



SINTHESI

ENTRANCE PANEL

Sinthesi Entrance Panel.
Innovating to make life simpler.



Simplicity today can be as stunning as special effects. Because Urmet wanted to create a groundbreaking entrance panel responding to all installation application needs whatever the system. With this handy, modular system, simply choose the modules you require, whether with TV camera or

outside door speaker unit, one key, two keys, and so on and insert these in the frame. All with a really innovative, unmistakable and absolutely hi-tech style: anodised aluminium frame and names cards that are back-lit using leds, in a sophisticated amber colour.



Sinthesi. The principle of being ingenious.

Sinthesi is truly original. Because its fully modular systems are combined with a versatile element that makes it unique: vertical or horizontal installation options. This versatility means that it can be adapted to any architectural context even the most demanding ones.

Interconnection of the modules using the conductors pre-wired on these and sliding track connection terminal strips to the system make Sinthesi extremely easy to install.

Sinthesi features call keys and led type back-lit name cards; key modules with double call button; TV camera modules with outside door speaker unit and integrated call keys both for coax and 5-wire systems (without coax cable); with led-based user call feedback (the led lights up only if the door phone or the video door phone has received the call).

Urmet also provides a kit for customisation of the frame end caps combined with blue name cards.

Back-lit keys.



TV camera module.



Sinthesi project represents a real revolution, also in the case of installation in existing systems. It caters to any type of situation without having to adjust wall openings to accommodate the entrance panel. This means that you can replace a previous Kombi system with a new Sinthesi entrance panel extremely easily, without having to replace the embedding box.

When and where it is needed. In one word, compatible.

"Old" 625 panels can be replaced by using specifically designed adapter without masonry work.

The adapters double as wall frames and covers and are applied onto the fasteners already present in 625 flush-mounting boxes for installing Sinthesi panels. The range is modular and complete meaning that most existing installations can be easily replaced.





SINTHESI mod. 1145/mod. 1745



Ref. 1145/22

MODULES
ARRANGED FOR
LOUDSPEAKING
UNIT

- ◆ ▲ ■ **Ref. 1145/20** Anodized aluminium module arranged for loudspeaking unit without button
- ◆ ▲ ■ **Ref. 1145/21** Anodized aluminium module arranged for loudspeaking with 1 single button
- ■ **Ref. 1145/22** Anodized aluminium module arranged for loudspeaking with 2 single buttons
- ◆ ▲ ■ **Ref. 1145/32** Anodized aluminium module arranged for loudspeaking with 1 double button
- ▲ ■ **Ref. 1145/34** Anodized aluminium module arranged for loudspeaking with 2 double buttons



Ref. 1145/34

AMPLIFIED
LOUDSPEAKING
UNITS WITH
ELECTRET
MICROPHONE

- ■ **Ref. 1145/500** Amplified speaker unit for '4+n' systems, to be fitted in loudspeaking modules. Possibility to adjust internal and external sound level. This device can be used in electronic and traditional call systems.
- ◆ ▲ **Ref. 1145/67** Amplified speaker unit for '1+1' systems, to be fitted in loudspeaking modules. Possibility to adjust internal and external sound level. This device can be used in electronic call systems.
- ◆ ▲ **Ref. 1145/74** Secrecy of Conversation Device. This device must be fitted in the push button panel for '1+1' systems. One is required for every four buttons.
- ■ **Ref. 5330/60** Secrecy of conversation device for "4+n" wires systems. For "4+n" wires systems (Sinthesi and Kombi).
- ⌘ **Ref. 1038/7** Digivoice digitiser with built-in door unit. Sinthesi design, can manage up to 8 buttons. It has the size of one Sinthesi module. (page 108).
- ⌘ **Ref. 1072/7** Bibus digitiser with built-in door unit. Sinthesi design, can manage up to 18 buttons. It has the size of one Sinthesi module. (page 103).



Ref. 1145/500

MODULES WITH
BUTTONS AND
REPERTORY MODULE

- ✓ **Ref. 1145/11** Anodized aluminium module with 1 button
- ✓ **Ref. 1145/12** Anodized aluminium module with 2 buttons
- ✓ **Ref. 1145/13** Anodized aluminium module with 3 buttons
- ✓ **Ref. 1145/14** Anodized aluminium module with 4 buttons
- ■ ⌘ **Ref. 1145/18** Anodized aluminium module with 4 double buttons
- ✓ **Ref. 1145/50** Repertory for house number in anodized aluminium (grey color)
- ✓ **Ref. 1145/59** Blank module in anodized aluminium



Ref. 1145/14

CAMERA
MODULES

- ▲ ⌘ **Ref. 1745/70** CCD b/w manual pan and tilt camera with built-in light, 50 Hz
- **Ref. 1745/80** CCD b/w manual pan and tilt camera with built-in light, integrated loudspeaking unit without button for coaxial cable systems, 50 Hz
- **Ref. 1745/81** CCD b/w manual pan and tilt camera with built-in light, integrated loudspeaking unit and 1 button for coaxial cable systems
- **Ref. 1745/82** CCD b/w manual pan and tilt camera with built-in light, integrated loudspeaking unit and 2 buttons for coaxial cable systems
- ▲ ⌘ **Ref. 1745/40** CCD colour manual pan and tilt camera with built-in light. To be used with Ref. 1742/13 coax/5 wires adapter for TV camera
- **Ref. 1745/41** CCD colour manual pan and tilt camera with built-in light, integrated loudspeaking unit and 2 buttons for coaxial cable systems
- ⌘ **Ref. 1082/72** The 2GO! video doorphone door speaker unit is complete with loudspeaker, microphone and color TV camera. It is equipped with 2 buttons to call 2 users. It is equal in size to 2 Sinthesi modules.
- ▲ **Ref. 1745/20** CCD b/w manual pan and tilt camera with built-in light, integrated loudspeaking unit for 5-wire systems without button and powered electronic call (2 modules space)
- ▲ **Ref. 1745/21** CCD b/w manual pan and tilt camera with built-in light, integrated loudspeaking unit for 5-wire systems with 1 button and powered electronic call (2 modules space)
- ▲ **Ref. 1745/22** CCD b/w manual pan and tilt camera with built-in light, integrated loudspeaking unit for 5-wire systems with 2 buttons and powered electronic call (2 modules space)
- ▲ **Ref. 1745/79** CCD b/w manual pan and tilt camera with built-in light, 60 Hz



Ref. 1145/18



Ref. 1745/82

Note: Powered electronic call means an electronic impulse/signal which makes ring "contemporarily" 4 internal handset station, without any further device (such as relay or tone generator)



SINTHESI mod. 1145/mod. 1745



Ref. 1105/2

DOOR OPENER MODULES

- ◆ ▲ ■ **Ref. 1103/2** Door opener module with proximity key reader in one Sinthesi module (pag. 114).
- ◆ ▲ ■ **Ref. 1125/50** Ref. 1103/2 proximity key (10 pieces per box).
- ◆ ▲ ■ **Ref. 1105/2** Door opener module with code keypad in one Sinthesi module (pag. 115).



Ref. 1145/52

EMBEDDING BOXES

- ✓ **Ref. 1145/51** Embedding box for one module
- ✓ **Ref. 1145/52** Embedding box for two modules
- ✓ **Ref. 1145/53** Embedding box for three modules
- ✓ **Ref. 1145/54** Embedding box for four modules



Ref. 1145/64

ANODIZED ALUMINIUM WALL EMBEDDED FRAMES

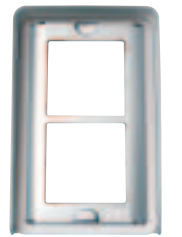
- ✓ **Ref. 1145/711** Wall embedded frame for one module
- ✓ **Ref. 1145/712** Wall embedded frame for two modules (1 row)
- ✓ **Ref. 1145/713** Wall embedded frame for three modules (1 row)
- ✓ **Ref. 1145/714** Wall embedded frame for four modules (1 row)
- ✓ **Ref. 1145/724** Wall embedded frame for four modules (2 rows)
- ✓ **Ref. 1145/726** Wall embedded frame for six modules (2 rows)
- ✓ **Ref. 1145/728** Wall embedded frame for eight modules (2 rows)
- ✓ **Ref. 1145/739** Wall embedded frame for nine modules (3 rows)
- ✓ **Ref. 1145/732** Wall embedded frame for twelve modules (3 rows)



Ref. 1745/713

ANODIZED ALUMINIUM HOUSING WITH HOOD

- ✓ **Ref. 1145/311** Housing with hood for one module (1 row)
- ✓ **Ref. 1145/312** Housing with hood for two modules (1 row)
- ✓ **Ref. 1145/313** Housing with hood for three modules (1 row)
- ✓ **Ref. 1145/314** Housing with hood for four modules (1 row)
- ✓ **Ref. 1145/324** Housing with hood for four modules (2 rows)
- ✓ **Ref. 1145/326** Housing with hood for six modules (2 rows)
- ✓ **Ref. 1145/328** Housing with hood for eight modules (2 rows)
- ✓ **Ref. 1145/339** Housing with hood for nine modules (3 rows)
- ✓ **Ref. 1145/332** Housing with hood for twelve modules (3 rows)



Ref. 1145/312

ANODIZED ALUMINIUM HOOD COVERS

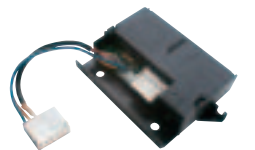
- ✓ **Ref. 1145/611** Hood cover for one modules
- ✓ **Ref. 1145/612** Hood cover for two modules, 1 vertical row
- ✓ **Ref. 1145/613** Hood cover for three modules, 1 vertical row
- ✓ **Ref. 1145/614** Hood cover for four modules, 1 vertical row
- ✓ **Ref. 1145/624** Hood cover for four modules, 2 vertical rows
- ✓ **Ref. 1145/626** Hood cover for six modules, 2 vertical rows
- ✓ **Ref. 1145/628** Hood cover for eight modules, 2 vertical rows
- ✓ **Ref. 1145/639** Hood cover for nine modules, 3 vertical rows
- ✓ **Ref. 1145/632** Hood cover for twelve modules, 3 vertical rows



Ref. 1145/613

ACCESSORIES

- ▲ ✕ **Ref. 1742/13A** COAX / 5 wires adapter for TV camera
For use in Bibus VOP and 5-wire systems with Aura and 725 panels.
- ■ **Ref. 5330/60** Secrecy of conversation device for "4+n" wires systems
For "4+n" wires systems (Sinthesi and Kombi).
- ✓ **Ref. 1145/65** Set of 10 blu colour name tags
+ 2 blu colour plastic headers frame + 1 label for repertory module



Ref. 1742/13A



Ref. 1145/65

ENTRANCE PANEL



SINTHESI mod. 1145/mod. 1745



Ref. 1145/342

HOOD COVERS FOR GATE-PILLAR

- ✓ **Ref. 1145/342** Hood cover with head for gate-pillar for two modules
Depth: 76 mm
Max pillar just out: 60 mm
Embedded width: 98 mm
Hood width: 104 mm.
- ✓ **Ref. 1145/343** Hood cover with head for gate-pillar for three modules
Depth: 76 mm
Max pillar just out: 60 mm
Embedded width: 98 mm
Hood width: 104 mm.

AUDIO SPARE PARTS

- ✓ **Ref. 1145/65** Set of 10 blu colour name tags + 2 blu colour plastic headers frame + 1 label for repertory module
- ✓ **Ref. 1145/100** Set of 10 name tags (grey colour) + paper name tabs (white colour) for single button modules
- ✓ **Ref. 1145/101** Set of 10 name tags (grey colour) + paper name tabs (white colour) for double button modules
- ✓ **Ref. 1145/103** Set of 10 name tags (grey colour) + paper name tabs (white colour) for repertory modules
- ✓ **Ref. 1145/104** Light circuit (Led) for two buttons
- ✓ **Ref. 1145/105** Light circuit (Led) for four buttons
- ✓ **Ref. 1145/106** Light circuit (Led) for one button
- ✓ **Ref. 1145/107** Box of 10 Sinthesi screws for wall-mounted boxes

VIDEO SPARE PARTS

- ▲ **Ref. 1745/100** Front panel for camera module Ref 1745/70
- **Ref. 1745/101** Front panel for camera module with integrated loudspeaking unit and 1 button Ref 1745/81
- **Ref. 1745/102** Front panel for camera module with integrated loudspeaking unit and 2 button Ref 1745/82
- ✓ **Ref. 1745/103** Set of security screws (2 screws + screw driver)
- **Ref. 1745/104** Front panel for camera module with integrated loudspeaking unit without button Ref 1745/80
- **Ref. 1745/105** Spare printed circuit for 1745/80, 1745/81, 1745/82
- ◆ **Ref. 1745/106** Spare printed circuit for 5-wire video door unit
- ▲ **Ref. 1745/107** Front panel with 1 button for 1745/21 module
- ▲ **Ref. 1745/108** Front panel with 2 buttons for 1745/22 module

SINTHESI ADAPTERS FOR '625' PANEL WITH CASING AND FRAME

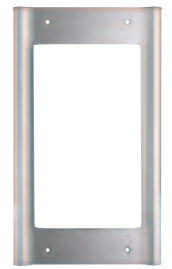
These adapters can be used to replace the "625" panel fronts with Sinthesi panels without needing to replace the flush-mounting box.

- **Ref. 1145/803** Panel adapter with 3 buttons on 1 row
2 Sinthesi modules (see compatibility table).
- **Ref. 1145/804** Panel adapter with 4 buttons on 1 row
2 Sinthesi modules (see compatibility table).
- **Ref. 1145/805** Panel adapter with 5 buttons on 1 row
2 Sinthesi modules (see compatibility table).
- **Ref. 1145/806** Panel adapter with 6 buttons on 1 row
3 Sinthesi modules (see compatibility table).
- **Ref. 1145/846** Panel adapter with 4-6 buttons on 2 rows
2 Sinthesi modules (see compatibility table).
- **Ref. 1145/810** Panel adapter with 8-10 buttons on 2 rows
2 Sinthesi modules (see compatibility table).
- **Ref. 1145/812** Panel adapter with 12 buttons on 2 rows
2 Sinthesi modules (see compatibility table).
- **Ref. 1145/814** Panel adapter with 14 buttons on 2 rows
3 Sinthesi modules (see compatibility table).
- **Ref. 1145/816** Panel adapter with 16 buttons on 2 rows
3 Sinthesi modules (see compatibility table).

Note: Modules with buttons arranged on 2 rows must be used in some versions.

SINTHESI ADAPTERS FOR '625' PANELS WITH CASING AND FRAME (TO ORDER)

- **Ref. 1145/800** Panel adapter with 4 buttons on 1 row without door unit
1 Sinthesi module (see compatibility table).
- **Ref. 1145/818** Panel adapter with 18 buttons on 2 rows
3 Sinthesi modules (see compatibility table).
- **Ref. 1145/820** Panel adapter with 20 buttons on 2 rows
4 Sinthesi modules (see compatibility table).
- **Ref. 1145/822** Panel adapter with 22 buttons on 2 rows
4 Sinthesi modules (see compatibility table).
- **Ref. 1145/824** Panel adapter with 24 buttons on 2 rows
4 Sinthesi modules (see compatibility table).
- **Ref. 1145/826** Panel adapter with 26 buttons on 2 rows
4 Sinthesi modules (see compatibility table).
- **Ref. 1145/828** Panel adapter with 28 buttons on 2 rows
5 Sinthesi modules (see compatibility table).



Ref. 1145/803

**Sinthesi composition with Ref. 1145/803****Sinthesi composition with Ref. 1145/826**

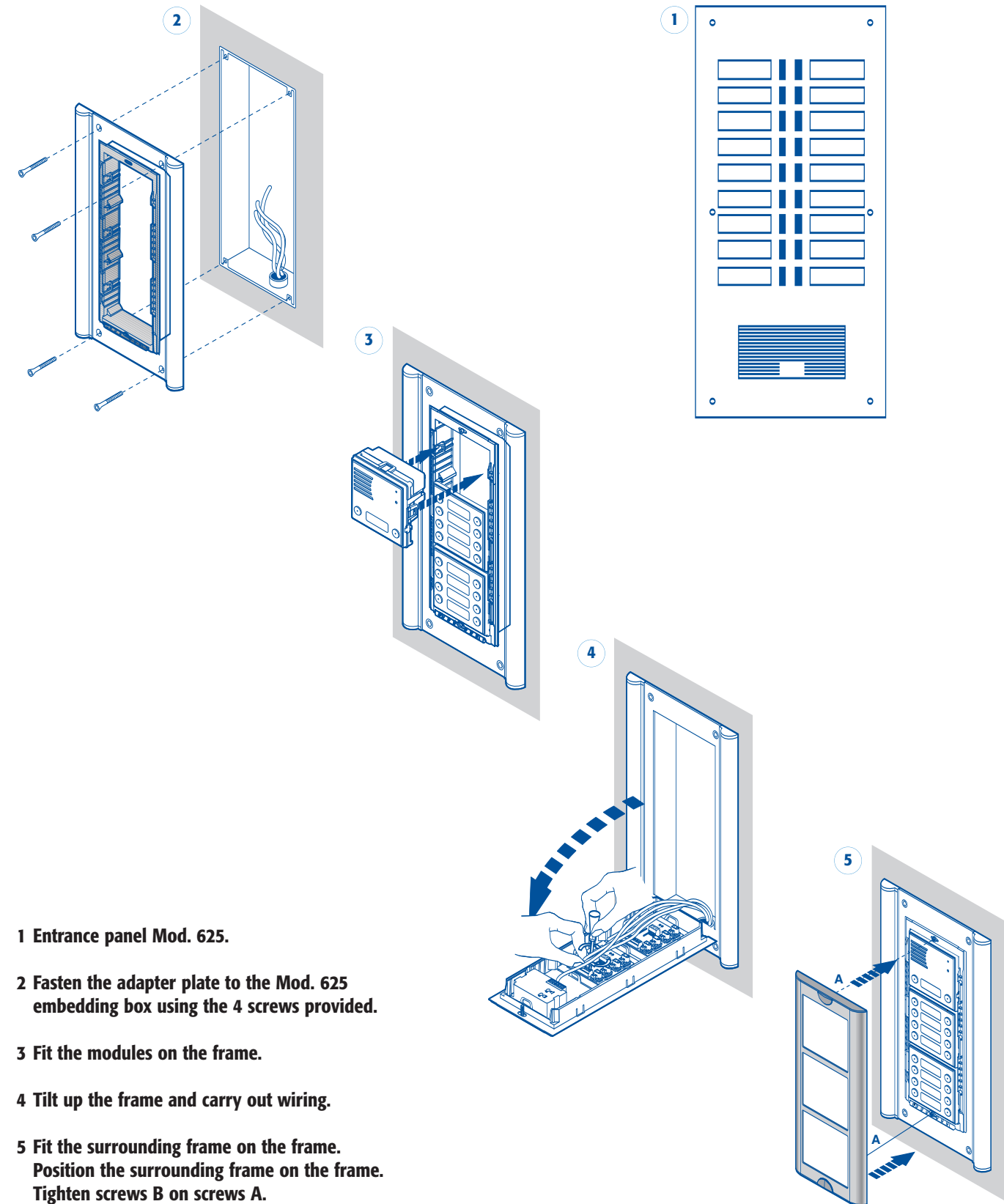


SINTHESI mod. 1145

Table with composition of the Sinthesi entrance panel for retrofitting on Mod. 625 entrance panels in '4+n' wire systems

Code of the Sinthesi adapter for Mod. 625	Adapter dimensions in mm (w x h)	Code of the replacement Mod. 625 entrance panel	Type of Mod. 625 entrance panel	Total No. of Sinthesi modules	1145/500 Speaker module									
					1145/20 module for Speaker Panel '4+n' wires	1145/21 module for Speaker Panel without buttons	1145/22 module for Speaker Panel with 1 button	1145/34 module for Speaker Panel with 2 buttons on 1 row	1145/13 module for Speaker Panel with 2 buttons on 2 rows	1145/14 module for Speaker Panel with 4 buttons on 2 rows	1145/18 module 3 buttons on 1 row	1145/18 module 4 buttons on 1 row	1145/50 roads number module	
1145/803•	179 x 280	7701/3	1 row 3 buttons	2	1	1	-	-	-	-	1	-	-	-
1145/804•	179 x 308	7701/4	1 row 4 buttons	2	1	1	-	-	-	-	-	1	-	-
1145/805•	179 x 336	7701/5	1 row 5 buttons	2	1	-	1	-	-	-	-	1	-	-
1145/806•	179 x 364	7701/6	1 row 6 buttons	3	1	-	-	1	-	-	-	1	-	1
1145/846•	229 x 252	7702/4	2 rows 4 buttons	2	1	1	-	-	-	-	-	1	-	-
1145/846•	229 x 252	7702/6	2 rows 6 buttons	2	1	-	-	1	-	-	-	1	-	-
1145/810•	229 x 308	7702/8	2 rows 8 buttons	2	1	1	-	-	-	-	-	-	1	-
1145/812•	229 x 336	7702/12	2 rows 12 buttons	2	1	-	-	-	-	1	-	-	1	-
1145/814•	229 x 364	7702/14	2 rows 14 buttons	3	1	1	-	-	-	-	-	-	2	-
1145/816•	229 x 392	7702/16	2 rows 16 buttons	3	1	1	-	-	-	-	-	-	2	-
1145/820••	229 x 448	7702/20	2 rows 20 buttons	4	1	-	-	-	-	1	-	-	2	1
1145/822••	229 x 479	7702/22	2 rows 22 buttons	4	1	1	-	-	-	-	-	-	3	-
1145/824••	229 x 504	7702/24	2 rows 24 buttons	4	1	1	-	-	-	-	-	-	3	-
1145/826••	229 x 532	7702/26	2 rows 26 buttons	4	1	-	-	-	1	-	-	-	3	-
1145/828••	229 x 560	7702/28	2 rows 28 buttons	5	1	-	-	-	-	1	-	-	3	1

• Available for sale •• Only if ordered



- 1 Entrance panel Mod. 625.
- 2 Fasten the adapter plate to the Mod. 625 embedding box using the 4 screws provided.
- 3 Fit the modules on the frame.
- 4 Tilt up the frame and carry out wiring.
- 5 Fit the surrounding frame on the frame. Position the surrounding frame on the frame. Tighten screws B on screws A.