

SERIES PES PRO

FRONT-DOOR STATION AUDIO | VIDEO

FLUSH-MOUNT

NEW



TCS:
BUS

VIDEO
2
DRAHT

The flush-mount PES PRO is a compact front-door station designed for 1 to 120 residential units. It features a modern design and technology open to future developments. Functions and sizes can be combined to suit the project. When selecting materials, we also have the future in mind: high-quality and recyclable materials are used for the housing and electronics.

SPECIAL FEATURES

- > Universal devices, usable in both the TCS:BUS and the Video-2-wire
- > Illuminated buttons, nameplates, and accessibility symbols
- > Brightness sensor for reduced energy consumption of button and nameplate illumination
- > Retrofit replacement of the audio module with the same-sized video module possible

VIDEO VARIANT

- > 130° video camera with 4 digitally adjustable positions
- > 3 infrared LEDs for better night vision

COLORS | MATERIALS



Stainless steel,
polished



Aluminium,
powder-coated
white, RAL9010



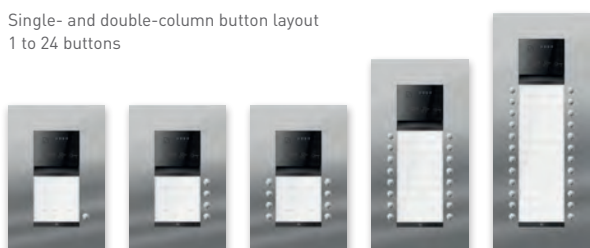
Aluminium,
powder-coated,
anthracite, RAL7016



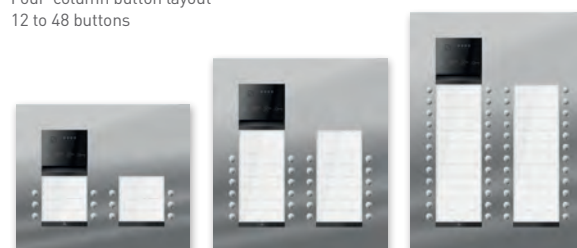
RAL colours and
special anodised
finishes

VARIANTS

Single- and double-column button layout
1 to 24 buttons



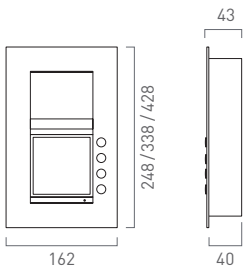
Four-column button layout
12 to 48 buttons



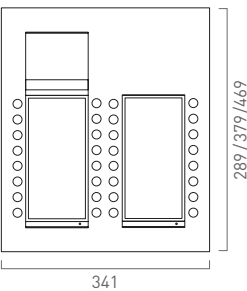
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DIMENSIONS (IN MM)

Single- and double-column
button layout



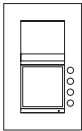
Four-column button layout



Front panel
stainless steel,
1,5 mm



1.5 mm
button height above
the front panel



SERIE PES PRO FLUSH-MOUNT ONE- / TWO-COLUMN

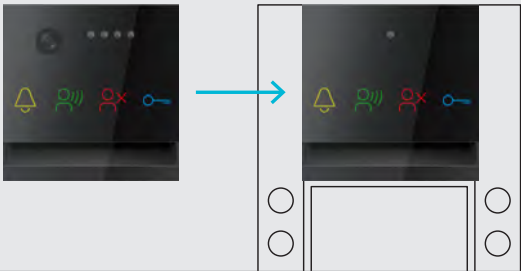
	Front panel HxWxD in mm	Flush-mounted box HxWxD in mm	AUDIO Article No.	VIDEO Article No.
1 Button	289 x 190 x 1,5	248 x 162 x 40	ASU600101-00..	AVU600101-00..
2 Buttons	289 x 190 x 1,5	248 x 162 x 40	ASU600102-00..	AVU600102-00..
3 Buttons	289 x 190 x 1,5	248 x 162 x 40	ASU600103-00..	AVU600103-00..
4 Buttons	289 x 190 x 1,5	248 x 162 x 40	ASU600104-00..	AVU600104-00..
6 Buttons	289 x 190 x 1,5	248 x 162 x 40	ASU600206-00..	AVU600206-00..
8 Buttons	289 x 190 x 1,5	248 x 162 x 40	ASU600208-00..	AVU600208-00..
10 Buttons	379 x 190 x 1,5	338 x 162 x 40	ASU600210-00..	AVU600210-00..
12 Buttons	379 x 190 x 1,5	338 x 162 x 40	ASU600212-00..	AVU600212-00..
14 Buttons	379 x 190 x 1,5	338 x 162 x 40	ASU600214-00..	AVU600214-00..
16 Buttons	379 x 190 x 1,5	338 x 162 x 40	ASU600216-00..	AVU600216-00..
18 Buttons	469 x 190 x 1,5	428 x 162 x 40	ASU600218-00..	AVU600218-00..
20 Buttons	469 x 190 x 1,5	428 x 162 x 40	ASU600220-00..	AVU600220-00..
22 Buttons	469 x 190 x 1,5	428 x 162 x 40	ASU600222-00..	AVU600222-00..
24 Buttons	469 x 190 x 1,5	428 x 162 x 40	ASU600224-00..	AVU600224-00..

Colours | materials: ... 30 stainless steel, polished, ...17 aluminium, powder-coated, anthracite, ...19 aluminium, powder-coated, white
Versions ...10 available from stock, subject to prior sale | ...17, ...19 with delivery time on request

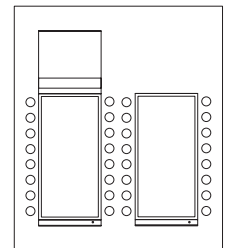
SUSTAINABLE THROUGH MODULAR FUNCTIONS

UPGRADE: Simple conversion from audio to video front-door station
> TCS:BUS Universal Module, Art. No. E50527
[V2D | V6D – Video-2-wire/ Video-6-wire]

MAINTENANCE: Simple replacement of the audio or video module
> TCS:BUS Audio Module, Art. No. E50606
> Video-2-wire/ Video-6-wire Video Module, Art. No. E50527
> PES PRO Nameplate Module 90x90 mm, Art. No. E38168



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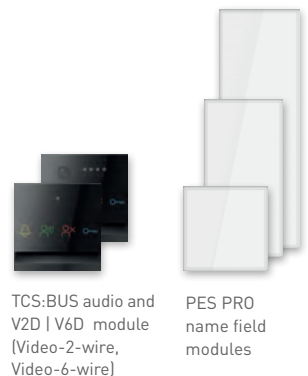


SERIE PES PRO FLUSH-MOUNT FOUR-COLUMN

	Front panel H x W x D in mm	Flush-mounted box H x W x D in mm	AUDIO Article No.	VIDEO Article No.
12 Buttons	289 x 341 x 1,5	248 x 313 x 40	ASU600412-00..	AVU600412-00..
16 Buttons	289 x 341 x 1,5	248 x 313 x 40	ASU600416-00..	AVU600416-00..
20 Buttons	379 x 341 x 1,5	338 x 313 x 40	ASU600420-00..	AVU600420-00..
24 Buttons	379 x 341 x 1,5	338 x 313 x 40	ASU600424-00..	AVU600424-00..
28 Buttons	379 x 341 x 1,5	338 x 313 x 40	ASU600428-00..	AVU600428-00..
32 Buttons	379 x 341 x 1,5	338 x 313 x 40	ASU600432-00..	AVU600432-00..
36 Buttons	469 x 341 x 1,5	428 x 313 x 40	ASU600436-00..	AVU600436-00..
40 Buttons	469 x 341 x 1,5	428 x 313 x 40	ASU600440-00..	AVU600440-00..
44 Buttons	469 x 341 x 1,5	428 x 313 x 40	ASU600444-00..	AVU600444-00..
48 Buttons	469 x 341 x 1,5	428 x 313 x 40	ASU600448-00..	AVU600448-00..

Colours | materials: ... 30 stainless steel, polished, ...17 aluminium, powder-coated, anthracite, ...19 aluminium, powder-coated, white
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ACCESSORIES	HxWxD in mm	Article No.
TCS:BUS audio module	95 x 90 x 23	E50606
V2D V6D video module (Video-2-wire Video-6-wire)	95 x 90 x 23	E50527
PES PRO name field module 90 x 90 mm	90 x 90 x 4	E38168
PES PRO name field module 180 x 90 mm	182 x 90 x 4	E38169
PES PRO name field module 270 x 90 mm	272 x 90 x 4	E38170
Labelling polyester film, 5 pieces		SPNA4



TCS:BUS audio and
V2D | V6D module
(Video-2-wire,
Video-6-wire)

PES PRO
name field
modules

SERIES PES PRO

DEVICE PROPERTIES

- > Contour lighting of the buttons in white
- > Bell button made of plastic with a metal cap and maintenance-free gold contacts
- > Assignment of 2 indoor stations per bell button possible
- > Energy-saving nameplate illumination with LED
- > Nameplate made of shatterproof glass

OPTICAL INDICATORS

- > Display of operating states through acoustic signals and large, brightly lit symbols, barrier-free according to DIN 18040-1
- > Call: yellow illuminated bell symbol
- > Speech connection: green illuminated speech symbol
- > Error: red illuminated error symbol
- > Door opening: blue illuminated key symbol

FUNCTIONS

- > Any bell button can be used to switch lights
- > Modular design: individual components replaceable
- > EEPROM board replaceable, backward compatible to 2016
- > Front-door station simulates door buzzer sound, deactivation possible
- > All acoustic signals adjustable via a rotary knob, automatic detection based on operating state
- > Speaking volume: adjustable during active speech connection
- > Acknowledgment tone volume: adjustable at rest
- > Door buzzer volume: adjustable during door opener signal
- > Display brightness: adjustable after pressing the image activation button on the indoor station
- > Door opener time: adjustable from 0 to 15 seconds, factory set to 4 sec.
- > Call time: adjustable from 0 to 7.5 seconds, factory set to 0 seconds (inactive)
- > Privacy function activatable (factory deactivated)
- > ePTZ camera function: image section selectable from the overall image or from 3 x 3 sectors with up to 4 presets for switching
- > Usable according to GDPR requirements
- > Optional security function: door opener only triggerable during call or active speech connection

TECHNICAL DATA

- > Material and color: Aluminum in silver
- > Surface treatment: anodized
- > Supply voltage TCS:BUS: 24 V $\pm$ 8%
- > Supply voltage Video-2-wire:BUS: 32 V $\pm$ 8%
- > Protection class: IP44
- > Permissible ambient temperature: -25 °C to 55 °C
- > Housing dimensions: Height: 248 / 338 / 428 mm (single and double-column) or 289 / 379 / 469 mm (four-column), Width: 162 or 341 mm, Depth: 43 mm

- > Audio variant ASU600xxx-0010:
TCS:BUS 2-wire operation
TCS:BUS 3-wire operation
Video-2-wire:BUS 2-wire operation
Video-2-wire:BUS 3-wire operation
- > Video variant AVU600xxx-0010:
TCS:BUS 3-wire operation
TCS:BUS 6-wire operation
Video-2-wire:BUS 2-wire operation
Video-2-wire:BUS 3-wire operation

(Idle input current and maximum input current see product information on page 10 – www.tcsneu.de/pespro)

VIDEO CAMERA

- > Camera type: Color camera with 1/3" CMOS image sensor
- > Resolution: (TVL) 600, 976 x 496 pixels
- > Light sensitivity with infrared support: 0 lux
- > Light sensitivity without infrared support: 1 lux
- > Automatic day/night switch
- > Detection angle: diagonal 130°/ horizontal 112°/ vertical 77°
- > Focal length f: 2.5 mm
- > Video output: 1 Vpp, balanced, 1 Vss CVBS

MOUNTING

- > Flush mounting for outdoor use
- > Recommended installation height: 1.60 m
- > Connections for bell button extension and relay
- > Wiring: simple and tool-free with removable plug-in terminals and spring contacts

ACCESSORIES

- > Relay module FAA3100-0300

SUSTAINABILITY/ENVIRONMENTAL PROTECTION

- > Packaging made from recycled material
- > Housing and electronics recyclable
- > 15-year lifespan
- > RoHS/REACH compliant

CONTACT

For planning questions, use the technical hotline advice

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Send your inquiries to

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