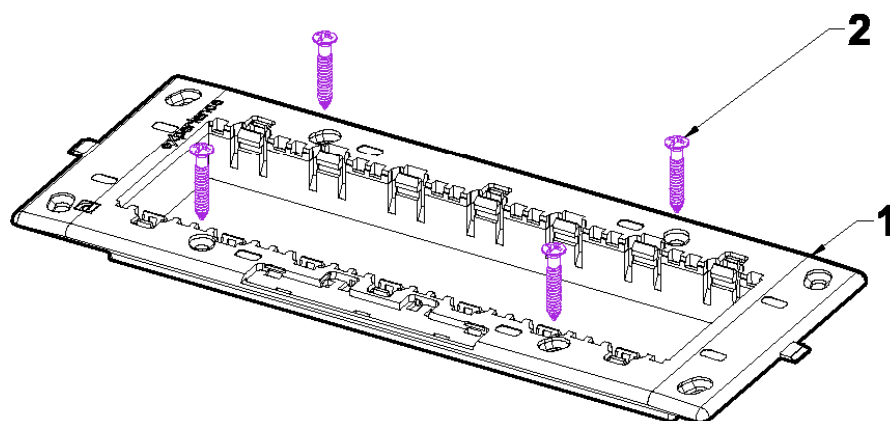
2	Vijak 3,5x20 za prirubnicu	art.6513.02	2					
1	Prirubnica 4M EXP	art.71004.01	1	PC				
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena		
		Tolerancije slobodnih mera			Površinska zaštita			
		Materijal			Identifikacioni broj	Masa		
	Sklop	Kom				Razmera		
			Konstr.	Datum	Ime	Potpis		
			Crtao					
			Pregledao					
			Odobrio	09.05.14.	J. Ristić			
			 ALING-CONEL GAJDOBRA			PRIRUBNICA 4M EXP SA VIJCIMA		
St. iz	Izmenio	Datum			Oznaka	List		
					art.71004	Listova:		
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Obrazac PR.2.02-01 izdanje 1



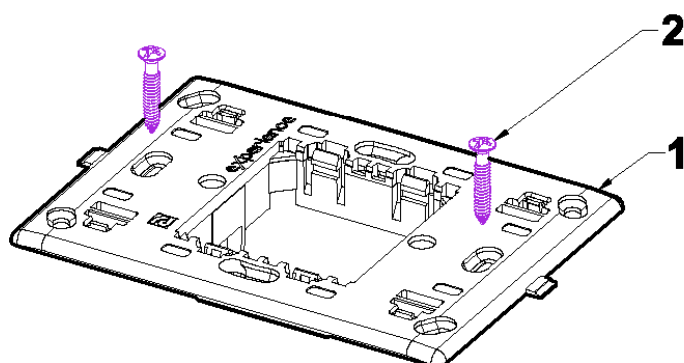
Obrazac PR.2.02-01 Izdanje 1

2	Vijak 3,5x20 za prirubnicu	art.6513.02	4			
1	Prirubnica 6M EXP	art.71006.01	1	PC		
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena
Tolerancije slobodnih mera				Površinska zaštita		
Materijal				Identifikacioni broj		
Sklop				Masa		
Kom				Razmera		
		Datum	Ime	Potpis	Naziv	
	Konstr.				PRIRUBNICA 6M EXP SA VIJCIMA	
	Crtao					
	Pregledao					
	Odobrio	09.05.14.	J. Ristić			
ALING-CONEL GAJDOBRA				Oznaka		List
				art.71006		Listova:
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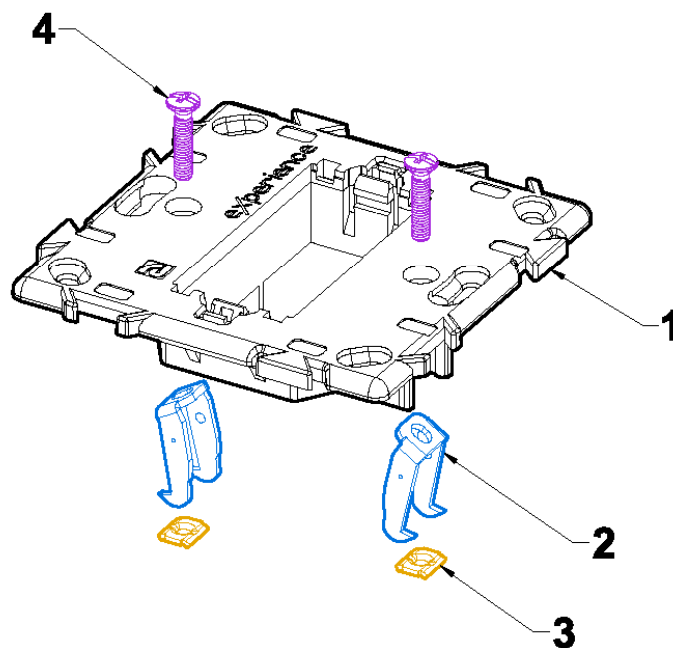
2	Vijak 3,5x20 za prirubnicu	art.6513.02	4				
1	Prirubnica 7M EXP	art.71007.01	1	PC			
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena	
		Tolerancije slobodnih mera			Površinska zaštita		
		Materijal			Identifikacioni broj	Masa	
	Sklop	Kom				Razmera	
			Konstr.	Datum	Ime	Potpis	
			Crtao				
			Pregledao				
			Odobrio	09.05.14.	J. Ristić		
			 ALING-CONEL GAJDOBRA			Oznaka	
						art.71007	List
							Listova:
St. iz	Izmenio	Datum	Zamena za:				


Obrazac PR.2.02-01 izdanje 1



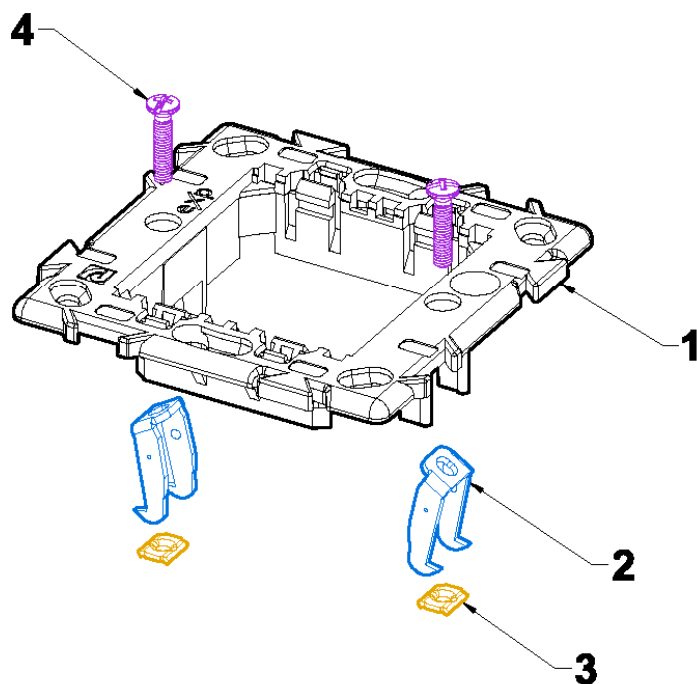
Obrazac PR-2.02-01 Izdanje 1


2	Vijak 3,5x20 za prirubnicu	art.6513.02	2			
1	Prirubnica 3M EXP	art.71023.01	1	PC		
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena
Tolerancije slobodnih mera				Površinska zaštita		
Materijal				Identifikacioni broj		
Sklop	Kom			Masa	Razmera	
		Datum	Ime	Potpis	Naziv	
		Konstr.			PRIRUBNICA 2/3M EXP SA VIJCIMA	
		Crtao				
		Pregledao				
		Odobrio	06.07.15.	J. Ristić		
		 ALING-CONEL GAJDOBRA			Oznaka	List
					art.71023	Listova:
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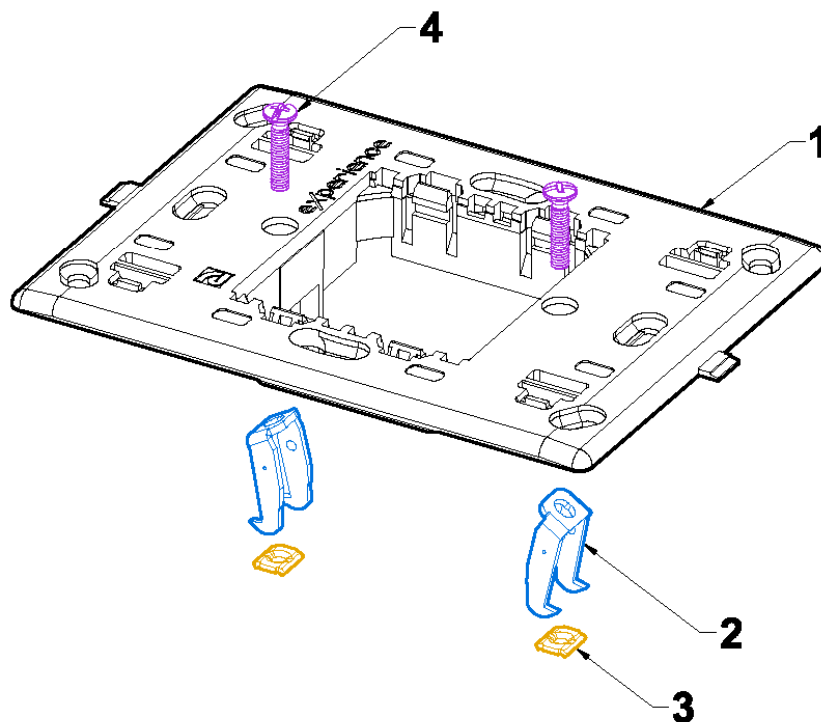
4	Vijak	JUS M.B1.144	2	5.8	M3x14	Zn	
3	Navrtka stegača	art.605.23	2	DC 01	=1x40	gal Zn5	
2	Stegač uža	art.605.22	2	DC 01	=1,2x41	gal Zn5	
1	Prirubnica 1M EXP	art.71001.01	1	PC			
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena	
		Tolerancije slobodnih mera			Površinska zaštita		
		Materijal			Identifikacioni broj	Masa	
	Sklop	Kom				Razmera	
			Datum	Ime	Potpis	Naziv	
		Konstr.				PRIRUBNICA 1M EXP SA STEGAČIMA	
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		Pregledao					
		Odobrio	09.05.14.	J. Ristić			
			 ALING-CONEL GAJDOBRA			Oznaka	List
						art.71101	Listova:
St. iz	Izmenio	Datum				Zamena za:	

Obrazac PR.2.02.01 izdanje 1



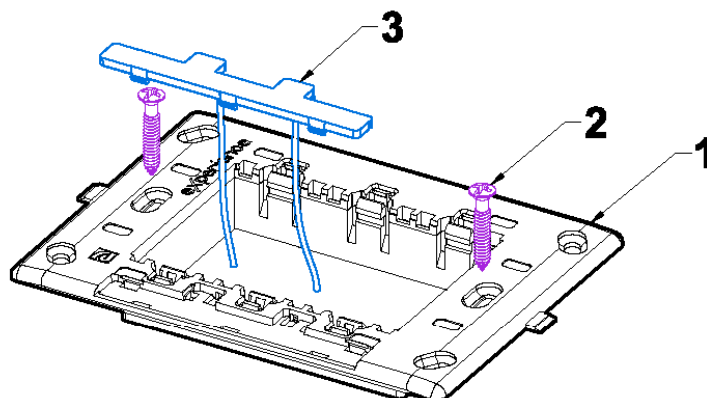
4	Vijak	JUS M.B1.144	2	5.8	M3x14	Zn	
3	Navrtka stegača	art.605.23	2	DC 01	=1x40	gal Zn5	
2	Stegač uža	art.605.22	2	DC 01	=1,2x41	gal Zn5	
1	Prirubnica 2M EXP	art.71002.01	1	PC			
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena	
		Tolerancije slobodnih mera			Površinska zaštita		
		Materijal			Identifikacioni broj	Masa	
	Sklop	Kom				Razmera	
					Naziv PRIRUBNICA 2M EXP SA STEGAČIMA		
		Konstr.	Datum	Ime			Potpis
		Crtao					
		Pregledao					
		Odobrio	09.05.14.	J. Ristić			
		 ALING-CONEL GAJDOBRA			Oznaka		List
					art.71102		Listova:
St. iz	Izmenio				Datum	Zamena za:	

Obrazac PR-2.02-01 izdanje 1

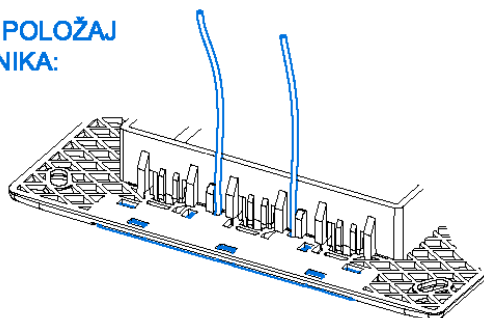



4	Vijak	JUS M.B1.144	2	5.8	M3x14	Zn
3	Navrtka stegača	art.605.23	2	DC 01	=1x40	gal Zn5
2	Stegač uža	art.605.22	2	DC 01	=1,2x41	gal Zn5
1	Prirubnica 2M/3M EXP	art.71023.01	1	PC		
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena
		Tolerancije slobodnih mera			Površinska zaštita	
		Materijal			Identifikacioni broj	Masa
	Sklop	Kom				Razmera

Obrazac PR.2.02.01 izdanje 1

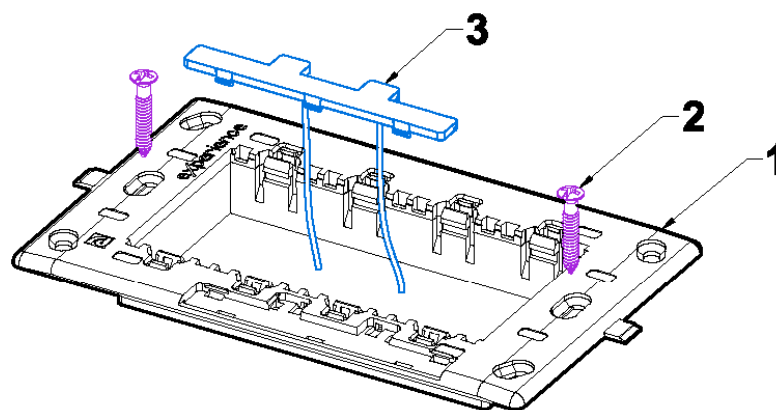


ZAVRŠNI POLOŽAJ
PROVODNIKA:

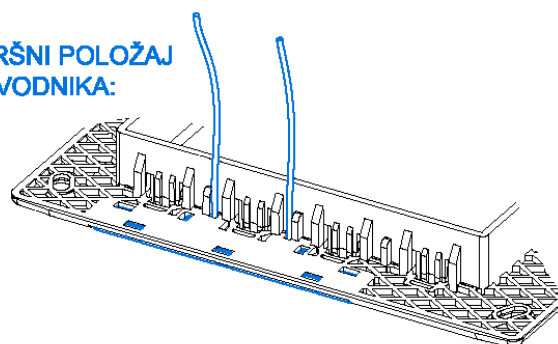



3	LED osvetljenje za 3M i 7M	PSK.71303.1	1				
2	Vijak 3,5x20 za prirubnicu	art.6513.02	2				
1	Prirubnica 3M EXP	art.71003.01	1	PC			
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena	
		Tolerancije slobodnih mera			Površinska zaštita		
		Materijal			Identifikacioni broj	Masa	
	Sklop	Kom			Razmera		
					Naziv		
		Konstr.	Datum	Ime	Potpis	PRIRUBNICA 3M EXP SA VIJC. I LED OSVET.	
		Crtao					
		Pregledao					
		Odobrio	06.07.15.	J. Ristić			
		 ALING-CONEL GAJDOBRA				Oznaka	Lst
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Obrazac PR-2.02-01 Izdanje 1

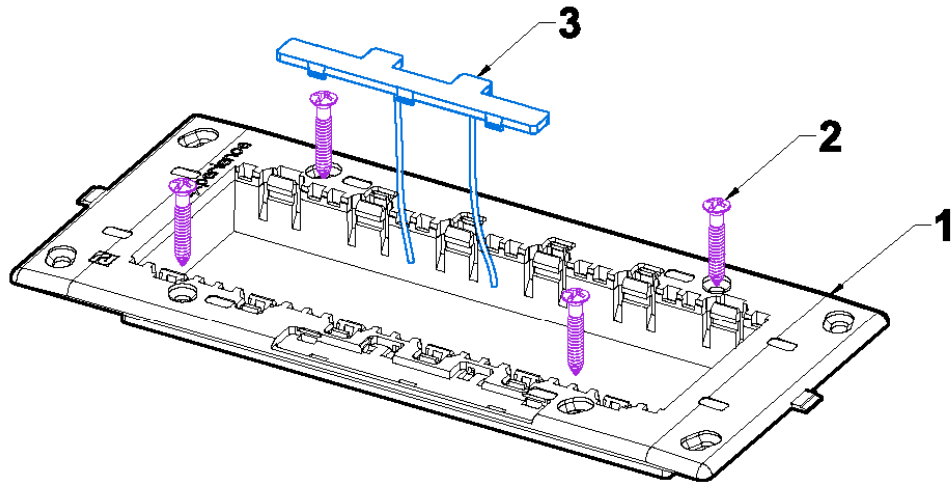


ZAVRŠNI POLOŽAJ
PROVODNIKA:

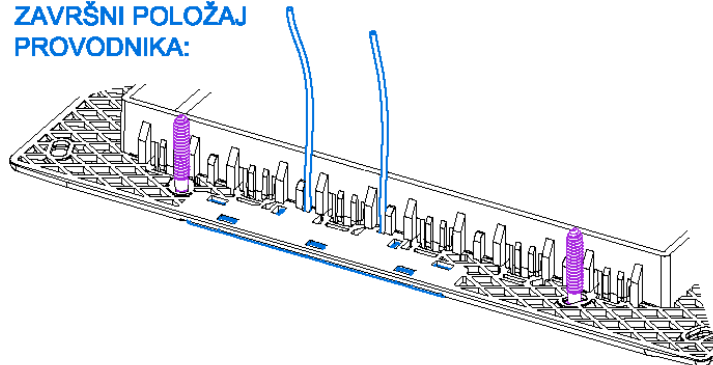



3	LED osvetljenje za 4M i 6M	PSK.71304.1	1				
2	Vijak 3,5x20 za prirubnicu	art.6513.02	2				
1	Prirubnica 3M EXP	art.71004.01	1	PC			
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena	
		Tolerancije slobodnih mera			Površinska zaštita		
		Materijal			Identifikacioni broj	Masa	
	Sklop	Kom				Razmera	
			Konstr.	Datum	Ime	Potpis	
			Crtao				
			Pregledao				
			Odobrio	06.07.15.	J. Ristić		
			 ALING-CONEL GAJDOBRA			Naziv	
						PRIRUBNICA 4M EXP SA VIJC. I LED OSVET.	
St. iz	Izmenio	Datum			Oznaka	List	
					art.71304	Listova:	
					Zamena za:		

Obrazac PR.2.02-01 izdanje 1

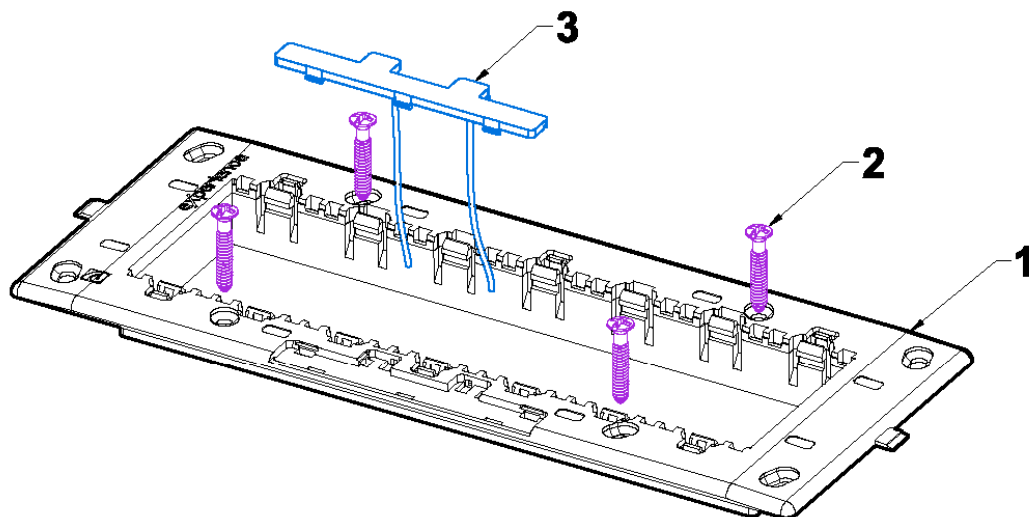


ZAVRŠNI POLOŽAJ
PROVODNIKA:

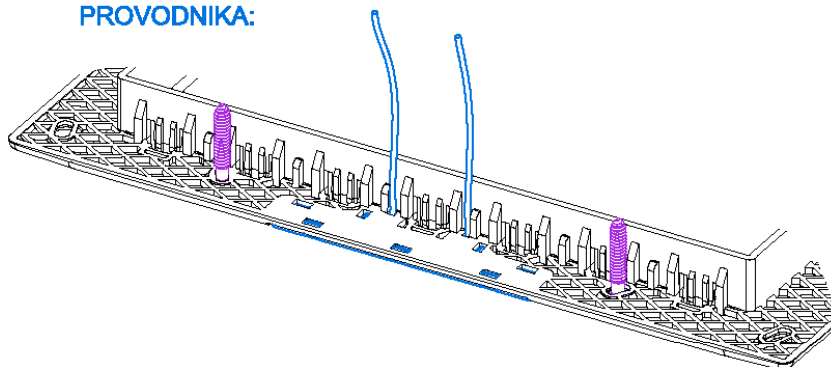



3	LED osvetljenje za 4M i 6M	PSK.71304.1	1			
2	Vijak 3,5x20 za prirubnicu	art.6513.02	4			
1	Prirubnica 3M EXP	art.71006.01	1	PC		
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena
		Tolerancije slobodnih mera			Površinska zaštita	
		Materijal			Identifikacioni broj	Masa
	Sklop	Kom			Razmera	
					Naziv	
		Konstr.	Datum	Ime	Potpis	PRIRUBNICA 6M EXP SA VIJC. I LED OSVET.
		Crtao				
		Pregledao				
		Odobrio	06.07.15.	J. Ristić		
		 ALING-CONEL GAJDOBRA				Oznaka
						art.71306
						List
St. iz	Izmenio	Datum				Listova:
						Zamena za:

Obrazac PR-2.02-01 Izdanje 1

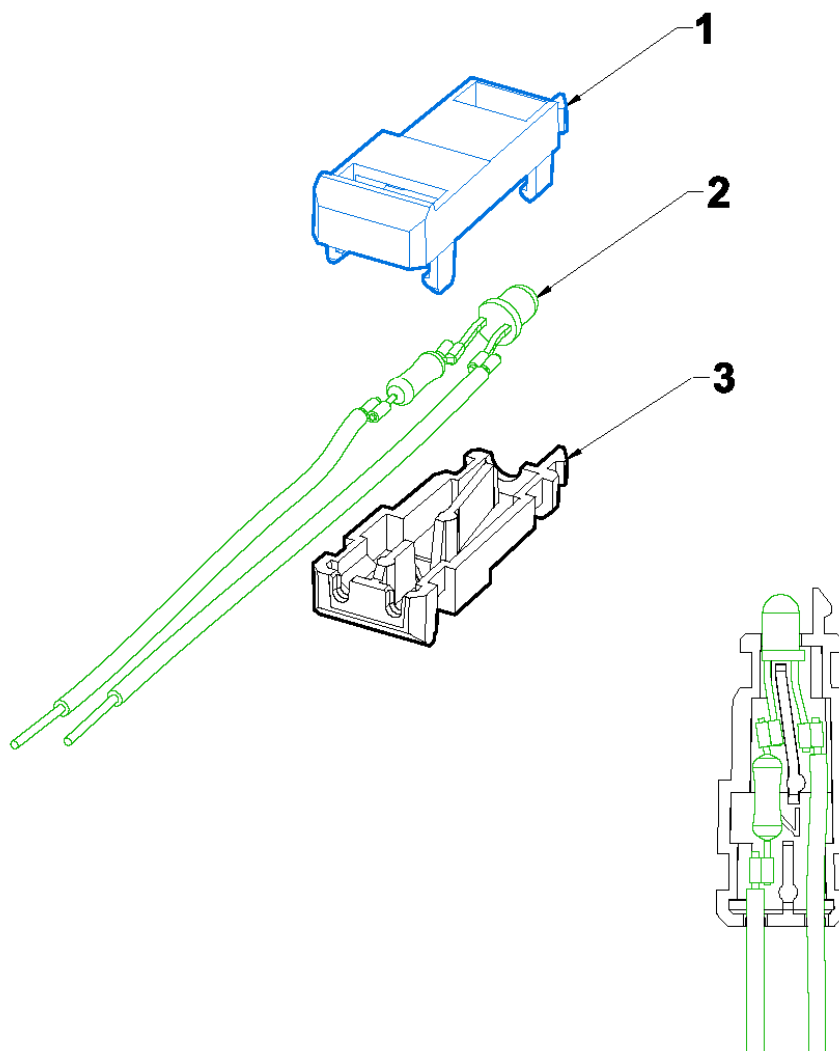


ZAVRŠNI POLOŽAJ
PROVODNIKA:



3	LED osvetljenje za 3M i 7M	PSK.71303.1	1				
2	Vijak 3,5x20 za prirubnicu	art.6513.02	4				
1	Prirubnica 3M EXP	art.71007.01	1	PC			
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena	
		Tolerancije slobodnih mera			Površinska zaštita		
		Materijal			Identifikacioni broj	Masa	
	Sklop	Kom				Razmera	
			Datum	Ime	Potpis	Naziv	
		Konstr.				PRIRUBNICA 7M EXP SA VIJC. I LED OSVET.	
		Crtao					
		Pregledao					
		Odobrio	06.07.15.	J. Ristić			
		 ALING-CONEL GAJDOBRA				Oznaka	List
							art.71307
St. iz	Izmenio	Datum	Zamena za:				

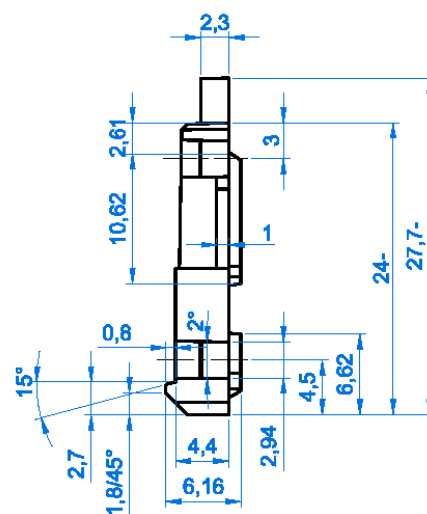
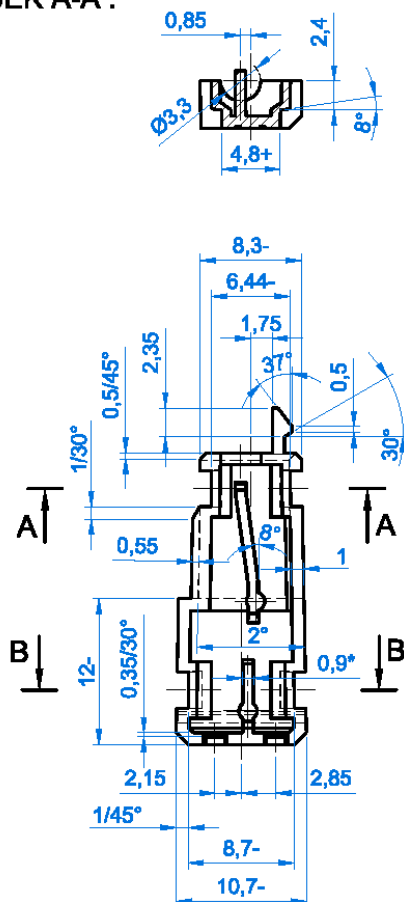
Obrazac PR.2.02-01 izdanje 1



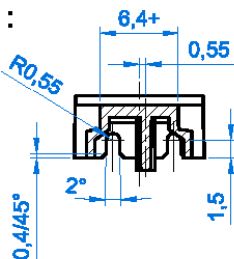
3	Kuč. ind. sa prov. levo EXP	art.72182.02	1	PC		
2	LED za provodnike EXP	art.72182.03	1			
1	Kuč. ind. sa prov. desno EXP	art.72182.01	1	PC		
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena
		Tolerancije slobodnih mera			Površinska zaštita	
		Materijal			Identifikacioni broj	Masa
Sklop	Kom					Razmera 2:1
		Konstr.	Datum	Ime	Potpis	Naziv LED INDIKACIJA EXP SA PROVODNICIMA
		Crtao				
		Pregledao				
		Odobrio	15.01.15.	J. Ristić		
		 ALING-CONEL GAJDOBRA				Oznaka
						List Listova:
St. iz	Izmenio	Datum	Zamena za:			

Obrazac PR-2.02-01 Izdanje 1

PRESEK A-A :

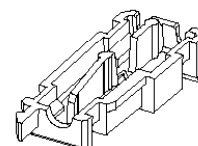


PRESEK B-B :




NAPOMENE:

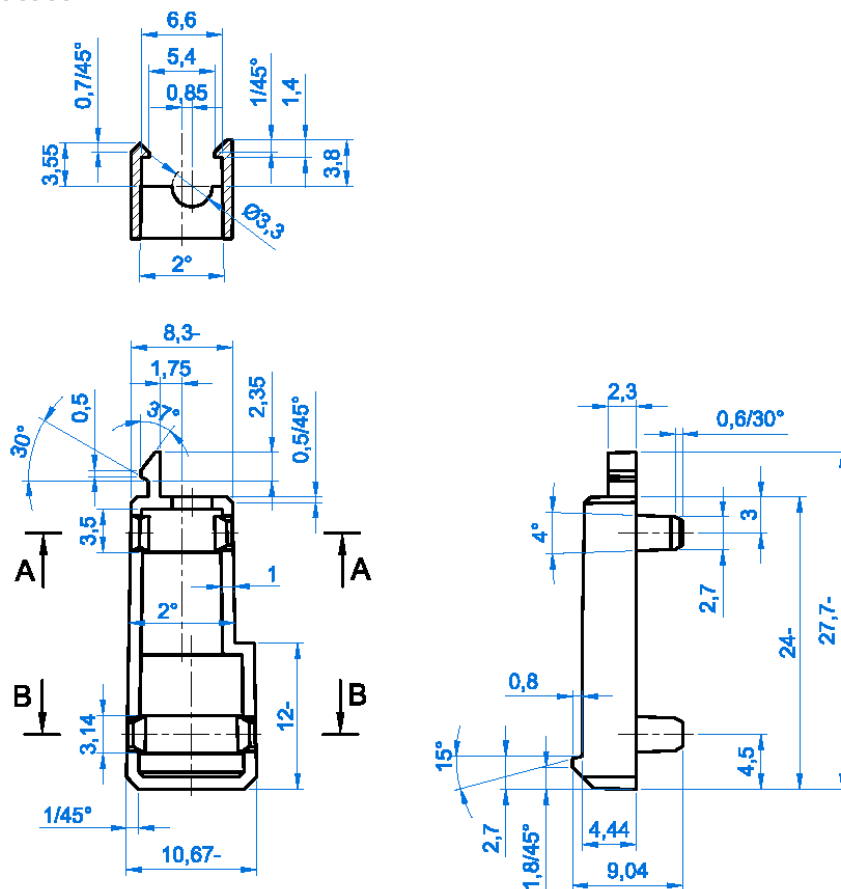
- 1) * -0.5°/strani
- 2) ** +0.5°/strani
- 3) - -1°/strani
- 4) + +1°/strani



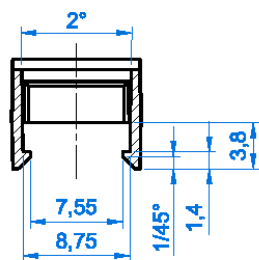
Obrazac PR.2.02-01/A4 Izdanje 1

		Tolerancije slobodnih mera				Površinska zaštita			
		SRPS G.A1.500 E							
		Materijal				Identifikacioni broj		Masa	Razmera
Sklop		Kom		PC					2 : 1
				Konstr.	Datum	Ime	Potpis	Naziv	
				Crtao	28.01.15.	B. Simonović		KUĆIŠTE INDIKACIJE SA PROV. DESNO EXP	
				Pregledao		J. Ristić			
				Odobrio	02.02.15.	J. Ristić			
				 ALING-CONEL GAJDOBRA				Oznaka	
								art.72182.01	
St. iz		Izmenio		Datum				List	
								Listova:	
								Zamena za:	

PRESEK A-A :

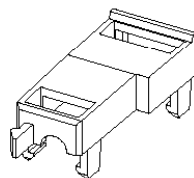


PRESEK B-B :




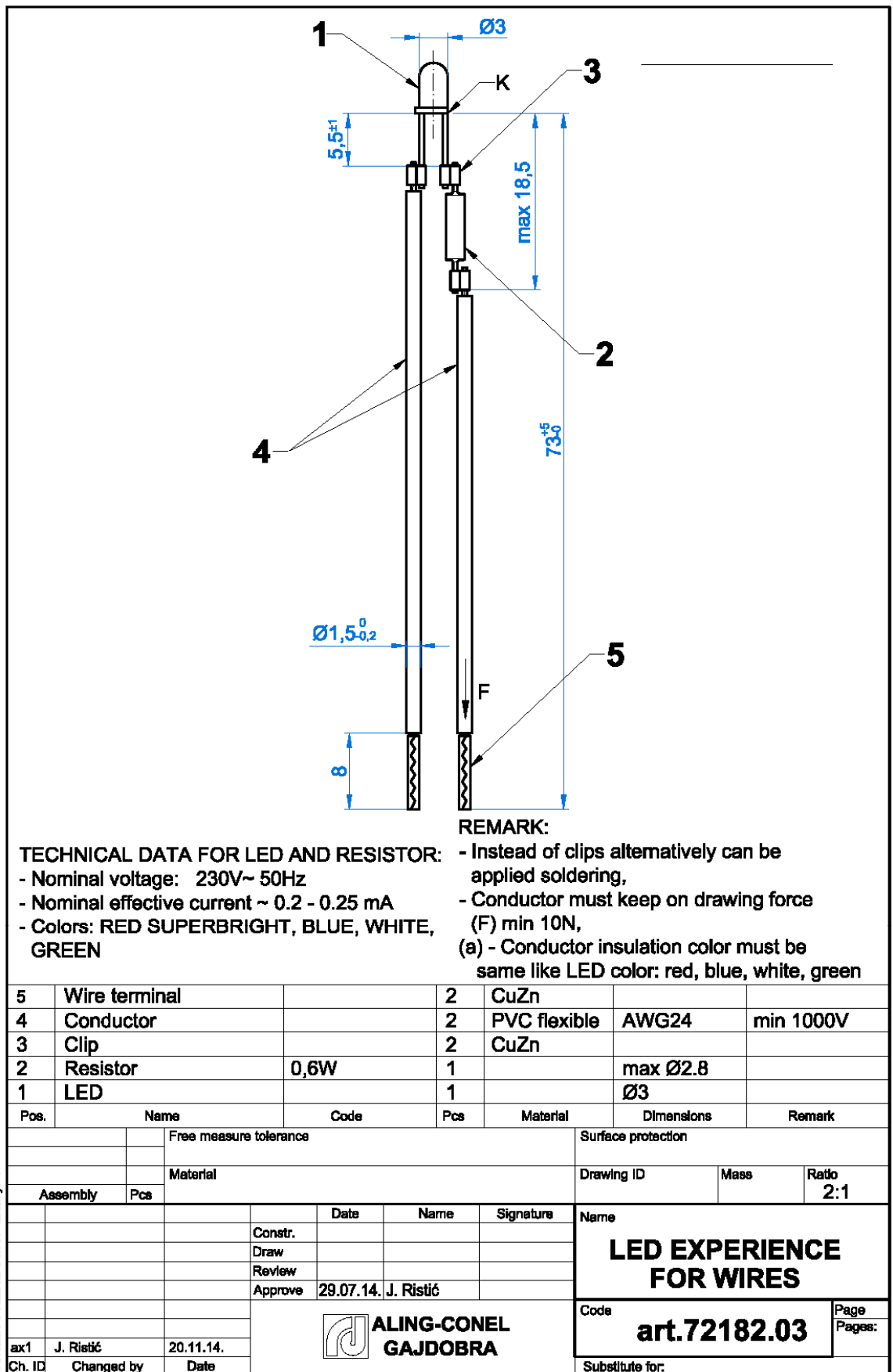
NAPOMENE:

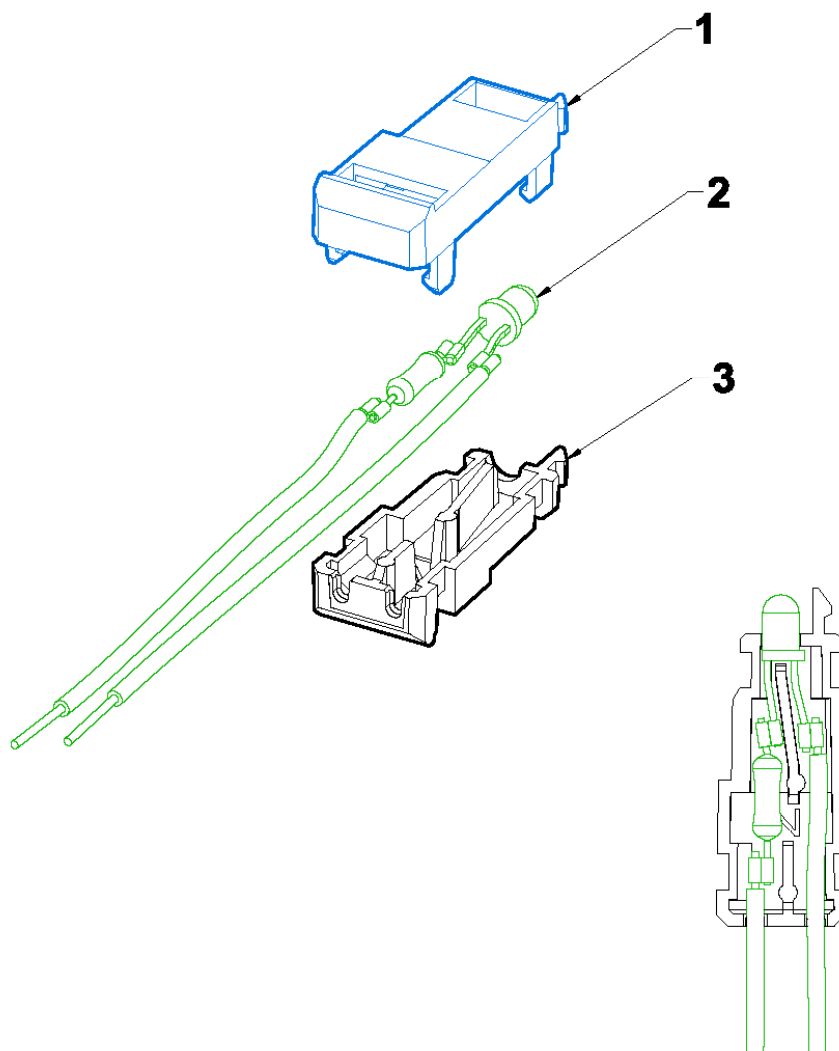
- 1) * -0,5°/strani
- 2) ** +0,5°/strani
- 3) - -1°/strani
- 4) + +1°/strani




Obrazac PR-2.02-01/A4 Izdanje 1

		Tolerancije slobodnih mera				Površinska zaštita			
		SRPS G.A1.500 E							
		Materijal				Identifikacioni broj		Masa	Razmera
Sklop		Kom	PC						2 : 1
				Datum	Ime	Potpis	Naziv		
			Konstr.				KUĆIŠTE INDIKACIJE SA PROV. LEVO EXP		
			Crtao	28.01.15.	B. Simonović				
			Pregledao		J. Ristić				
			Odobrio	02.02.15.	J. Ristić		Oznaka		List
			 ALING-CONEL GAJDOBRA				art.72182.02		Listova:
St. iz	Izmenio	Datum					Zamena za:		





3	Kuč. ind. sa prov. levo EXP	art.72182.02	1	PC		
2	LED 24V za provodnike EXP	art.72184.03	1			
1	Kuč. Ind. sa prov. desno EXP	art.72182.01	1	PC		
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena
		Tolerancije slobodnih mera			Površinska zaštita	
		Materijal			Identifikacioni broj	Masa
Sklop	Kom					Razmera 2:1
		Konstr.	Datum	Ime	Potpis	Naziv LED INDIKACIJA 24V EXP SA PROVODN.
		Crtao				
		Pregledao				
		Odobrio	10.02.15.	J. Ristić		
		 ALING-CONEL GAJDOBRA				Oznaka
St. iz	Izmenio	Datum				art.72184
						Zamena za:
						List Listova:

Obrazac PR-2.02-01 Izdanje 1



**ALING-CONEL
GAJDOBRA**

Technical drawing of a wire terminal assembly. The drawing shows a vertical assembly with the following dimensions and callouts:

- 1**: LED component at the top.
- 2**: Resistor component below the LED.
- 3**: Clip component.
- 4**: Conductor wire.
- 5**: Wire terminal at the bottom.

Dimensions:

- Top diameter: $\varnothing 3$
- Distance from top to clip: $5,5 \pm 1$
- Distance from clip to resistor: $\max 18,5$
- Distance from resistor to terminal: 73 ± 5
- Terminal diameter: $\varnothing 1,5 \pm 0,2$
- Terminal length: 8
- Force **F** is indicated at the terminal.

REMARK:

- Instead of clips alternatively can be applied soldering,
- Conductor must keep on drawing force (F) min 10N,
- (a) - Conductor insulation color must be same like LED color: red

TECHNICAL DATA FOR LED AND RESISTOR:

- Nominal voltage: 24V~ 50Hz
- Nominal effective current ~ 0.2 - 0.25 mA
- Colors: RED SUPERBRIGHT

5	Wire terminal		2	CuZn		
4	Conductor		2	PVC flexible	AWG24	min 1000V
3	Clip		2	CuZn		
2	Resistor	0,6W/ 15kohm	1		max $\varnothing 2.8$	
1	LED		1		$\varnothing 3$	

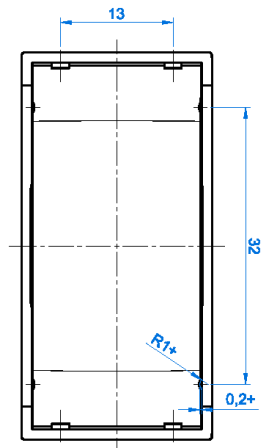
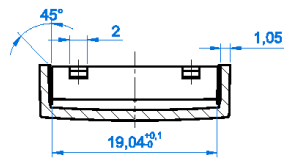
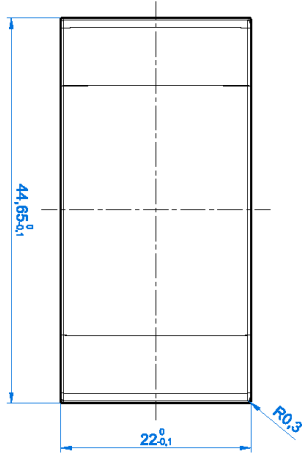
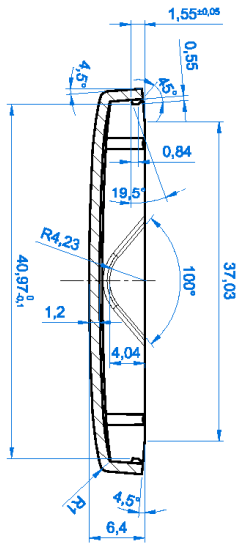
Pos.	Name	Code	Pcs	Material	Dimensions	Remark
Free measure tolerance						
Surface protection						
Material						
Drawing ID						
Mass						
Ratio 2:1						
Name						
LED 24V EXPERIENCE FOR WIRES						
Code						
art.72184.03						
Page						
Pages:						
Substitute for:						

ax1	J. Ristić	20.11.14.
Ch. ID	Changed by	Date

Constr.	Date	Name	Signature
Draw			
Review			
Approve	10.02.15.	J. Ristić	

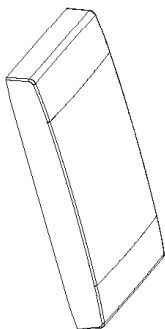
ALING-CONEL GAJDOBRA

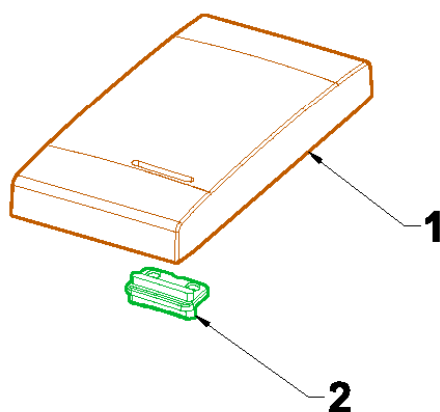
Obrazac PR.2.02-01/A3 Izdanje 1




NAPOMENE:

- 1) *-0,5%/strani
- 2) **+0,5%/strani
- 3) - -1%/strani
- 4) + +1%/strani

[illegible]

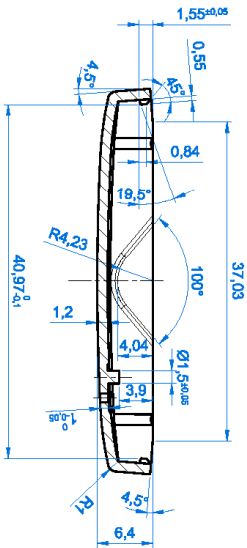


2	Sočivo tinjalice EXP	art.73201.02	1	PC			
1	Taster 1M EXP sa Indikac.	art.73201.01	1	PC			
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena	
Tolerancije slobodnih mera				Površinska zaštita			
Materijal				Identifikacioni broj		Masa	
Sklop		Kom			Razmera		
			Datum	Ime	Potpis	Naziv	
		Konstr.				TASTER EXP 1M SA INDIKACIJOM	
		Crtao					
		Pregledao					
		Odobrio	09.05.14.	J. Ristić			
			 ALING-CONEL GAJDOBRA			Oznaka art.73201	List Listova:
St. iz	Izmenio	Datum				Zamena za:	

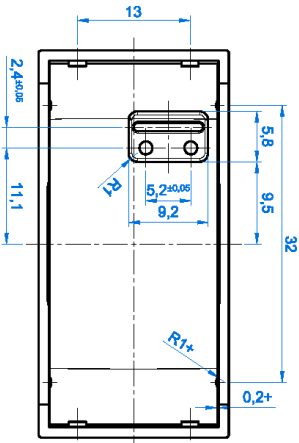
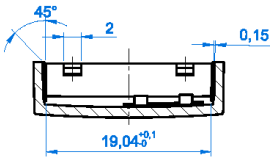
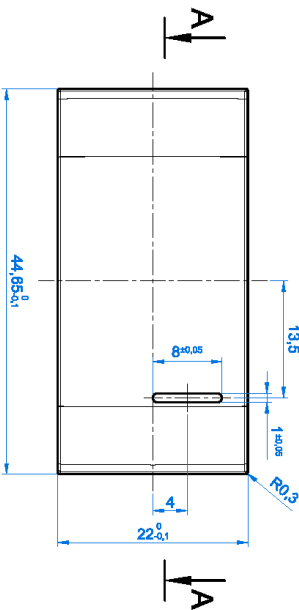
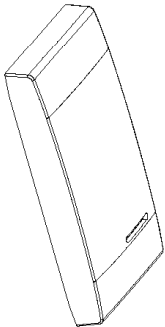
Obrazac PR.2.02-01 Izdanje 1

Obrazac PR.2.02-01/A3 Izdanje 1

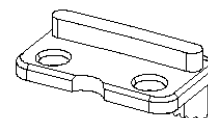
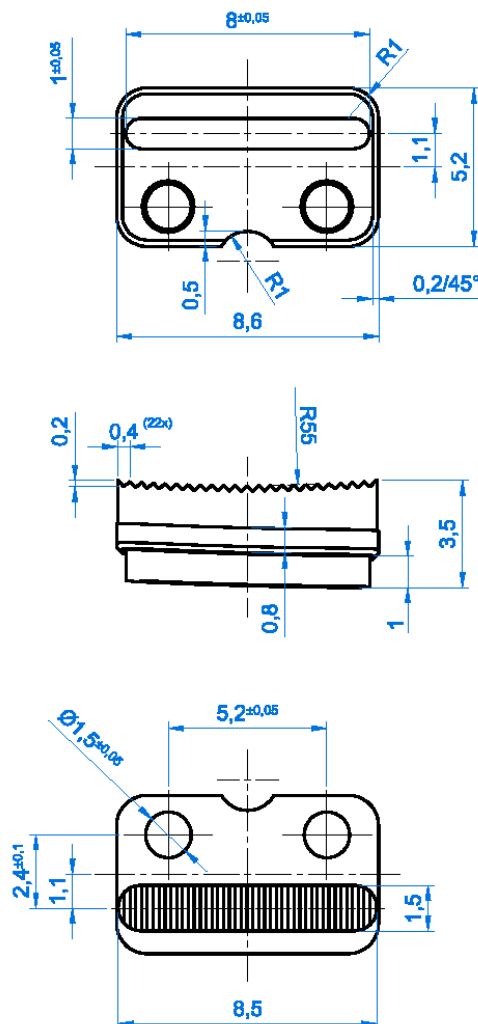
PRESEK A-A :




NAPOMENE:
 1) * -0,5°/strani
 2) ** +0,5°/strani
 3) - -1°/strani
 4) + +1°/strani

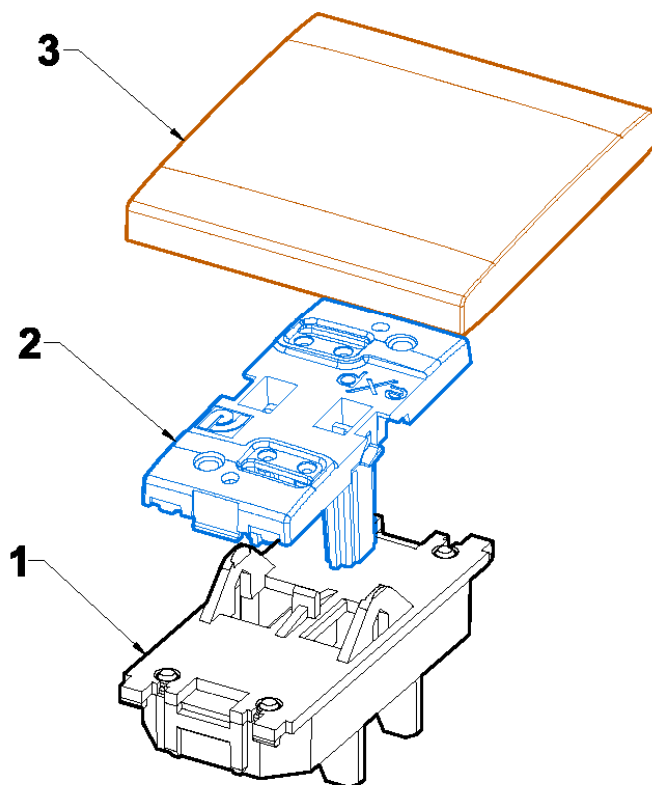



				Tolerancije slobodnih mera		Površinska zaštita	
				SRPS G.01.500 E		Identifikacioni broj	
						Masa	
						Razmera	
						2 : 1	
Sklup		Kom		Materijal			
				ABS			



Obrazac PRL2.02-01/A4 Izdanje 1

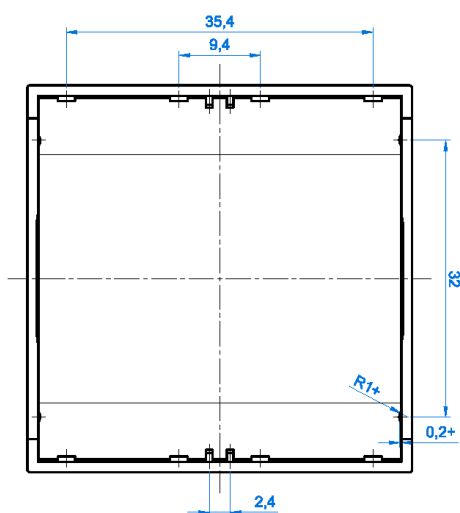
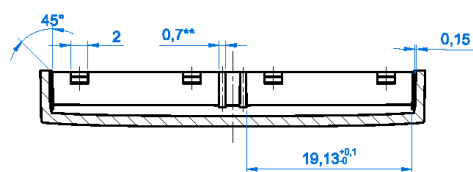
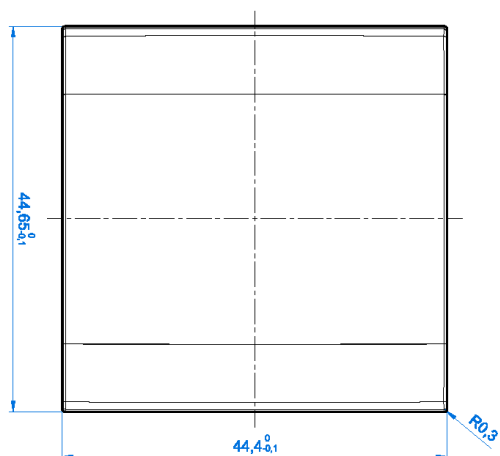
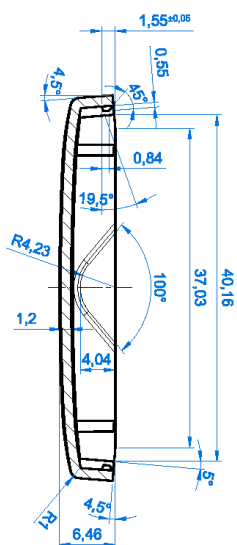
		Tolerancije slobodnih mera				Površinska zaštita		
		SRPS G.A1.500 E						
		Materijal				Identifikacioni broj		Masa
		PC transparent						Razmera
Sklop	Kom							5 : 1
		Konstr.	Datum	Ime	Potpis	Naziv		
		Crtao	02.12.14.	B. Simonović		SOČIVO TINJALICE EXPERIENCE		
		Pregledao		J. Ristić				
		Odobrio	05.01.15.	J. Ristić		Oznaka		
		 ALING-CONEL GAJDOBRA				art.73201.02		List Listova:
St. iz	Izmenio					Datum	Zamena za:	



3	Taster 2M EXP bez Indikacije	art.73301.01	1	ABS			
2	Tipkalo jednopolno EXP	art.72101.21	1	PC			
1	Nosač tastera 2M sklop EXP	PSK.73301.1	1	PC			
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena	
		Tolerancije slobodnih mera			Površinska zaštita		
		Materijal			Identifikacioni broj	Masa	
	Sklop	Kom				Razmera	
					Naziv		
		Konstr.	Datum	Ime	Potpis	TASTER EXP 2M	
		Crtao					
		Pregledao					
		Odobrio	09.05.14.	J. Ristić			
		 ALING-CONEL GAJDOBRA				Oznaka	List
St. iz	Izmenio	Datum	Zamena za:				

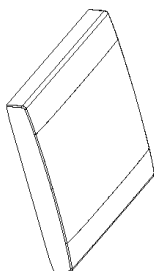
Obrazac PR-2.02-01 izdanje 1


Obrazac PR.2.02-01/A3 Izdanie 1



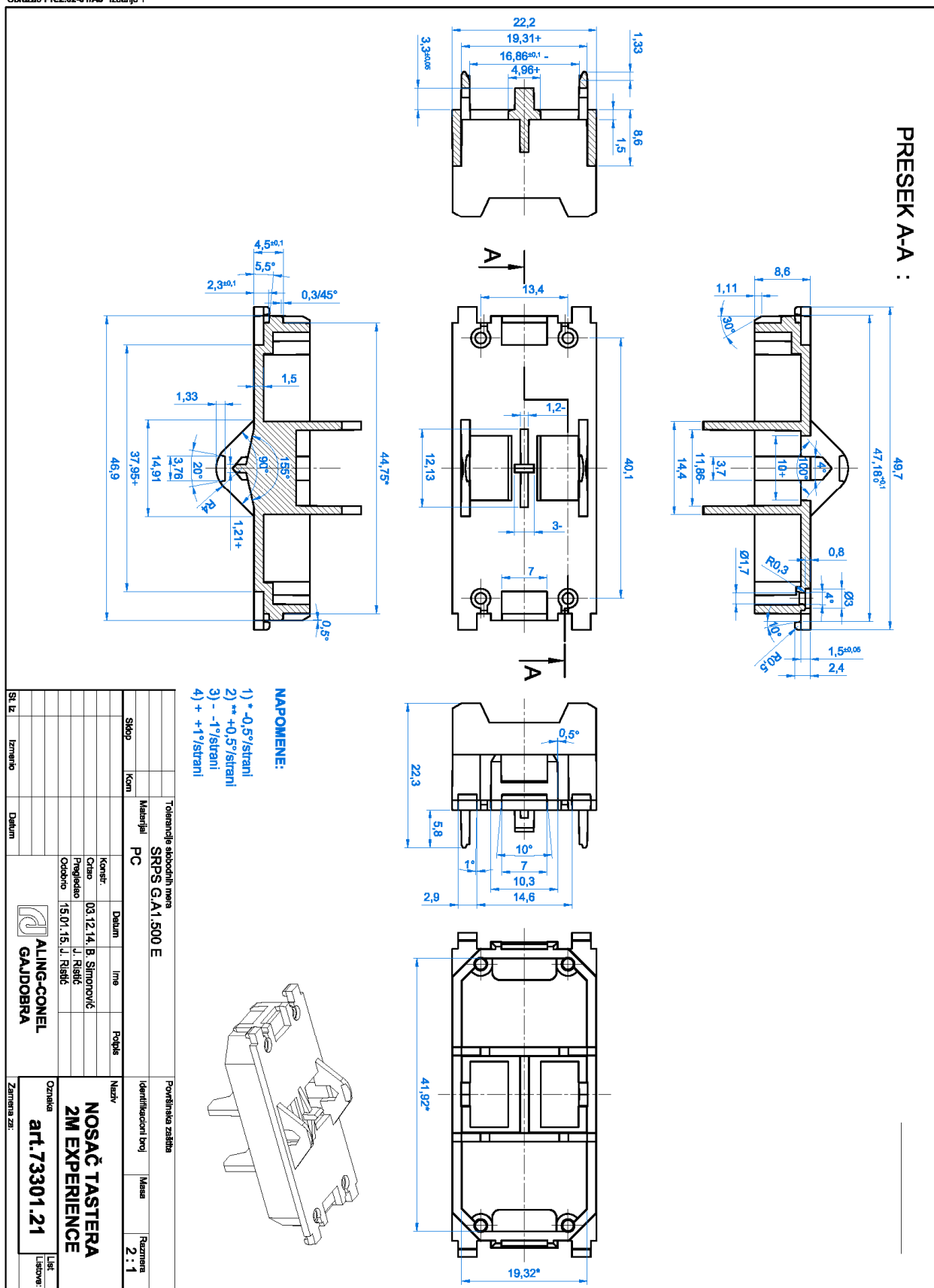
NAPOMENE:

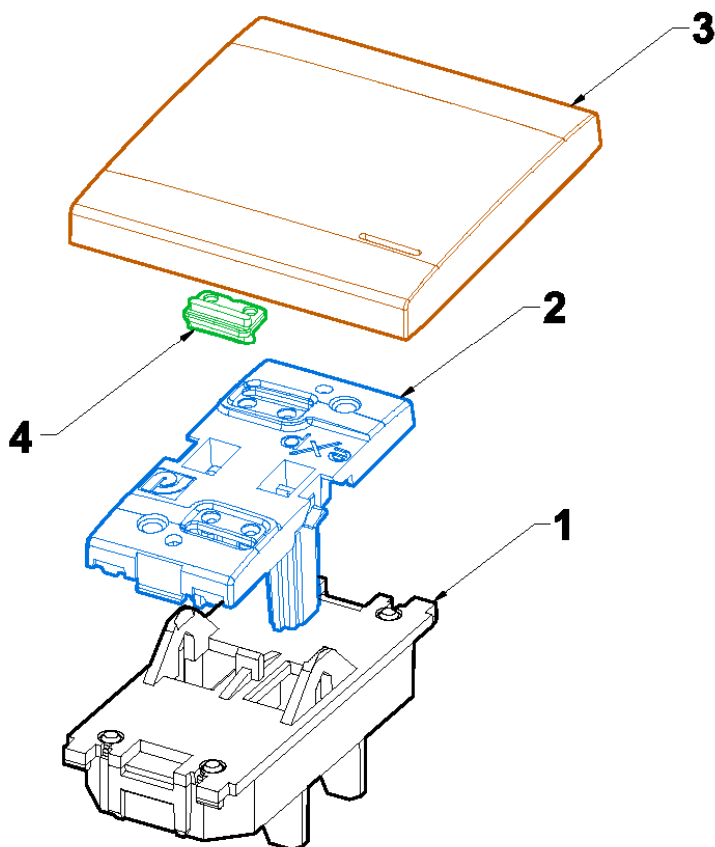
- 1) * -0,5°/strani
- 2) ** +0,5°/strani
- 3) - -1°/strani
- 4) + +1°/strani




		Tolerancije sklopotnih mera		Površinska zaštita	
		SRPS G.A1.500 E		Identifikacijski broj	
Materijal		ABS		Masa	
Šipovi		Korn		Zamena	
				2 : 1	
		Konstr.	Datum	Ime	Potpis
		Crtao	02.12.14.	B.Šimpronić	
		Pregledao	J. Ristić		
		Odobrio	15.07.15.	J. Ristić	
		 ALING-CONEL GAJDOBRA			
Šif. iz.		Datum		Oprema	
Izmešteno				art.773301.01	
				Zamena 25. 1.14.14 1.14.14	

Obrazac PR.2.02-01/A3 Izdanje 1



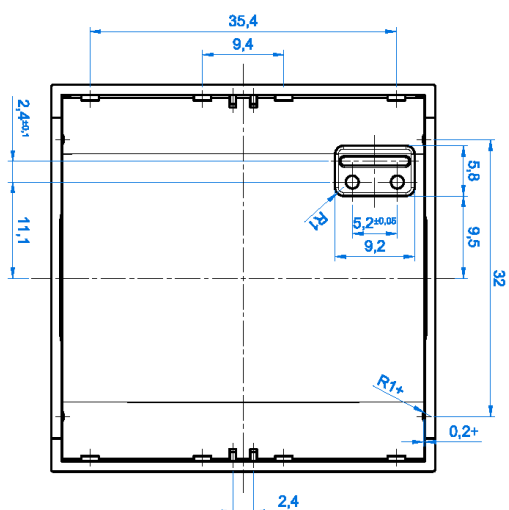
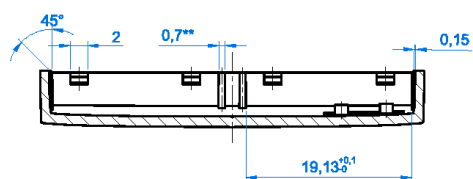
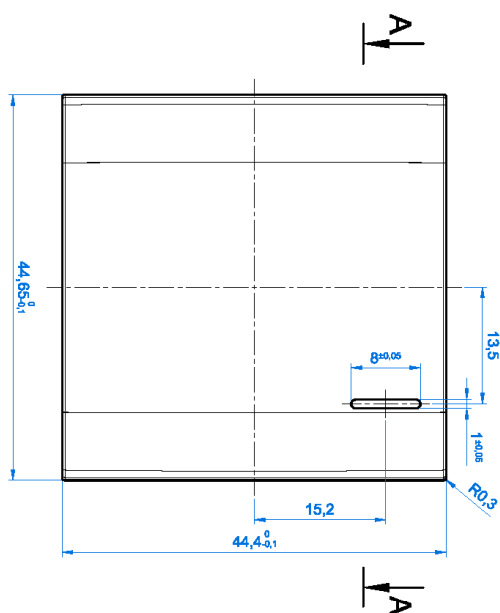
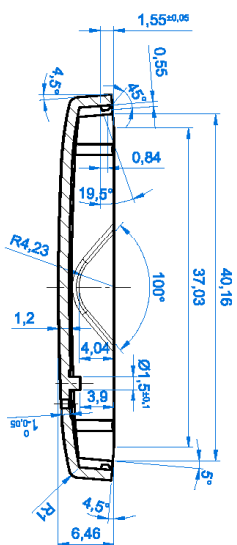


4	Sočivo tinjalice EXP	art.73201.02	1	PC transp.			
3	Taster 2M EXP sa Indikac.	art.73401.01	1	ABS			
2	Tipkalo jednopolno EXP	art.72101.21	1	PC			
1	Nosač tastera 2M sklop EXP	PSK.73301.1	1				
Poz.	Naziv	Oznaka	Kom.	Materijal	Dimenzije	Napomena	
		Tolerancije slobodnih mera			Površinska zaštita		
		Materijal			Identifikacioni broj	Masa	
	Sklop	Kom				Razmera	
			Datum	Ime	Potpis	Naziv	
		Konstr.				TASTER EXP 2M SA INDIKACIJOM	
		Crtao					
		Pregledao					
		Odobrio	09.05.14.	J. Ristić			
			 ALING-CONEL GAJDOBRA			Oznaka	Lst
						art.73401	Listova:
St. iz	Izmenio	Datum	Zamena za:				

Obrazac PR.2.02-01 izdanje 1

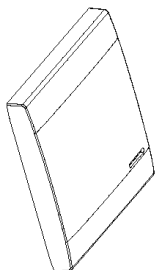
Obrazac PR.2.02-01/A3 Izdanie 1

PRESEK A-A :

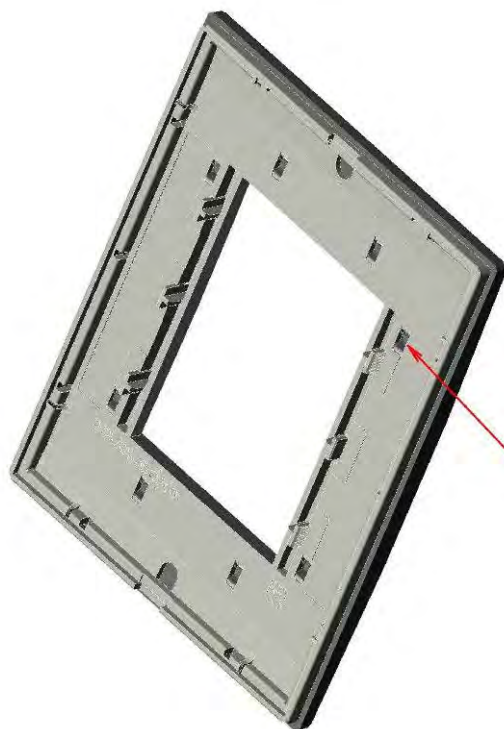


NAPOMENE:

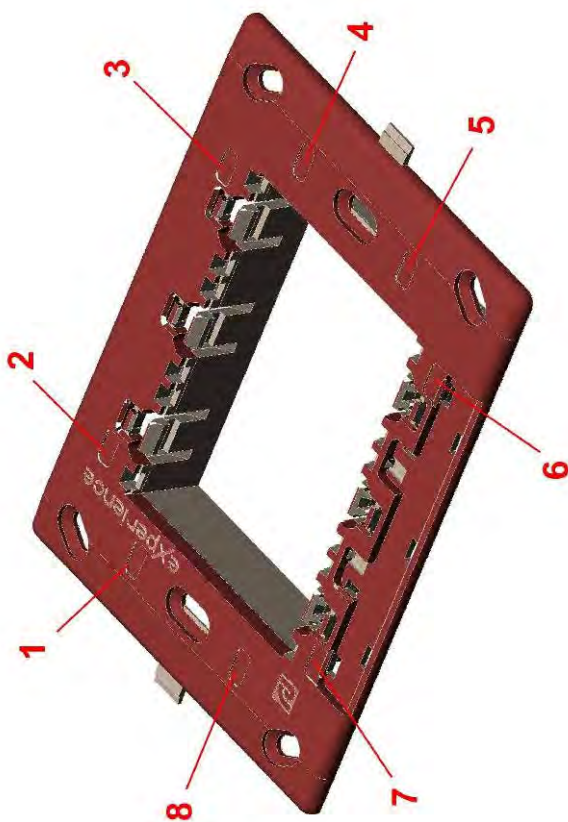
- 1) *-0,5°/strani
- 2) ** +0,5°/strani
- 3) - -1°/strani
- 4) + +1°/strani



		Tolerancije sklopotnih mera		Površinska zaštita			
		SRPS G.A1.500 E		Identifikacioni broj			
Materijal		ABS		Masa			
Sklop		Kom		Razmera			
				2 : 1			
				Naziv			
				TASTER 2M INDIK. EXPERIENCE			
		Datum				Oprema	
		Izmešt				art.73401.01	
		Datum				Lis	
		Izmešt				1. izdava	
Datum				Završna zst.			



**MESTO SPAJANJA METALNE MASKE
SA PLASTIČNIM NOSAČEM
(PERTLOVANO)**



**1 - 8
MESTA GDE METALNI PERTLOVANI DEO
DODIRUJE PRIRUBNICU**



 **ALING CONEL**

ISKUSTVO U KOJE VERUJETE
experience
 YOU TRUST



Od 1984. kvalitet i pouzdanost su glavni prioriteti u kompaniji Aling-Conel. To se podjednako odnosi na proizvode i usluge. Dugogodišnje iskustvo i bogina priznanja omogućila su nam da postanemo regionalni lider i pouzdan partner našim klijentima.

Since 1984, quality and reliability are the top priorities of the company. Long years of experience and numerous awards have enabled us to become a regional leader and reliable partner to our customers.

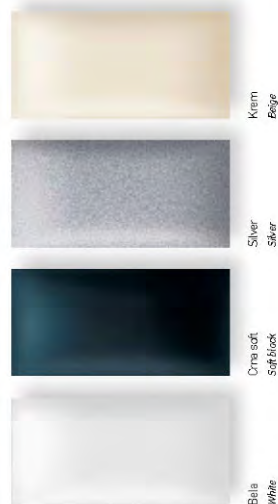
 **ALING CONEL**

DIZAJN OBLIKUJE NAŠ SVET
experience
 DESIGN SHAPES OUR WORLD



Dizajnirani da zadovolje najviše sigurnosne standarde i proizvedeni od najkvalitetnijih materijala, Experience proizvodi nude mogućnost izražavanja osobnog stila korisnika u svom domu. Ultimativna elegancija ogleda se u geometriji oblika, a snižele kombinacije boja svakom zidu daju dozu ekstravagancije. Modularni elementi izrađuju se u 4 boje.

Designed to meet the highest safety standards and manufactured from the finest materials, Experience products offer the opportunity to express personal style of every customer. The ultimate elegance is reflected in the geometry of shapes and skin color combinations will give to any wall a dose of extravagance. Modular elements are drawn in 4 colors.



VRLO IZRAŽAJAN - VEOMA IMPRESIVAN - NEŽAN NA DODIR
 VERY EXPRESSIVE - VERY IMPRESSIVE - A GENTLE TOUCH

TEHNIČKE PREDNOSTI experience TECHNICAL ADVANTAGES

UNIVERZALNA INSTALACIJA

Ugradnja u montažne kutije 640 uz pomoć vijaka ili stepića. Mogućnost razmjena kutije.
Program Experience se na ovaj način može ugraditi kod adaptacije postojećih instalacija bez ugradnje novih montažnih kutija.

UNIVERSAL INSTALL

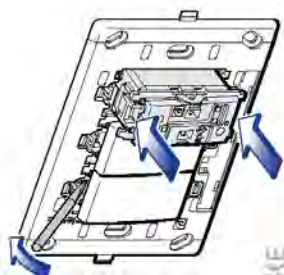
Installation into the mounting box 640 with screws or spacers.
The possibility of substitution of mounting frame in case.
Program Experience in this way can be substituted adaptation of existing installations without installing of new prefabricated mounting boxes.

MODULARNA INSTALACIJA

Za sklopove 3 ili više modula obdružene su posebne montažne kutije na koje se priključuju zagađena sa priključkom.
Vijci se isporučuju zajedno sa priborom.
Montažne kutije mogu biti sa punim i sa šupljim zidom.

MODULAR INSTALL

For the assembly of 3 or more modules are special mounting boxes with mounting frame is installed by screws. Screws are supplied together with the mounting frame. Mounting boxes are made for full and hollow walls.



SKLOPKE

Experience sklopke su jednostavne i luke za povezivanje završavajući demontažu i uklanjanje sklopke (isključivanje) iz mreže.

U principu se postavlja u okviru usklavljenjem sa prednje strane bez skidanja priključne sa montažne kutije. Demontaža sklopke se također vrši sa prednje strane bez skidanja priključne sa montažne kutije. Održanje je isključeno općim moduli sklopke.

Sklopke imaju jednostavne vijčane priključke koji omogućavaju sigurnu brzu montažu. Održanje su usklavljeni sa priključkom i sa priključkom. Priključak u okviru priključka je isključeno iz mreže.

LED indikator zasvijetli kao indikator kralja je sklopka uključena. Priključak u okviru priključka je isključeno iz mreže. Priključak u okviru priključka je isključeno iz mreže. Priključak u okviru priključka je isključeno iz mreže.

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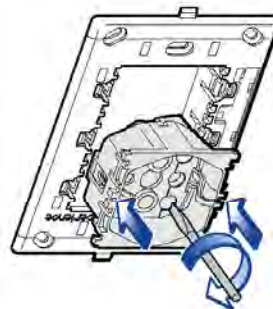
SWITCHES

Experience switches are simply moved and slide for connection, thanks to the scheme, which is located on the side of the switch (reduced risk of incorrect installation).

Inserting the module switch into the mounting frame is simply done by hand pressing from the front side, without removing the mounting frame from the mounting box. The switch is secured from the front side by the screw on the mounting frame from the mounting box. It is only needed to remove module by unscrewing.

Switches have simple screw connection that allow safe and fast installation. Switches have slots for easier implementation of conductors. Arrows can serve two conductors up to 4mm². The arrows are secured from the front side.

LED lamp for indicator (for indication when the switch is ON or OFF) are offered at low prices with contacts and with conductors. Customers can choose the color of light from blue, green, yellow.



SOCKET OUTLETS

Experience socket outlets are supplied with safety standards and safety standards. They are designed to be installed in the mounting box (reduced risk of incorrect installation) to allow the introduction of conductors up to 25mm².

Socket outlets are made with modules that provide protection for children by preventing insertion of objects into the socket outlet.

Installation and disassembly into the mounting frame is done the same way as for the switches.

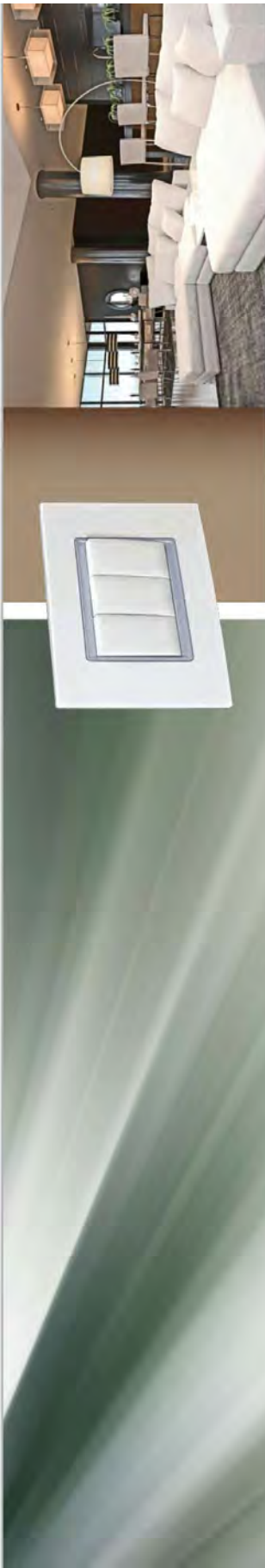
Experience socket outlet advantages:

- easy front assembly and disassembly
- tightening of the conductors is done from the front and is possible even without the use of tools
- installation of different conductors, hard conductors, a large number of conductors is allowed (up to 25mm²)

TRI OSNOVNA PROGRAMA
experience
THREE MAIN PROGRAMS

BASIC

BASIC karakterizira ultiativna elegancija i ameti kombinacije kontrastne enilosti i amie dapijernih grebrom.
U BASIC liniji tri su osnovne boje maske: bijela, crna i silver. Svaka maska dolazi u 3 kombinaciji nosača maske.
BASIC reflects the ultimate elegance and solid contrast of light and dark colors complemented
with silver touch. Each mask comes in 3 different combinations with mask holder.



COLOR

COLOR grupu proizvoda čini 16 maski, podeljenih u razigrani kadri pod nazivom VIVID, metalik efekat pod nazivom METALLIC i rezine na dodir SOFT TOUCH.

COLOR maska je od 14 različitih boja, podeljena u razigrani kadri pod nazivom VIVID, metalik efekat pod nazivom METALLIC i rezine na dodir SOFT TOUCH.



Linija VIVID sastoji se od 4 pastelne boje sa belim nosačem maske (pastel plava, pastel zelena, pastel narandžasta i lavanda). 3 neobična kontrasta sa crnim nosačem maske (crni, grafi i crvena).

VIVID line has 4 pastel colors with white mask holder (pastel blue, pastel green, pastel orange and lavender) and 3 contrast colors with black mask holder (black, graphic and red).



Linija WOOD čine četiri elegantne pune drvene maske: wenge, orah, trešnja i javor.

WOOD line is made of natural wood frames: wenge, oak, cherry and maple.



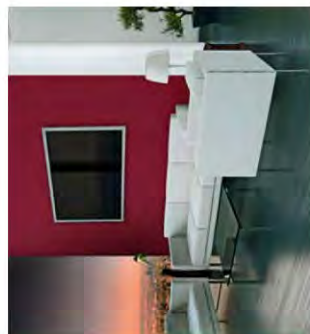
Linija METALLIC sastoji se od 7 metalik boja sa istovetnom nijansom nosača maske (metalik, zlatna, zlatna sjaj, zlatna sjaj, srebrna, aluminijum, metalik zelena, metalik plava).

METALLIC line consists of 7 metallic colors with the same shade of mask holder (metallic, gold, shiny gold, satin gold, antique silver, aluminum, metallic green, metallic blue).



Linija GLASS sastoji se od dve staklene maske u boji: korali i kristal bela.

GLASS line is made of colored glass masks in two colors: coral and crystal white.



Linija SOFT TOUCH čine 2 esencijne boje: sky blue i soft touch crna. Naime, je sky blue boja i bela sa točkom (m) koja u masku svetli plavčastim svetlom.

SOFT TOUCH line has 2 colors: sky blue and soft touch black. The novelty is sky blue color (white phosphor) that glows in the dark, blue light.



Linija METAL čine dve maske od metala: titanijum i srebrna.

METAL line is made of metal masks: titanium and antique gold.



SADRŽAJ KATALOGA
experience
THE CATALOG CONTENT

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LED INDIKATORSKA SVETLA
LED INDICATION LAMPS

• Za indikator, ugraditi je indikator u sklopku.
• Za indikator, ugraditi je indikator u sklopku.
• Za indikator, ugraditi je indikator u sklopku.
• Za indikator, ugraditi je indikator u sklopku.



72181.4
LED indikator 230V~
sa kontaktima
(za indikator) EXP.
crveno
LED lamp 230V~
with contacts
(for indicator) EXP.
red

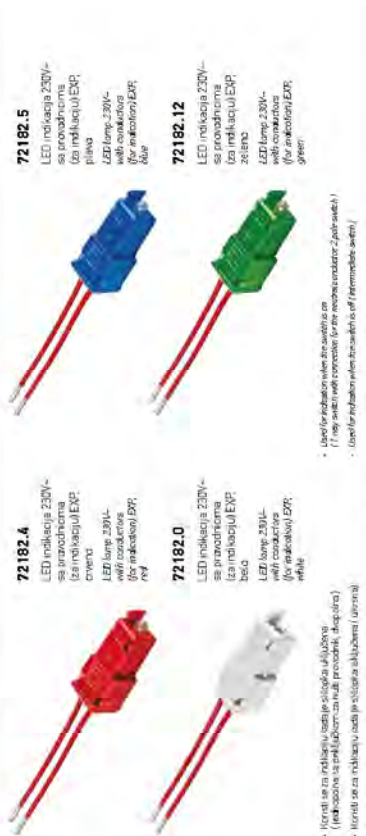


72181.5
LED indikator 230V~
sa kontaktima
(za indikator) EXP.
plavo
LED lamp 230V~
with contacts
(for indicator) EXP.
blue

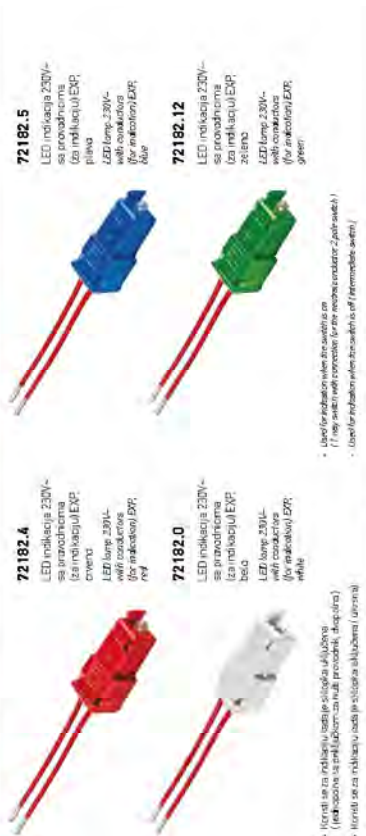


72183.4
LED indikator 24V~
sa kontaktima
(za indikator) EXP.
crveno
LED lamp 24V~
with contacts
(for indicator) EXP.
red

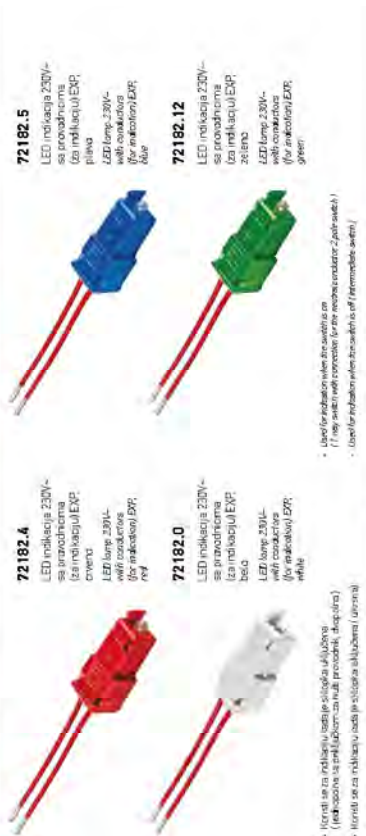
• Uporabiti sa svim sklopovima, osim sklopova sa indikatorima.
(Indication lamp can be used with all switches, except switches with indicator.)
• Uporabiti sa svim sklopovima, osim sklopova sa indikatorima.
(Indication lamp can be used with all switches, except switches with indicator.)



72182.4
LED indikator 230V~
sa indikatorima
(za indikator) EXP.
crveno
LED lamp 230V~
with indicator
(for indicator) EXP.
red

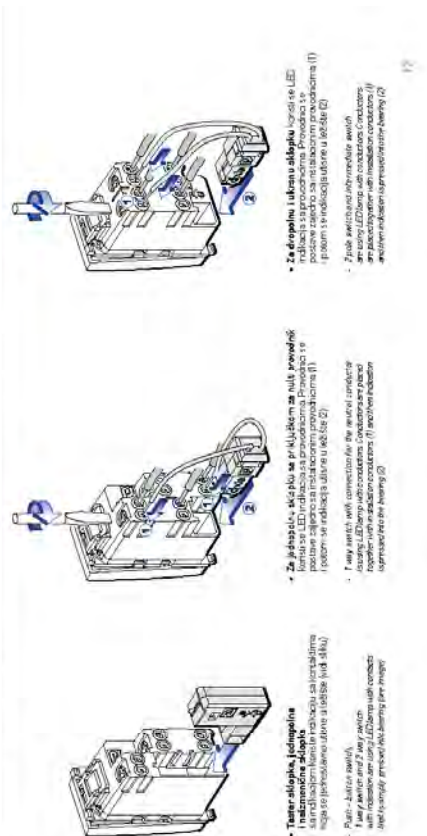


72182.5
LED indikator 230V~
sa indikatorima
(za indikator) EXP.
plavo
LED lamp 230V~
with indicator
(for indicator) EXP.
blue

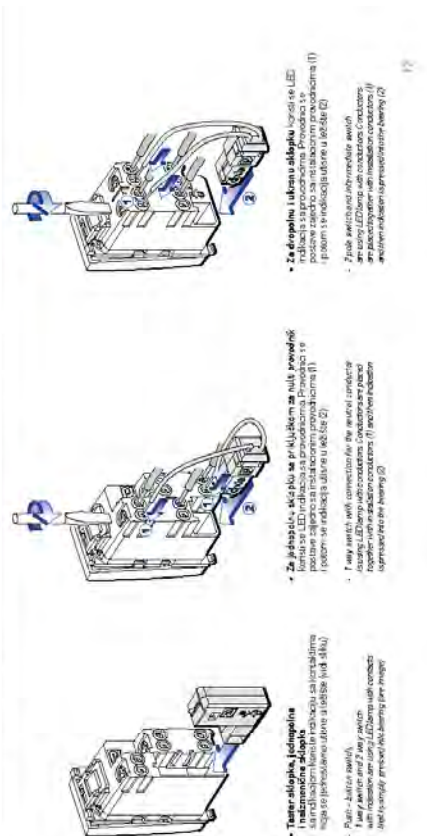


72182.12
LED indikator 230V~
sa indikatorima
(za indikator) EXP.
zeleno
LED lamp 230V~
with indicator
(for indicator) EXP.
green

• Uporabiti sa svim sklopovima, osim sklopova sa indikatorima.
(Indication lamp can be used with all switches, except switches with indicator.)
• Uporabiti sa svim sklopovima, osim sklopova sa indikatorima.
(Indication lamp can be used with all switches, except switches with indicator.)



72182.0
LED indikator 230V~
sa indikatorima
(za indikator) EXP.
bijelo
LED lamp 230V~
with indicator
(for indicator) EXP.
white



72182.12
LED indikator 230V~
sa indikatorima
(za indikator) EXP.
zeleno
LED lamp 230V~
with indicator
(for indicator) EXP.
green

• Uporabiti sa svim sklopovima, osim sklopova sa indikatorima.
(Indication lamp can be used with all switches, except switches with indicator.)
• Uporabiti sa svim sklopovima, osim sklopova sa indikatorima.
(Indication lamp can be used with all switches, except switches with indicator.)



72101
Sklopka jednostupna
16AX 250V~ EXP 1M
1 way switch
16AX 250V~ EXP 1M
without button



72103
Sklopka višestupna
16AX 250V~ EXP 1M
bez tastera
2 way switch
16AX 250V~ EXP 1M
without button



72104
Sklopka višestupna
16AX 250V~ EXP 1M
bez tastera
Reversible switch
16AX 250V~ EXP 1M
without button



72105
Sklopka jednostupna
16AX 250V~ EXP 1M
sa indikatorima (za indikator) EXP 1M
1 way switch 16AX 250V~ EXP 1M with indicator (for indicator) EXP 1M
without button
• Indikator svetla u sklopki je indikator u sklopki.
• Indicator lamp in switch is indicator in switch.




72106
Sklopka višestupna
16AX 250V~ EXP 1M
bez tastera
2 way switch
16AX 250V~ EXP 1M
without button



72111
Taster sklopka jednostupna
16AX 250V~ EXP 1M
bez tastera
Push-button switch
16AX 250V~ EXP 1M
without button
• Indikator svetla u sklopki je indikator u sklopki.
• Indicator lamp in switch is indicator in switch.



72114.x
Taster sklopka sa indikatorima
16AX 250V~ EXP 2M
Push-button switch with indicator
16AX 250V~ EXP 2M
• Za indikator, ugraditi je indikator u sklopku.
• For indicator, install the indicator in the switch.
• Za indikator, ugraditi je indikator u sklopku.
• For indicator, install the indicator in the switch.



72117.x
Prazna tastera
sklopka jednostupna
16AX 250V~ EXP 1M
Push-button
16AX 250V~ EXP 1M



72114.x
Taster sklopka sa indikatorima
16AX 250V~ EXP 2M
Push-button switch with indicator
16AX 250V~ EXP 2M
• Za indikator, ugraditi je indikator u sklopku.
• For indicator, install the indicator in the switch.
• Za indikator, ugraditi je indikator u sklopku.
• For indicator, install the indicator in the switch.



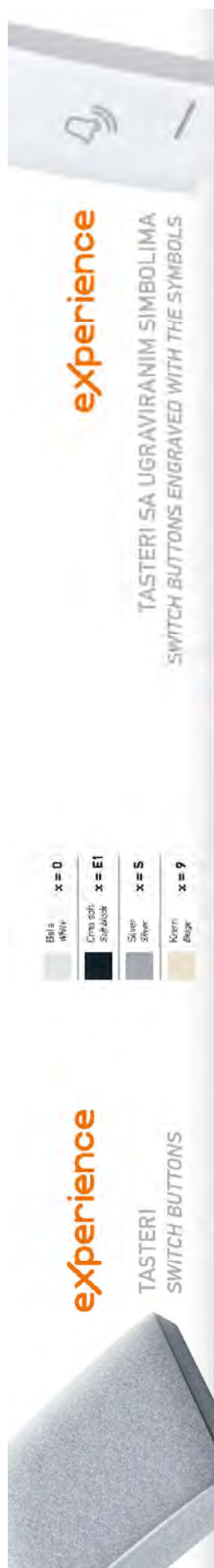
72117.x
Prazna tastera
sklopka jednostupna
16AX 250V~ EXP 1M
Push-button
16AX 250V~ EXP 1M



72114.x
Taster sklopka sa indikatorima
16AX 250V~ EXP 2M
Push-button switch with indicator
16AX 250V~ EXP 2M
• Za indikator, ugraditi je indikator u sklopku.
• For indicator, install the indicator in the switch.
• Za indikator, ugraditi je indikator u sklopku.
• For indicator, install the indicator in the switch.



72117.x
Prazna tastera
sklopka jednostupna
16AX 250V~ EXP 1M
Push-button
16AX 250V~ EXP 1M



73101.x 1M	73105.x	73106.x	73107.x	73102.x	73103.x
Taster EXP 1M Button EXP 1M	73305.x Ključ key	73306.x 0-1 0-1	73307.x posluga servant	73302.x gledača gore arrow up	73303.x gledača dole arrow down
<ul style="list-style-type: none"> Taster 1M širine 22mm. Taster 2M širine 44mm. Za uključivanje bez indikatora. Ugrađivanje na stropnu ploču. 	<ul style="list-style-type: none"> Taster 1M širine 22mm. Taster 2M širine 44mm. Za uključivanje bez indikatora. Ugrađivanje na stropnu ploču. 	<ul style="list-style-type: none"> Taster 1M širine 22mm. Taster 2M širine 44mm. Za uključivanje bez indikatora. Ugrađivanje na stropnu ploču. 	<ul style="list-style-type: none"> Taster 1M širine 22mm. Taster 2M širine 44mm. Za uključivanje bez indikatora. Ugrađivanje na stropnu ploču. 	<ul style="list-style-type: none"> Taster 1M širine 22mm. Taster 2M širine 44mm. Za uključivanje bez indikatora. Ugrađivanje na stropnu ploču. 	<ul style="list-style-type: none"> Taster 1M širine 22mm. Taster 2M širine 44mm. Za uključivanje bez indikatora. Ugrađivanje na stropnu ploču.

73201.x 1M	73203.x	73204.x	73205.x	73206.x	73207.x
Taster EXP 1M Button EXP 1M	73403.x zvana bell	73404.x bojler boiler	73405.x grešnica heater	73406.x ventilator fan	73407.x priljubica accident
<ul style="list-style-type: none"> Taster 1M širine 22mm. Taster 2M širine 44mm. Za uključivanje bez indikatora. Ugrađivanje na stropnu ploču. 	<ul style="list-style-type: none"> Taster 1M širine 22mm. Taster 2M širine 44mm. Za uključivanje bez indikatora. Ugrađivanje na stropnu ploču. 	<ul style="list-style-type: none"> Taster 1M širine 22mm. Taster 2M širine 44mm. Za uključivanje bez indikatora. Ugrađivanje na stropnu ploču. 	<ul style="list-style-type: none"> Taster 1M širine 22mm. Taster 2M širine 44mm. Za uključivanje bez indikatora. Ugrađivanje na stropnu ploču. 	<ul style="list-style-type: none"> Taster 1M širine 22mm. Taster 2M širine 44mm. Za uključivanje bez indikatora. Ugrađivanje na stropnu ploču. 	<ul style="list-style-type: none"> Taster 1M širine 22mm. Taster 2M širine 44mm. Za uključivanje bez indikatora. Ugrađivanje na stropnu ploču.

70001.x	73208.x	73209.x
Podiznač mase gledača (modul) EXP 1M Riser module EXP 1M	73408.x veš mašine washing machine	73409.x tuš shower
<ul style="list-style-type: none"> Za polaganje u međa. Polaganje u međa. Polaganje u međa. Polaganje u međa. 	<ul style="list-style-type: none"> Taster 1M širine 22mm. Taster 2M širine 44mm. Za uključivanje bez indikatora. Ugrađivanje na stropnu ploču. 	<ul style="list-style-type: none"> Taster 1M širine 22mm. Taster 2M širine 44mm. Za uključivanje bez indikatora. Ugrađivanje na stropnu ploču.



- Taster se zalijepi na jednu stranu i ploču, a druga strana se lagano pritiska da dolje basier.
- Napomena:**
 - Kod tastera s indikatorom vodi ruku o položaju indikatora (veći slika 1 i 2).
 - Stavljanje tastera je jednostavno i brzo, ali se mora paziti na položaj tastera (veći slika 1 i 2).
 - Taster 2M postavlja se na ploču s indikatorom (veći slika 2).
- Notes:**
 - The button is attached to one side of the plate, and the other side is gently pressed down.
 - Note:**
 - When installing a button with an indicator, pay attention to the position of the indicator (see picture 1 and 2).
 - Putting the button is simple and fast, but you must be careful of the button's position (see picture 1 and 2).
 - The 2M button is placed on the plate with an indicator (see picture 2).

ALING CONEL

experience

DEKORATIVNE MASKE DECORATIVE FRAMES

BASIC

Raznovidnost programa Experience, pored brojnih funkcionalnih modela, ogleda se i u izuzetno velikoj ponudi dekorativnih maski. Podeljene su u 3 osnovne grupe: BASIC, COLOR i EXCLUSIVE, u zavisnosti od boja i materijala koji su korišćeni pri izradi. Raznolikost boja i veliki broj kombinacija, program Experience čine savršenim dekorom na otu i u klasičnim i modernim, ekstravagantnim enterijerima.

Diversity of Experience, among numerous functional models, reflects in very large offer of decorative masks. Divided into three main groups: BASIC, COLOR and EXCLUSIVE, depending on the colors and materials. The variety of colors and a large number of combinations, program Experience as well for the modern and extravagant interiors.

BASIC

COLOR



EXCLUSIVE



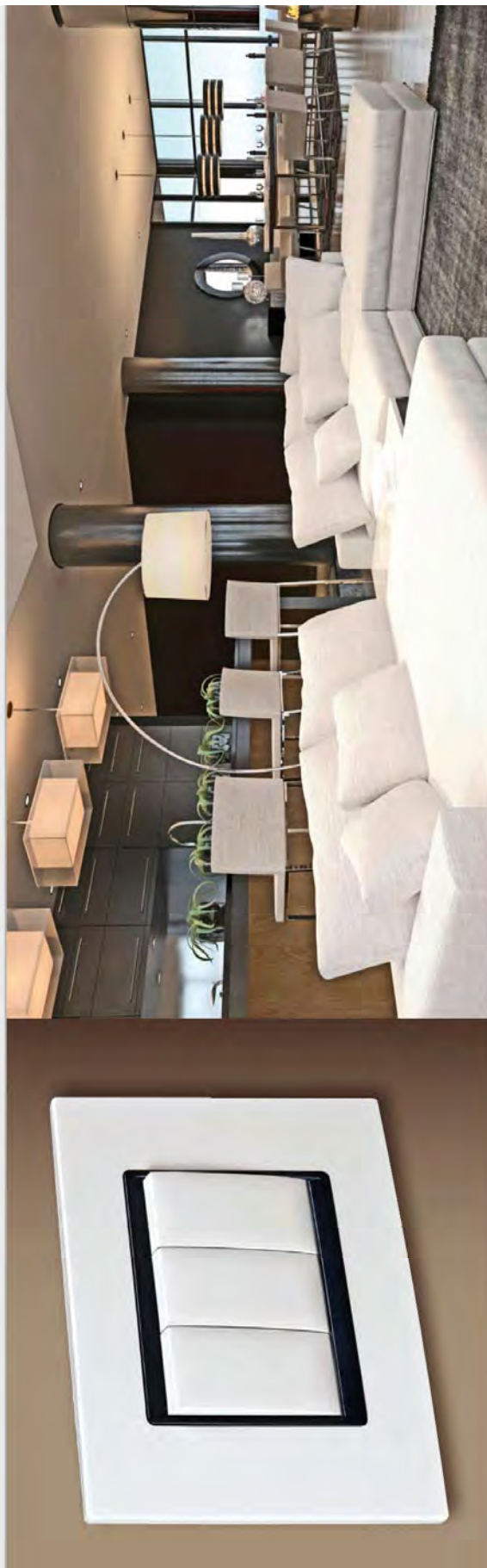
experience

BASIC
BELA / WHITE

Ultimativna elegancija i originalnost
odražavaju se u geometriji, odlicima i
odbojnosti površine i stvaraju novu
definiciju stila.

Ultimative elegance and originalness are
reflected in the geometry, lines and
reflectivity of the surface, creating a new
definition of style.

ALING CONEL



31

30

experience

BASIC

BELA MASKA / BELI NOSAČ

WHITE FRAME / WHITE HOLDER

70101.00

Maska 1M EXP BASIC, bela sa belim nosačem

Cover frame 1M EXP BASIC, white with white holder

- Za polnjenje sklopke sa belim nosačem
- Ugradnja na nosaču prirubnicu zahtijevanjem

97,5 x 91,8 mm

• For connecting the assembly with white module

• Installation onto the mounting frame by pressing

70102.00

Maska 2M EXP BASIC, bela sa belim nosačem

Cover frame 2M EXP BASIC, white with white holder

- Za polnjenje sklopke sa belim nosačem
- Ugradnja na nosaču prirubnicu zahtijevanjem

97,5 x 91,8 mm

• For connecting the assembly with white module

• Installation onto the mounting frame by pressing

70103.00

Maska 3M EXP BASIC, bela sa belim nosačem

Cover frame 3M EXP BASIC, white with white holder

- Za polnjenje sklopke sa belim nosačem
- Ugradnja na nosaču prirubnicu zahtijevanjem

120 x 91,8 mm

• For connecting the assembly with white module

• Installation onto the mounting frame by pressing

70104.00

Maska 4M EXP BASIC, bela sa belim nosačem

Cover frame 4M EXP BASIC, white with white holder

- Za polnjenje sklopke sa belim nosačem
- Ugradnja na nosaču prirubnicu zahtijevanjem

120 x 91,8 mm

• For connecting the assembly with white module

• Installation onto the mounting frame by pressing

70105.00

Maska 5M EXP BASIC, bela sa belim nosačem

Cover frame 5M EXP BASIC, white with white holder

- Za polnjenje sklopke sa belim nosačem
- Ugradnja na nosaču prirubnicu zahtijevanjem

120 x 91,8 mm

• For connecting the assembly with white module

• Installation onto the mounting frame by pressing

70142.00

Maska 3x2M EXP BASIC, bela sa belim nosačem

Cover frame 3x2M EXP BASIC, white with white holder

- Za polnjenje sklopke sa belim nosačem
- Ugradnja na nosaču prirubnicu zahtijevanjem

97,5 x 182,8 mm

• For connecting the assembly with white module

• Installation onto the mounting frame by pressing

70122.00

Maska 2x2M EXP BASIC, bela sa belim nosačem

Cover frame 2x2M EXP BASIC, white with white holder

- Za polnjenje sklopke sa belim nosačem
- Ugradnja na nosaču prirubnicu zahtijevanjem

97,5 x 182,8 mm

• For connecting the assembly with white module

• Installation onto the mounting frame by pressing

70132.00

Maska 3x3M EXP BASIC, bela sa belim nosačem

Cover frame 3x3M EXP BASIC, white with white holder

- Za polnjenje sklopke sa belim nosačem
- Ugradnja na nosaču prirubnicu zahtijevanjem

238,5 x 91,8 mm

• For connecting the assembly with white module

• Installation onto the mounting frame by pressing

70106.00

Maska 4M EXP BASIC, bela sa belim nosačem

Cover frame 4M EXP BASIC, white with white holder

- Za polnjenje sklopke sa belim nosačem
- Ugradnja na nosaču prirubnicu zahtijevanjem

182,5 x 91,8 mm

• For connecting the assembly with white module

• Installation onto the mounting frame by pressing

70107.00

Maska 7M EXP BASIC, bela sa belim nosačem

Cover frame 7M EXP BASIC, white with white holder

- Za polnjenje sklopke sa belim nosačem
- Ugradnja na nosaču prirubnicu zahtijevanjem

238,5 x 91,8 mm

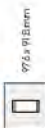
• For connecting the assembly with white module

• Installation onto the mounting frame by pressing



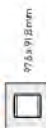
70101.0E
Maska 1M EXP
BASIC, bela sa
crnim nosačem
Cover frame 1M EXP
BASIC, white with
black holder

- Za pokrivanje sklopke sa jednom modulom
- Ugradnja na nosaču priključu udišnjeg
- Prekrivanje sklopke sa jednom modulom
- Instaliranje uoči montaže
- Nameće se prilikom



70102.0E
Maska 2M EXP
BASIC, bela sa
crnim nosačem
Cover frame 2M EXP
BASIC, white with
black holder

- Za pokrivanje sklopke sa dva modula
- Ugradnja na nosaču priključu udišnjeg
- Prekrivanje sklopke sa dva modula
- Instaliranje uoči montaže
- Nameće se prilikom



70103.0E
Maska 3M EXP
BASIC, bela sa
crnim nosačem
Cover frame 3M EXP
BASIC, white with
black holder

- Za pokrivanje sklopke sa tri modula
- Ugradnja na nosaču priključu udišnjeg
- Prekrivanje sklopke sa tri modula
- Instaliranje uoči montaže
- Nameće se prilikom



70104.0E
Maska 4M EXP
BASIC, bela sa
crnim nosačem
Cover frame 4M EXP
BASIC, white with
black holder

- Za pokrivanje sklopke sa četiri modula
- Ugradnja na nosaču priključu udišnjeg
- Prekrivanje sklopke sa četiri modula
- Instaliranje uoči montaže
- Nameće se prilikom



70107.0E
Maska 7M EXP
BASIC, bela sa
crnim nosačem
Cover frame 7M EXP
BASIC, white with
black holder

- Za pokrivanje sklopke sa sedam modula
- Ugradnja na nosaču priključu udišnjeg
- Prekrivanje sklopke sa sedam modula
- Instaliranje uoči montaže
- Nameće se prilikom



70142.0E

Maska 3x2M EXP BASIC, vertikalna, bela sa crnim nosačem
Cover frame 3x2M EXP BASIC, vertical, white with black holder

- Za pokrivanje sklopke sa šest modula u vertikalnom rasporedu udišnjeg
- Ugradnja na nosaču priključu udišnjeg
- Prekrivanje sklopke sa šest modula u vertikalnom rasporedu udišnjeg
- Instaliranje uoči montaže
- Nameće se prilikom



70142.0E

Maska 3x2M EXP BASIC, vertikalna, bela sa crnim nosačem
Cover frame 3x2M EXP BASIC, vertical, white with black holder

- Za pokrivanje sklopke sa šest modula u vertikalnom rasporedu udišnjeg
- Ugradnja na nosaču priključu udišnjeg
- Prekrivanje sklopke sa šest modula u vertikalnom rasporedu udišnjeg
- Instaliranje uoči montaže
- Nameće se prilikom



70122.0E

Maska 2x2M EXP BASIC, horizontalna, bela sa crnim nosačem
Cover frame 2x2M EXP BASIC, horizontal, white with black holder

- Za pokrivanje sklopke sa četiri modula u horizontalnom rasporedu udišnjeg
- Ugradnja na nosaču priključu udišnjeg
- Prekrivanje sklopke sa četiri modula u horizontalnom rasporedu udišnjeg
- Instaliranje uoči montaže
- Nameće se prilikom



70132.0E

Maska 3x2M EXP BASIC, horizontalna, bela sa crnim nosačem
Cover frame 3x2M EXP BASIC, horizontal, white with black holder

- Za pokrivanje sklopke sa šest modula u horizontalnom rasporedu udišnjeg
- Ugradnja na nosaču priključu udišnjeg
- Prekrivanje sklopke sa šest modula u horizontalnom rasporedu udišnjeg
- Instaliranje uoči montaže
- Nameće se prilikom



70106.0E

Maska 4M EXP BASIC, bela sa crnim nosačem
Cover frame 4M EXP BASIC, white with black holder

- Za pokrivanje sklopke sa četiri modula
- Ugradnja na nosaču priključu udišnjeg
- Prekrivanje sklopke sa četiri modula
- Instaliranje uoči montaže
- Nameće se prilikom



70107.0E

Maska 7M EXP BASIC, bela sa crnim nosačem
Cover frame 7M EXP BASIC, white with black holder

- Za pokrivanje sklopke sa sedam modula
- Ugradnja na nosaču priključu udišnjeg
- Prekrivanje sklopke sa sedam modula
- Instaliranje uoči montaže
- Nameće se prilikom





- Za polaganje sklopke sa sistem modula
- Ugradnja na nosaču priključujućim vijetom
- Kvalitetna montaža i povezivanje



70101.05
Maska 1M EXP BASIC, bela sa silver nosačem
Cover frame 1M EXP BASIC, white with silver holder

- Za polaganje sklopke sa sistem modula
- Ugradnja na nosaču priključujućim vijetom
- Kvalitetna montaža i povezivanje



70102.05
Maska 2M EXP BASIC, bela sa silver nosačem
Cover frame 2M EXP BASIC, white with silver holder

- Za polaganje sklopke sa sistem modula
- Ugradnja na nosaču priključujućim vijetom
- Kvalitetna montaža i povezivanje



70103.05
Maska 3M EXP BASIC, bela sa silver nosačem
Cover frame 3M EXP BASIC, white with silver holder

- Za polaganje sklopke sa sistem modula
- Ugradnja na nosaču priključujućim vijetom
- Kvalitetna montaža i povezivanje

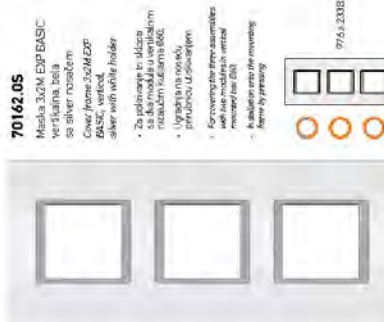


70104.05
Maska 4M EXP BASIC, bela sa silver nosačem
Cover frame 4M EXP BASIC, white with silver holder

- Za polaganje sklopke sa sistem modula
- Ugradnja na nosaču priključujućim vijetom
- Kvalitetna montaža i povezivanje



70107.05
Maska 7M EXP BASIC, bela sa silver nosačem
Cover frame 7M EXP BASIC, white with silver holder



70142.05
Maska 32M EXP BASIC, bela sa silver nosačem
Cover frame 32M EXP BASIC, white with silver holder



70142.05
Maska 32M EXP BASIC, bela sa silver nosačem
Cover frame 32M EXP BASIC, white with silver holder



70122.05
Maska 32M EXP BASIC, bela sa silver nosačem
Cover frame 32M EXP BASIC, white with silver holder



70132.05
Maska 32M EXP BASIC, bela sa silver nosačem
Cover frame 32M EXP BASIC, white with silver holder



70106.05
Maska 32M EXP BASIC, bela sa silver nosačem
Cover frame 32M EXP BASIC, white with silver holder

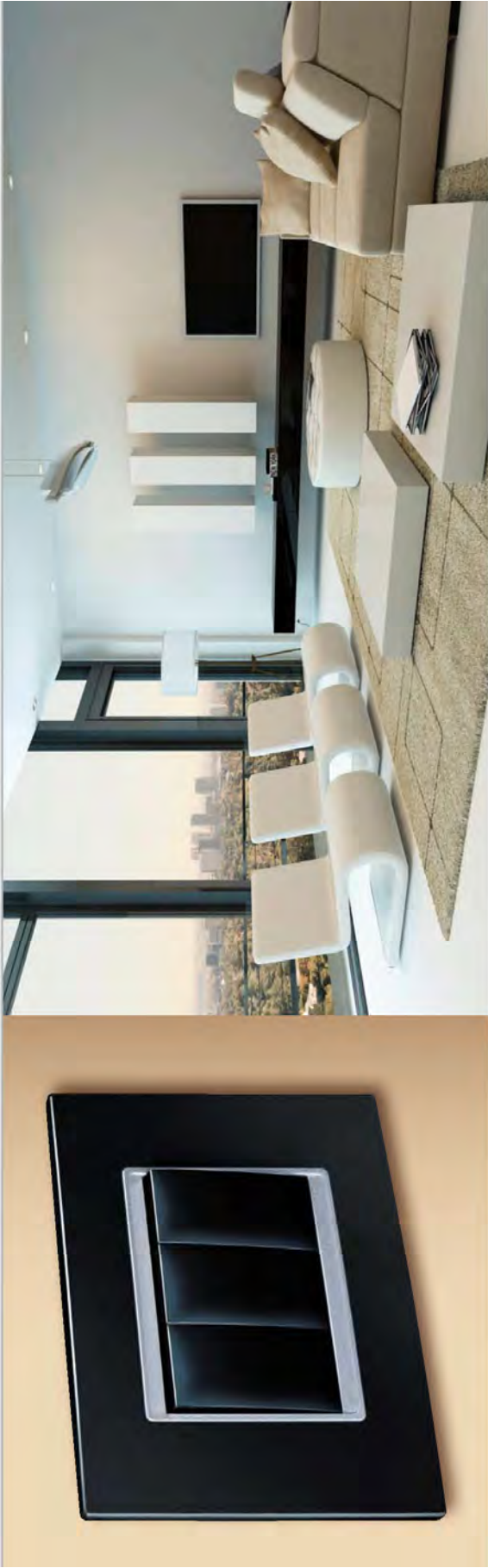


70107.05
Maska 32M EXP BASIC, bela sa silver nosačem
Cover frame 32M EXP BASIC, white with silver holder

experience
BASIC
CRNA / BLACK

Snaga crne boje odražava u svojim
kombinacijama boje i veličim
prostoru dati dozu elegancije
Power of black reflects in shining
combinations that will give your space
a sense of elegance

ALING CONEL





experience
BASIC
CRNA MASKA / CRNI NOSAČ
BLACK FRAME / BLACK HOLDER

experience
BASIC

[illegible][illegible]

70102.EE

Mitsubishi 2M Exp
BASIC time sa
cmmi noasitem
Cover frame 2M Exp
BASIC block with
trazhneider

- The following options
sa the module
- Upgrade the system
production of the system
- For expansion (transparency)
with the module
- Transmitter and receiver
transmission



97.6 x 9.8 mm

[illegible][illegible][illegible][illegible][illegible][illegible][illegible]

experience
BASIC
CRNA MASKA / BELI NOSAČ
BLACK FRAME / WHITE HOLDER

70101.E0

Maska 3M EXP
BASIC, crna sa
belim nosačem
Cover frame 3M EXP
BASIC, black with
white holder

- Za pokrivanje otkopa sa belim nosačem
- Ugrađena nosač priključna uvojnica
- For covering the excavation with the white holder
- Installation with the connecting cable
- Frame by pressing

70102.E0

Maska 3M EXP
BASIC, crna sa
belim nosačem
Cover frame 3M EXP
BASIC, black with
white holder

- Za pokrivanje otkopa sa belim nosačem
- Ugrađena nosač priključna uvojnica
- For covering the excavation with the white holder
- Installation with the connecting cable
- Frame by pressing

70103.E0

Maska 3M EXP
BASIC, crna sa
belim nosačem
Cover frame 3M EXP
BASIC, black with
white holder

- Za pokrivanje otkopa sa belim nosačem
- Ugrađena nosač priključna uvojnica
- For covering the excavation with the white holder
- Installation with the connecting cable
- Frame by pressing

70103.E0

Maska 3M EXP
BASIC, crna sa
belim nosačem
Cover frame 3M EXP
BASIC, black with
white holder

- Za pokrivanje otkopa sa belim nosačem
- Ugrađena nosač priključna uvojnica
- For covering the excavation with the white holder
- Installation with the connecting cable
- Frame by pressing

70104.E0

Maska 4M EXP
BASIC, crna sa
belim nosačem
Cover frame 4M EXP
BASIC, black with
white holder

- Za pokrivanje otkopa sa belim nosačem
- Ugrađena nosač priključna uvojnica
- For covering the excavation with the white holder
- Installation with the connecting cable
- Frame by pressing

70142.E0

Maska 3M EXP BASIC
vertikalna, crna
sa belim nosačem
Cover frame 3M EXP
BASIC, vertical,
black with white holder

- Za pokrivanje otkopa sa belim nosačem
- Ugrađena nosač priključna uvojnica
- For covering the excavation with the white holder
- Installation with the connecting cable
- Frame by pressing

70142.E0

Maska 3M EXP BASIC
vertikalna, crna
sa belim nosačem
Cover frame 3M EXP
BASIC, vertical,
black with white holder

- Za pokrivanje otkopa sa belim nosačem
- Ugrađena nosač priključna uvojnica
- For covering the excavation with the white holder
- Installation with the connecting cable
- Frame by pressing

70122.E0

Maska 3M EXP BASIC,
horizontalna, crna sa
belim nosačem
Cover frame 3M EXP
BASIC, horizontal,
black with white holder

- Za pokrivanje otkopa sa belim nosačem
- Ugrađena nosač priključna uvojnica
- For covering the excavation with the white holder
- Installation with the connecting cable
- Frame by pressing

70132.E0

Maska 3M EXP BASIC,
horizontalna, crna sa
belim nosačem
Cover frame 3M EXP
BASIC, horizontal,
black with white holder

- Za pokrivanje otkopa sa belim nosačem
- Ugrađena nosač priključna uvojnica
- For covering the excavation with the white holder
- Installation with the connecting cable
- Frame by pressing

70106.E0

Maska 4M EXP
BASIC, crna sa
belim nosačem
Cover frame 4M EXP
BASIC, black with
white holder

- Za pokrivanje otkopa sa belim nosačem
- Ugrađena nosač priključna uvojnica
- For covering the excavation with the white holder
- Installation with the connecting cable
- Frame by pressing

70107.E0

Maska 7M EXP
BASIC, crna sa
belim nosačem
Cover frame 7M EXP
BASIC, black with
white holder

- Za pokrivanje otkopa sa belim nosačem
- Ugrađena nosač priključna uvojnica
- For covering the excavation with the white holder
- Installation with the connecting cable
- Frame by pressing



experience BASIC CRNA MASKA / SILVER NOSAČ BLACK FRAME / SILVER HOLDER

- Za polnjenje sklopa sa sistem modula
- Ugradnja nosača priključakom
- Montaža nosača priključakom
- Montaža nosača priključakom



70101.ES
Maska 1M EXP BASIC, crna sa silver nosačem
Cover frame 1M EXP BASIC, black with silver holder



- Za polnjenje sklopa sa sistem modula
- Ugradnja nosača priključakom
- Montaža nosača priključakom
- Montaža nosača priključakom



70102.ES
Maska 2M EXP BASIC, crna sa silver nosačem
Cover frame 2M EXP BASIC, black with silver holder



- Za polnjenje sklopa sa sistem modula
- Ugradnja nosača priključakom
- Montaža nosača priključakom
- Montaža nosača priključakom



70103.ES
Maska 3M EXP BASIC, crna sa silver nosačem
Cover frame 3M EXP BASIC, black with silver holder



- Za polnjenje sklopa sa sistem modula
- Ugradnja nosača priključakom
- Montaža nosača priključakom
- Montaža nosača priključakom



70103.ES
Maska 3M EXP BASIC, crna sa silver nosačem
Cover frame 3M EXP BASIC, black with silver holder



- Za polnjenje sklopa sa sistem modula
- Ugradnja nosača priključakom
- Montaža nosača priključakom
- Montaža nosača priključakom



70104.ES
Maska 4M EXP BASIC, crna sa silver nosačem
Cover frame 4M EXP BASIC, black with silver holder



70142.ES
Maska 32M EXP BASIC, crna sa silver nosačem
Cover frame 32M EXP BASIC, black with silver holder



- Za polnjenje sklopa sa sistem modula
- Ugradnja nosača priključakom
- Montaža nosača priključakom
- Montaža nosača priključakom



976,5 x 2303 mm

70122.ES
Maska 32M EXP BASIC, crna sa silver nosačem
Cover frame 32M EXP BASIC, black with silver holder



- Za polnjenje sklopa sa sistem modula
- Ugradnja nosača priključakom
- Montaža nosača priključakom
- Montaža nosača priključakom



976,5 x 918 mm

70132.ES
Maska 32M EXP BASIC, crna sa silver nosačem
Cover frame 32M EXP BASIC, black with silver holder



- Za polnjenje sklopa sa sistem modula
- Ugradnja nosača priključakom
- Montaža nosača priključakom
- Montaža nosača priključakom



2382 x 918 mm

70106.ES
Maska 4M EXP BASIC, crna sa silver nosačem
Cover frame 4M EXP BASIC, black with silver holder



- Za polnjenje sklopa sa sistem modula
- Ugradnja nosača priključakom
- Montaža nosača priključakom
- Montaža nosača priključakom



1872 x 918 mm

70107.ES
Maska 7M EXP BASIC, crna sa silver nosačem
Cover frame 7M EXP BASIC, black with silver holder



- Za polnjenje sklopa sa sistem modula
- Ugradnja nosača priključakom
- Montaža nosača priključakom
- Montaža nosača priključakom



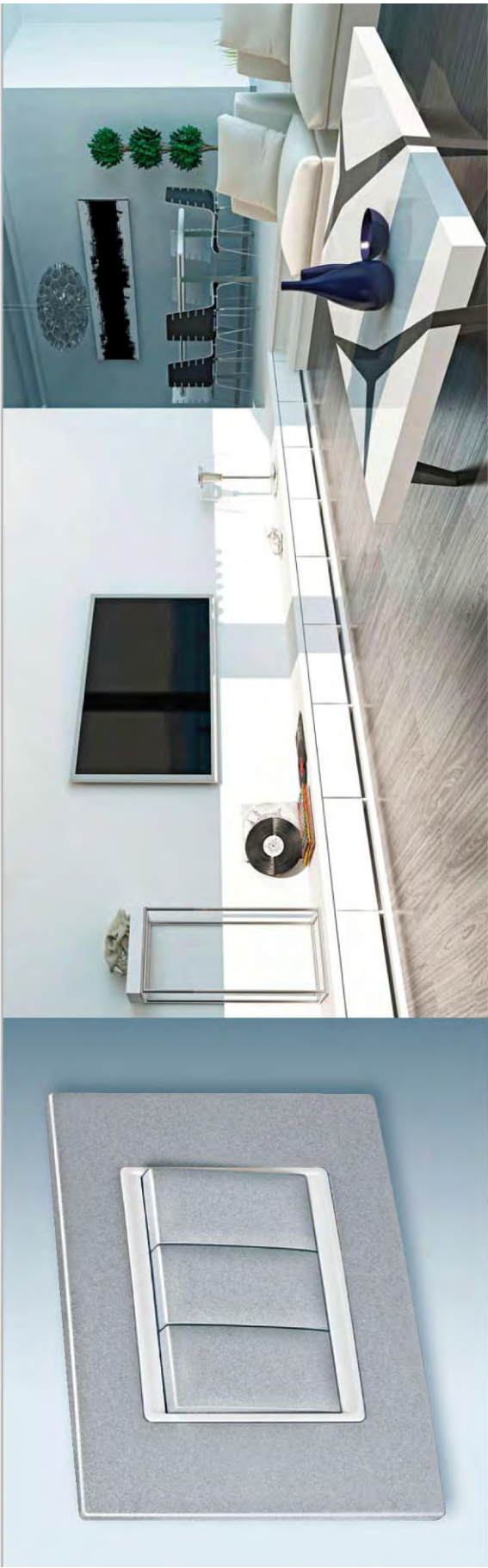
2308 x 918 mm

experience
BASIC
SILVER / SILVER

Srebrna lektura za moderne
entelijere i kao modni dodatak
na Vašem zidu

Silver lecture for modern interior
and as of fashion accessory
to your wall

ALING CONEL



BASIC

SILVER MASKA / SILVER NOSAČ

SILVER FRAME / SILVER HOLDER

70101 SS

Maska 1M EXP BASIC, silver sa silver nosačem

Cover frame 1M EXP BASIC, silver with silver holder

- Za polaganje sklopke sa štitnim modulom
- Ugradnja na nosaču priključu upravljanjem

97,5 ± 0,5 mm

- For covering the assembly with the module
- Installation onto the mounting frame by pressing

70102 SS

Maska 2M EXP BASIC, silver sa silver nosačem

Cover frame 2M EXP BASIC, silver with silver holder

- Za polaganje sklopke sa štitnim modulom
- Ugradnja na nosaču priključu upravljanjem

97,5 ± 0,5 mm

- For covering the assembly with the module
- Installation onto the mounting frame by pressing

70103 SS

Maska 3M EXP BASIC, silver sa silver nosačem

Cover frame 3M EXP BASIC, silver with silver holder

- Za polaganje sklopke sa štitnim modulom
- Ugradnja na nosaču priključu upravljanjem

120 ± 0,5 mm

- For covering the assembly with the module
- Installation onto the mounting frame by pressing

70104 SS

Maska 4M EXP BASIC, silver sa silver nosačem

Cover frame 4M EXP BASIC, silver with silver holder

- Za polaganje sklopke sa štitnim modulom
- Ugradnja na nosaču priključu upravljanjem

120 ± 0,5 mm

- For covering the assembly with the module
- Installation onto the mounting frame by pressing

70142 SS

Maska 3.2M EXP BASIC, silver sa silver nosačem

Cover frame 3.2M EXP BASIC, silver with silver holder

- Za polaganje sklopke sa štitnim modulom
- Ugradnja na nosaču priključu upravljanjem

97,5 ± 0,5 mm

- For covering the assembly with the module
- Installation onto the mounting frame by pressing

70122 SS

Maska 2.2M EXP BASIC, silver sa silver nosačem

Cover frame 2.2M EXP BASIC, silver with silver holder

- Za polaganje sklopke sa štitnim modulom
- Ugradnja na nosaču priključu upravljanjem

97,5 ± 0,5 mm

- For covering the assembly with the module
- Installation onto the mounting frame by pressing

70132 SS

Maska 3.2M EXP BASIC, silver sa silver nosačem

Cover frame 3.2M EXP BASIC, silver with silver holder

- Za polaganje sklopke sa štitnim modulom
- Ugradnja na nosaču priključu upravljanjem

120 ± 0,5 mm

- For covering the assembly with the module
- Installation onto the mounting frame by pressing

70106 SS

Maska 4M EXP BASIC, silver sa silver nosačem

Cover frame 4M EXP BASIC, silver with silver holder

- Za polaganje sklopke sa štitnim modulom
- Ugradnja na nosaču priključu upravljanjem

120 ± 0,5 mm

- For covering the assembly with the module
- Installation onto the mounting frame by pressing

70107 SS

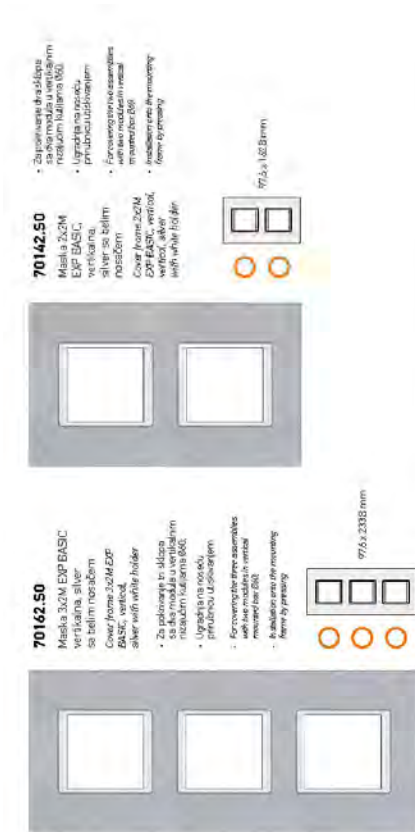
Maska 7M EXP BASIC, silver sa silver nosačem

Cover frame 7M EXP BASIC, silver with silver holder

- Za polaganje sklopke sa štitnim modulom
- Ugradnja na nosaču priključu upravljanjem

206 ± 0,5 mm

- For covering the assembly with the module
- Installation onto the mounting frame by pressing





70101 SE
Maska 1M EXP
BASIC, silver sa
crnim nosačem
Cover frame 1M EXP
BASIC, silver with
black holder

- Za polaganje sklopke sa šesti modula
- Ugradnja na nosaču priključu upravljanjem
- For mounting the assembly with six modules
- Installation onto the mounting frame by pressing

70102 SE
Maska 2M EXP
BASIC, silver sa
crnim nosačem
Cover frame 2M EXP
BASIC, silver with
black holder

- Za polaganje sklopke sa šest modula
- Ugradnja na nosaču priključu upravljanjem
- For mounting the assembly with six modules
- Installation onto the mounting frame by pressing

70103 SE
Maska 2/3M EXP
BASIC, silver sa
crnim nosačem
Cover frame 2/3M
EXP BASIC, silver with
black holder

- Za polaganje sklopke sa šest modula
- Ugradnja na nosaču priključu upravljanjem
- For mounting the assembly with six modules
- Installation onto the mounting frame by pressing

70103 SE
Maska 3M EXP
BASIC, silver sa
crnim nosačem
Cover frame 3M EXP
BASIC, silver with
black holder

- Za polaganje sklopke sa šest modula
- Ugradnja na nosaču priključu upravljanjem
- For mounting the assembly with six modules
- Installation onto the mounting frame by pressing

70104 SE
Maska 4M EXP
BASIC, silver sa
crnim nosačem
Cover frame 4M EXP
BASIC, silver with
black holder

- Za polaganje sklopke sa šest modula
- Ugradnja na nosaču priključu upravljanjem
- For mounting the assembly with six modules
- Installation onto the mounting frame by pressing

70142 SE
Maska 3/2M EXP BASIC
verzijska, silver sa crnim
nosačem
Cover frame 3/2M EXP
BASIC, vertical,
silver with black holder

- Za polaganje sklopke sa šest modula
- Ugradnja na nosaču priključu upravljanjem
- For mounting the assembly with six modules
- Installation onto the mounting frame by pressing

70122 SE
Maska 2/2M EXP BASIC,
verzijska, silver sa
crnim nosačem
Cover frame 2/2M EXP
BASIC, horizontal,
silver with black holder

- Za polaganje sklopke sa šest modula
- Ugradnja na nosaču priključu upravljanjem
- For mounting the assembly with six modules
- Installation onto the mounting frame by pressing

70132 SE
Maska 3/3M
EXP BASIC,
verzijska, silver sa
crnim nosačem
Cover frame 3/3M
EXP BASIC, horizontal,
silver with black holder

- Za polaganje sklopke sa šest modula
- Ugradnja na nosaču priključu upravljanjem
- For mounting the assembly with six modules
- Installation onto the mounting frame by pressing

70106 SE
Maska 4M EXP
BASIC, silver sa
crnim nosačem
Cover frame 4M EXP
BASIC, silver with
black holder

- Za polaganje sklopke sa šest modula
- Ugradnja na nosaču priključu upravljanjem
- For mounting the assembly with six modules
- Installation onto the mounting frame by pressing

70107 SE
Maska 7M EXP
BASIC, silver sa
crnim nosačem
Cover frame 7M EXP
BASIC, silver with
black holder

- Za polaganje sklopke sa šest modula
- Ugradnja na nosaču priključu upravljanjem
- For mounting the assembly with six modules
- Installation onto the mounting frame by pressing



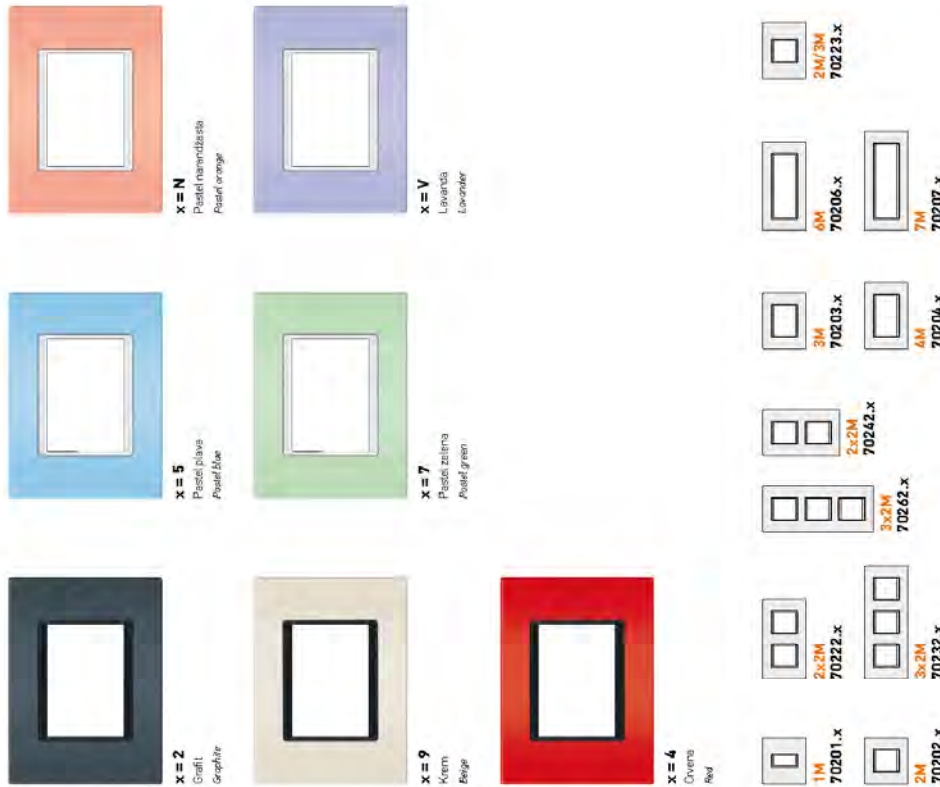
experience

COLOR
VIVID

Raznobarvni izolirani kontakti
pruža veliko število kombinacij
boj.

Provides a variety of combinations
of design.

ALING CONEL



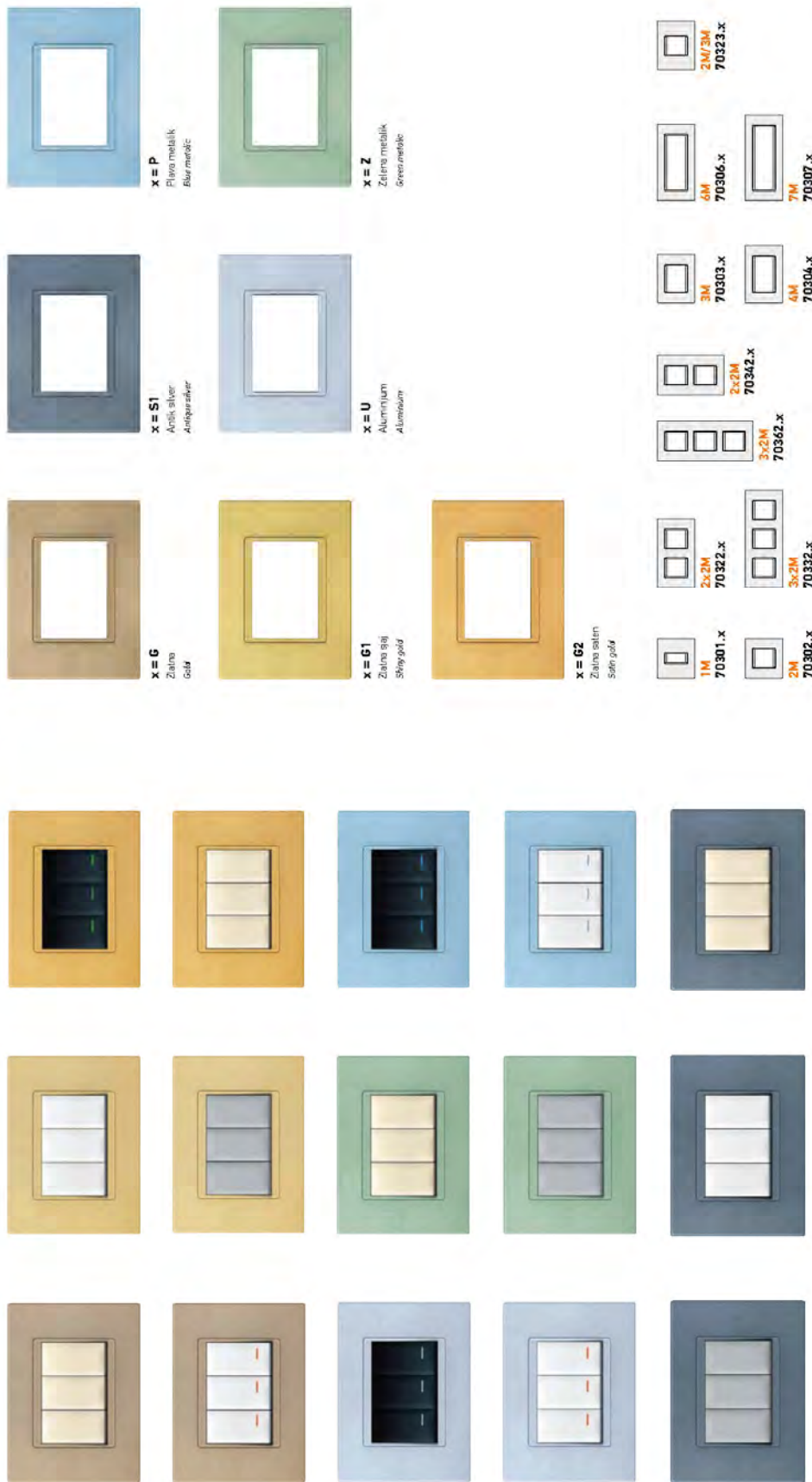


experience

COLOR
METALLIC

Metalli, etfekt daję vašem domu
czułości i luksusu
Metals affect your well
a sense of luxury

ALING CONEL





experience

COLOR
SOFT TOUCH

Kada se svjetlo lagano soft touch
sky blue uodi vas u novi svet
dobar izbor materijala
Kada se svjetlo soft touch
sky blue uodi vas u novi svet
dobar izbor materijala



BEAUTY
HIDDEN IN
TOUCH

New line of frames arouses in user
inner feeling a sense of touch.
Soft, tender surface - a distinctive feature
that highlights a sophisticated look.
Soft touch frames are produced in two
basic colors: black and white (sky blue).
Originality is reflected in the white frame
that glows in the dark by touch light.
Hence the name is sky blue.

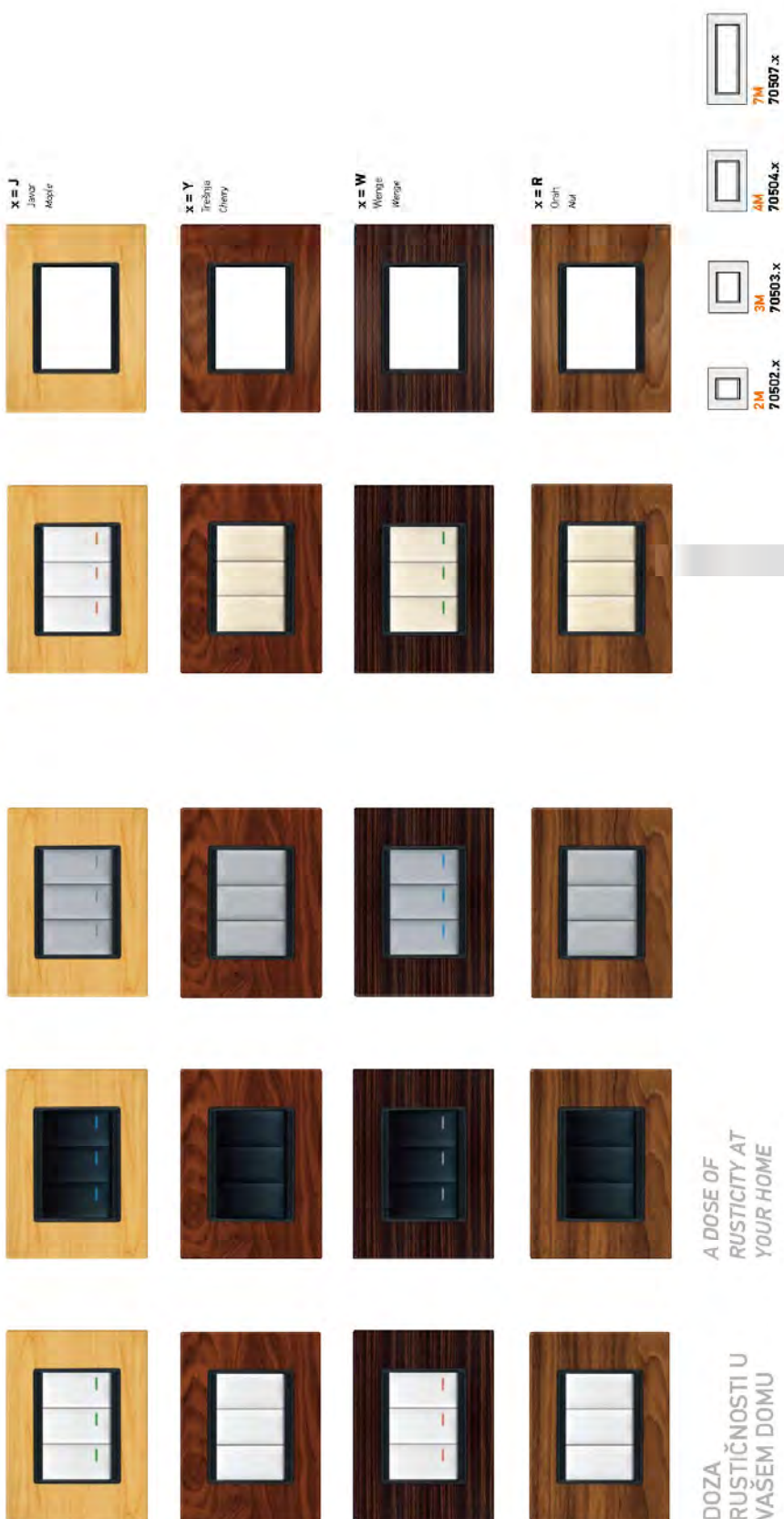
LEPOTA
SKRIVENA
U DODIRU

Novi linija maski programira
Experience bud u korisnika
još jednog čula - dodira.
Meke, nežne površine -
aspekt fronti koja naglašava
solističnosti izgled.
Maske soft touch razlikuje se u dve
osnovne boje: crna i bela (sky blue).
Novina se ogleda u beloj masci
koja svetli u mraku na dodir
plavkastim svetlom.
pa otuda i naziv sky blue.



EXCLUSIVE
WOOD
experience

Čelin elegantne vrste za
tradicionalne prostore i kose
kaj uživaju u toplini punog drveta



A DOSE OF
RUSTICITY AT
YOUR HOME

Decorative cover modes made of solid wood are bringing the living area earthy, natural look.

DOZA
RUŠTIČNOSTI U
VAŠEM DOMU

Dekorativne maske od punog drveta daju prostoru zemljani, prirodan izgled. Ovo što ih čini jedinstvenim su karakteristike i šare samog drveta od kojeg su izrađene.

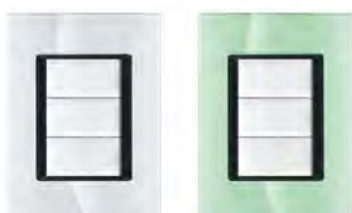
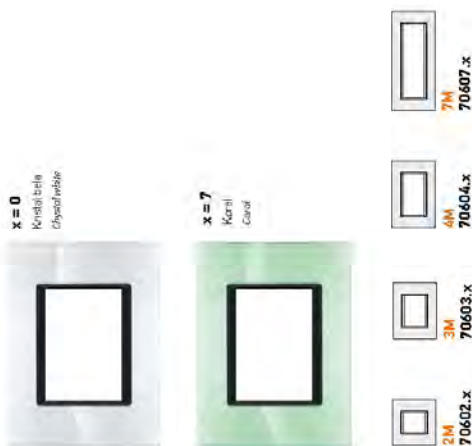
ALING CONEL



experience EXCLUSIVE GLASS

Obavite se, nudi prostor koji gradi
načinove i trendove u dizajnu
entertainers

Fullfill every space
and follows the latest trends
of interior design



PURE AND
SENSUAL...
EXTRAVAGANT
AND SHINY...

ČISTO I
SENZUALNO...
EKSTRAVAGANTNO
I SJAJNO...

Glass is one of the basic materials in our living spaces for several centuries and until today it has remained the most popular design material. Although many new glass products have appeared, the glass is still the most popular material for interior design. For these reasons, the glass is the material that should be loved and enjoyed in all interior design projects.

With its transparency and ease, glass does not have any special requirements for its use and it is the most popular material for interior design.

Exclusively, Aling Conel has developed a new series of glass products.

- Crystal white, made for your individuality
- Corals which introduce you to a dreamy underwater world.

Sve što je jedan od osnovnih materijala u našem životnom prostoru već nekoliko vijekova i sve do današnjih dana ima veliku popularnost i mesto u dizajnu enterijera.

Iako postoji mnogo dobavljača ovog materijala, staklo i dalje predstavlja kao i ostali materijali, njegov prednost kao i mogućnost izvođenja atraktivnih detalja u enterijernu arhitekturu. Upravo iz tih razloga, staklo kao materijal, treba voljeti i ceniti u svim vidovima koga se radi o enterijeru.

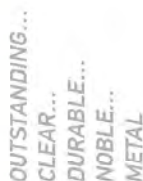
Svojom transparentnošću i lakom, staklo ne zahtijeva posebnih zahtjeva za njegovu upotrebu.

Program Exclusive nudi dve dekorativne maske izrađene od stakla:

- Kristalno bijeli u koji će se ogledati vaša individualnost
- Koral koji vas vodi u sanjiv, potpuno svet



Moć lišenog mečla preložena
u eleganciju za jedinstvene prostore



Exclusive line in Experience is enriched with another natural material - metal.

Experience Program offers two decorative covering masks made of metal:

- Antique gold that will join an orthoic to every space
- Titanium, that will give the space a dose of individuality.

IZVANREDAN...
JASAN...
TRAJAN...
PLEMENIT...
METAL

Exclusive linija programa Experience obogaćena je još jednim prirodnim materijalom – metalom. Metal kao materijal budi u korisniku osećaj trajnosti i robustnosti.

Metal kao detalj na zidu odlikuje karakteristika i, za sigurno tudi pažnju posmatrača. U kombinaciji sa jasnim geometrijskim linijama grubih površina deklarativne maske od metala lako su uključive u rustične, ali i ultra moderne domove.

Program Experience nudi dve dekorativne

- Anik zlatu sa kojim će svaki prostor dobiti na rustičnosti.
- Trijumf koji će prostoru dati dozu individualnosti.



experience PRIRUBNICE MOUNTING FRAMES



71001
Prirubnica
1M EXP
za bušiti izd
Mounting
frame 1M EXP
for hollow wall



- Za ugradnju jednog modula
- Ugradnja u montažnu kuglu ili pomoću vijaka

- For one module installation
- Installation into the mounting ball or by screws

71101
Prirubnica
1M EXP
sa stepačima
Mounting
frame 1M EXP
with claws



- Za ugradnju jednog modula
- Ugradnja u montažnu kuglu ili pomoću vijaka

- For one module installation
- Installation into the mounting ball or by screws

71002
Prirubnica
2M EXP
za bušiti izd
Mounting
frame 2M EXP
for hollow wall



- Za ugradnju dva modula
- Ugradnja u montažnu kuglu ili pomoću vijaka

- For two module installation
- Installation into the mounting ball or by screws

71102
Prirubnica
2M EXP
sa stepačima
Mounting
frame 2M EXP
with claws



- Za ugradnju dva modula
- Ugradnja u montažnu kuglu ili pomoću vijaka

- For two module installation
- Installation into the mounting ball or by screws

71123
Prirubnica
27M EXP
sa stepačima
Mounting
frame 27M EXP
with claws



- Za ugradnju dva modula
- Ugradnja u montažnu kuglu ili pomoću vijaka

- For two module installation
- Installation into the mounting ball or by screws

71023
Prirubnica
22,5M EXP
sa vijcima
Mounting
frame 22,5M EXP
with screws



- Za ugradnju dva modula
- Ugradnja u montažnu kuglu ili pomoću vijaka

- For two module installation
- Installation into the mounting ball or by screws

71003
Prirubnica
3M EXP
sa vijcima
Mounting
frame 3M EXP
with screws



- Za ugradnju tri modula
- Ugradnja u montažnu kuglu ili pomoću vijaka

- For three module installation
- Installation into the mounting ball or by screws

71004
Prirubnica
6M EXP
sa vijcima
Mounting
frame 6M EXP
with screws



- Za ugradnju šest modula
- Ugradnja u montažnu kuglu ili pomoću vijaka

- For six module installation
- Installation into the mounting ball or by screws

71006
Prirubnica
6M EXP
sa vijcima
Mounting
frame 6M EXP
with screws



- Za ugradnju šest modula
- Ugradnja u montažnu kuglu ili pomoću vijaka

- For six module installation
- Installation into the mounting ball or by screws

71007
Prirubnica
7M EXP
sa vijcima
Mounting
frame 7M EXP
with screws



- Za ugradnju sedam modula
- Ugradnja u montažnu kuglu ili pomoću vijaka

- For seven module installation
- Installation into the mounting ball or by screws

71202
Set vijaka M3,5 x 20
pukovanje 100 kom
Screw set M3,5 x 20
pack 100 pcs



71203
Set vijaka M3,5 x 35
pukovanje 50 kom
Screw set M3,5 x 35
pack 50 pcs



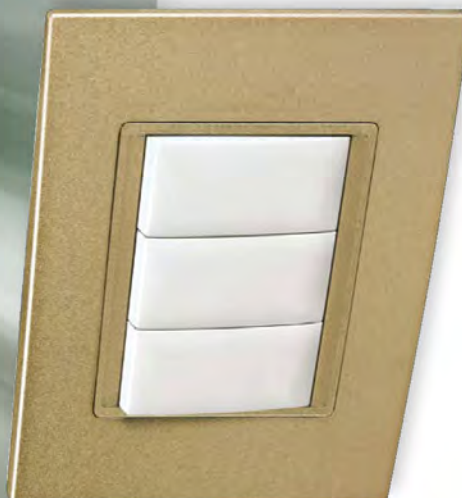
71204
Set vijaka M3,5 x 50
pukovanje 50 kom
Screw set M3,5 x 50
pack 50 pcs



experience

ŠEME VEZIVANJA I TEHNIČKI CRTEŽI
WIRING DIAGRAMS & TECHNICAL DRAWINGS

experience



ALING CONEL

A70102.0
Maska
2M EXP
ANTIBACTERIAL
bela
Cover frame
2M EXP
ANTIBACTERIAL
white

• Zapolnjeni i složi se sa sedam modula
• Ugradnja na nosaču priključna u skladu sa sistemom
• Fiksiranje i složenje sa sedam modula
• Ugradnja na nosaču priključna u skladu sa sistemom
• Fiksiranje i složenje sa sedam modula
• Ugradnja na nosaču priključna u skladu sa sistemom

97,6 x 91,8 mm

A70122.0
Maska 2x2M EXP
ANTIBACTERIAL
horizontalna, bela
Cover frame
2x2M EXP
ANTIBACTERIAL
horizontal, white

• Zapolnjeni i složi se sa sedam modula
• Ugradnja na nosaču priključna u skladu sa sistemom
• Fiksiranje i složenje sa sedam modula
• Ugradnja na nosaču priključna u skladu sa sistemom
• Fiksiranje i složenje sa sedam modula
• Ugradnja na nosaču priključna u skladu sa sistemom

188,5 x 91,8 mm

A70132.0
Maska 3x2M EXP
ANTIBACTERIAL
horizontalna, bela
Cover frame
3x2M EXP
ANTIBACTERIAL
horizontal, white

• Zapolnjeni i složi se sa sedam modula
• Ugradnja na nosaču priključna u skladu sa sistemom
• Fiksiranje i složenje sa sedam modula
• Ugradnja na nosaču priključna u skladu sa sistemom
• Fiksiranje i složenje sa sedam modula
• Ugradnja na nosaču priključna u skladu sa sistemom

230,5 x 91,8 mm

A70103.0
Maska
3M EXP
ANTIBACTERIAL
bela
Cover frame
3M EXP
ANTIBACTERIAL
white

• Zapolnjeni i složi se sa sedam modula
• Ugradnja na nosaču priključna u skladu sa sistemom
• Fiksiranje i složenje sa sedam modula
• Ugradnja na nosaču priključna u skladu sa sistemom
• Fiksiranje i složenje sa sedam modula
• Ugradnja na nosaču priključna u skladu sa sistemom

120,5 x 91,8 mm

A70104.0
Maska
4M EXP
ANTIBACTERIAL
bela
Cover frame
4M EXP
ANTIBACTERIAL
white

• Zapolnjeni i složi se sa sedam modula
• Ugradnja na nosaču priključna u skladu sa sistemom
• Fiksiranje i složenje sa sedam modula
• Ugradnja na nosaču priključna u skladu sa sistemom
• Fiksiranje i složenje sa sedam modula
• Ugradnja na nosaču priključna u skladu sa sistemom

142,5 x 91,8 mm

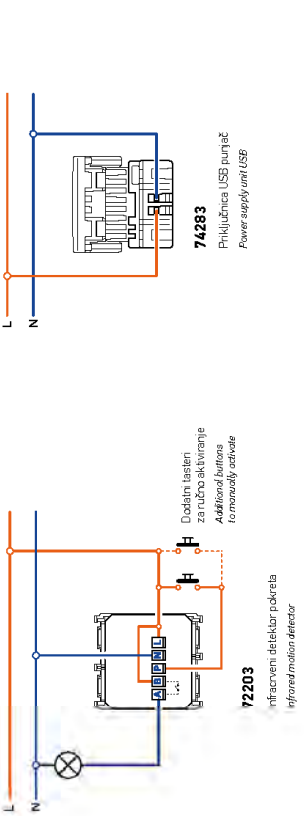
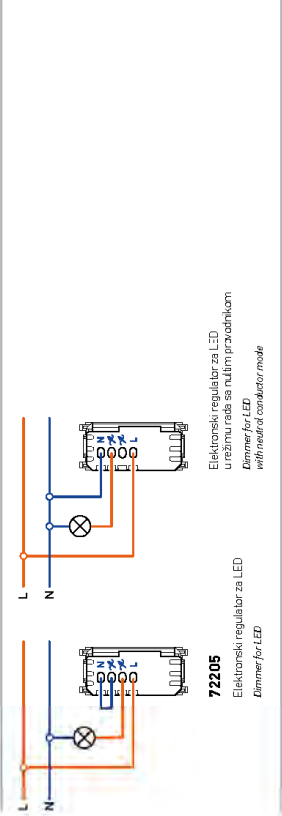
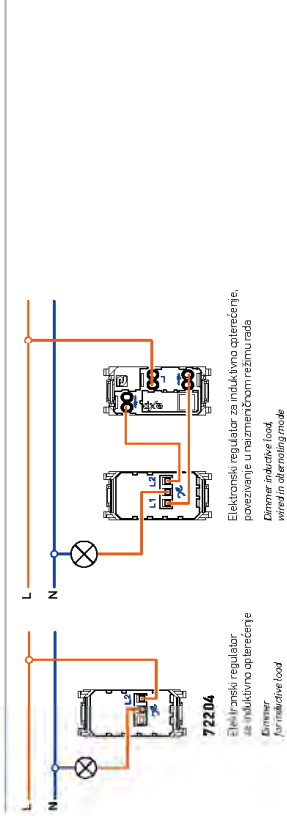
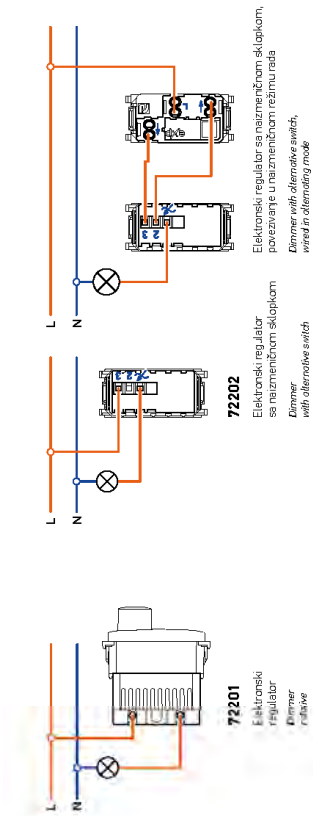
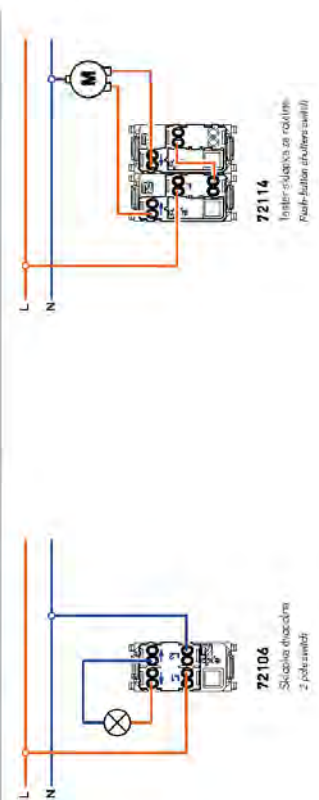
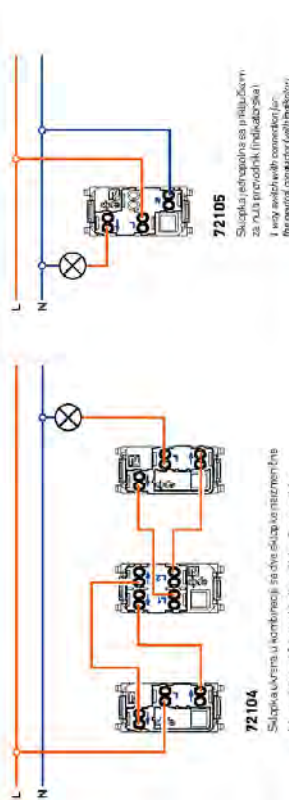
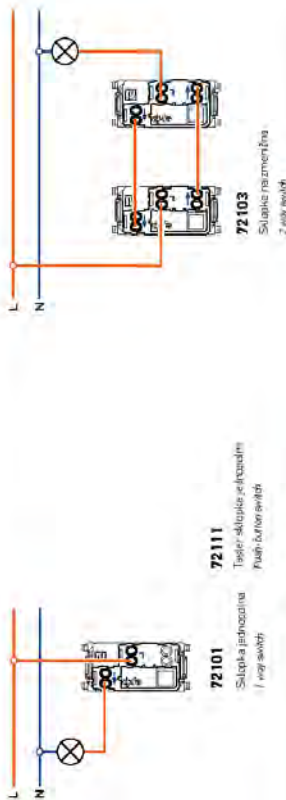
A70107.0
Maska
7M EXP
ANTIBACTERIAL
bela
Cover frame
7M EXP
ANTIBACTERIAL
white

• Zapolnjeni i složi se sa sedam modula
• Ugradnja na nosaču priključna u skladu sa sistemom
• Fiksiranje i složenje sa sedam modula
• Ugradnja na nosaču priključna u skladu sa sistemom
• Fiksiranje i složenje sa sedam modula
• Ugradnja na nosaču priključna u skladu sa sistemom

220,5 x 91,8 mm

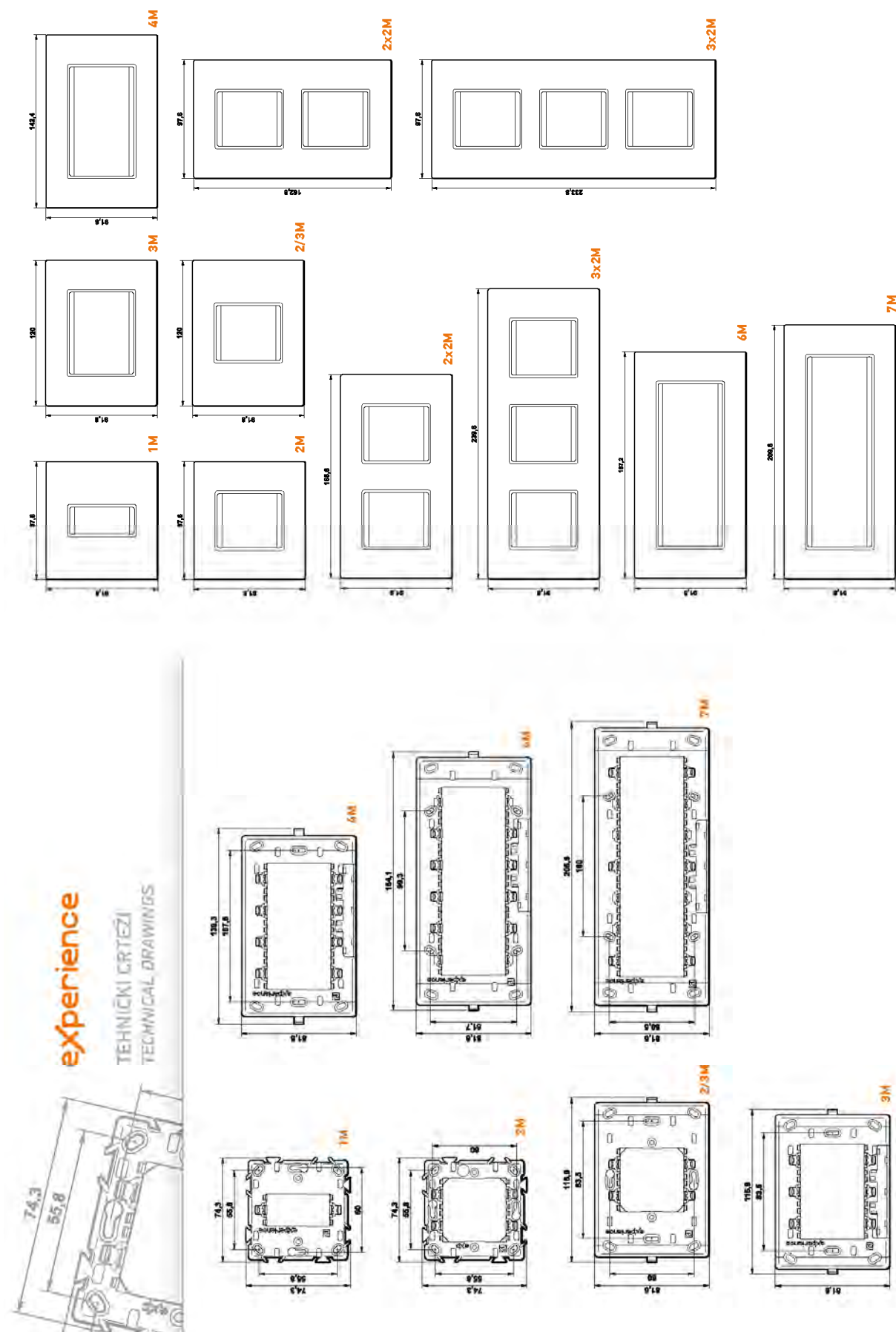
experience

ŠEME VEZIVANJA
WIRING DIAGRAMS



ALING CONEL

79

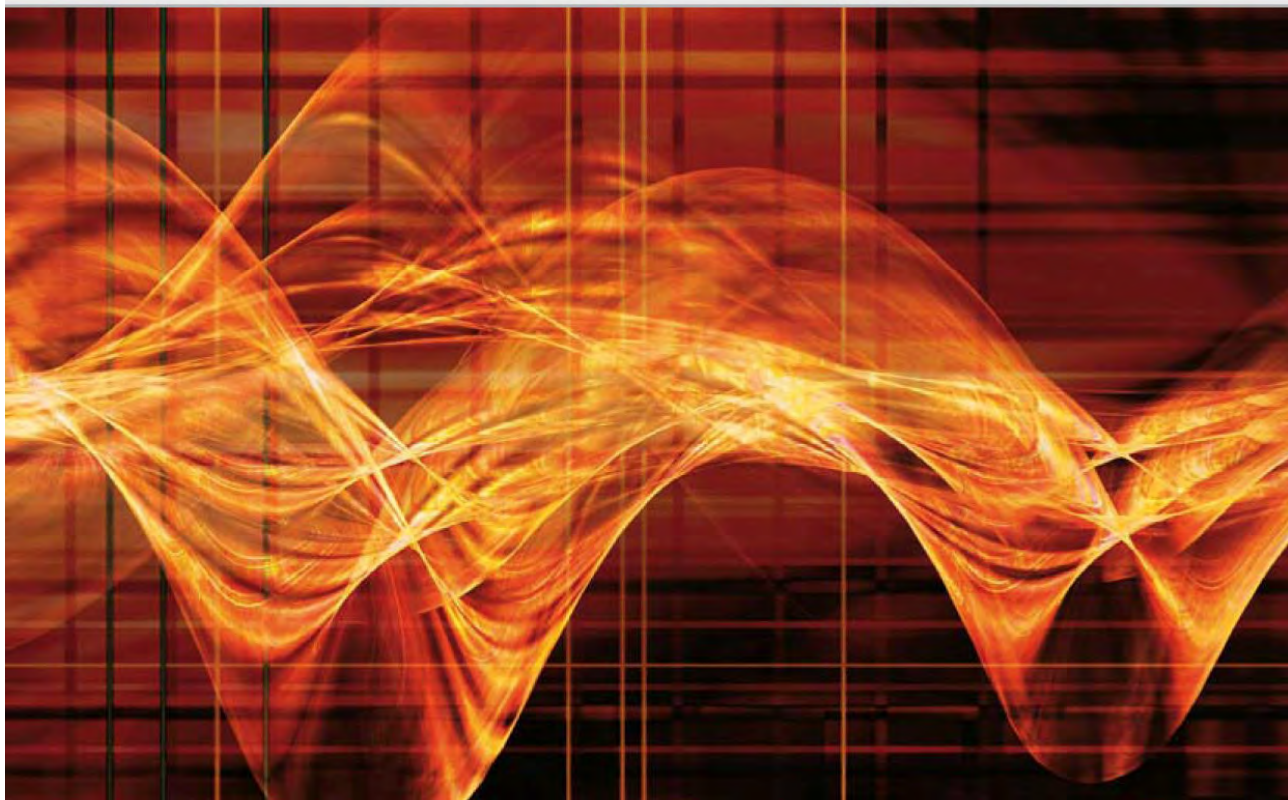


ISKUSTVO U KOJE VERUJETE
experience
 YOU TRUST

experience



ALING CONEL



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