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Trunking Systems

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DELTA millennium · Order form

For further technical information
please refer to the GAMMA building
management systems manual or visit
our Web site at:

<http://www.siemens.de/gamma>

Trunking Systems

DELTA millennium

Overview



The DELTA millennium *instabus* KNX EIB trunking system has an impressive homogeneous, level, clear structured operator interface made of anodized aluminum.

It hides a wealth of innovative technology, exclusively for use with the *instabus* KNX EIB:

- independent of country-specific switch and socket boxes
- linking element between ceilings and floors
- Installation of devices from the *N.System*, e.g. *instabus* KNX EIB actuators

The trunking is comprised of a trunking base and a trunking lid. The trunking lid is easily and quickly snap-fitted in the trunking base in the same way as the modules.

The individual modules can be arranged side by side in any order and be used in any number.

Design

The modular design provides great flexibility during the planning phase:

- **Trunking**
 - Surface-mounting model
 - Flush-mounting model (available soon)
- **Modules**
 - *instabus* KNX EIB modules (pushbuttons, room temperature controllers)
 - Outlet module
 - Masking module (with Siemens logo)
- **Accessories**
 - Set of end plates
 - Wall junction cover
 - Cable holder
 - Grounding set
 - Disassembly tool

Design

DELTA millennium is also unique in terms of design and operator friendliness:

- customized labeling with text in the user's national language and symbols
- uniform, homogeneous and self-explanatory conventional keys homogeneously illuminated, high-intensity status and orientation lighting

Disassembly

One masking module per trunking section is required to open a closed trunking line.

Other modules or trunking lids cannot be disassembled until after the masking module has been removed with the disassembly tool.



Ordering data

Following data are required for all orders:

- Trunking
 - The length of the trunking base depends on the room height
 - The number and lengths of the trunking lids depends on the number of modules
- Modules
 - Labeling text
 - Symbols

Please complete an order form for each module (see page 2/5) and enclose it with the order.

Please send EDP orders by fax.

Orders for trunking bases and trunking lids should be made out for the length required in meters, not for a certain number of pieces.

Example:

You want to order a trunking base with a length of 173 cm.

wrong

1 item 5WG1 195-3AB01, 173 cm long

right

1.73 m 5WG1 195-3AB01

Selection and ordering data

Dimensions H x W x D mm	Order No.	Price 1 item	PG	Weight 1 item kg	PS*/ P. unit Items
Trunking					
 <p>AP 195 trunking bases For surface mounting. Comprised of 1 ground conductor, 3 ground terminals, 1 partition wall, 4 holders for the partition wall and 5 coupling pins. Quote length when placing your order (maximum length: 2 m), (see ordering data, Page 2/2). W x D: 170 x 68</p>	5WG1 195-3AB01		030	1 m 2,200	1 m
 <p>IKE 197 trunking lids Comprised of 1 ground conductor, 1 ground terminal for the trunking lid and 1 ground terminal for the trunking base. Quote length when placing your order (maximum length: 6 m), (see ordering data, Page 2/2). W: 166</p>	5WG1 197-8AB01		030	1 m 1,300	1 m
Modules					
 <p>Pushbuttons IKE 281, single With a uniformly illuminated red luminous bar, for use as either a status indicator or an orientation light. Parameterizable as a pushbutton, switch, dimmer or shutter/blind switch. Comprised of a bus coupling unit, 1 ground conductor and 1 ground terminal for the trunking base. The text for the labeling field and the symbol for the pushbutton is engraved. Specify the text and symbol when placing your order (see order form, Page 2/5). 80 x 166 x 41</p>	5WG1 281-8AB01		030	0.356	1
 <p>IKE 282, double With a uniformly illuminated red luminous bar, for use as either a status indicator or an orientation light. Parameterizable as a pushbutton, switch, dimmer or shutter/blind switch. Comprised of a bus coupling unit, 1 ground conductor and 1 ground terminal for the trunking base. The text for the labeling field and the symbol for the pushbuttons is engraved. Specify the text and symbol when placing your order (see order form, Page 2/5). 80 x 166 x 41</p>	5WG1 282-8AB01		030	0.362	1
 <p>IKE 283, quadruple With a uniformly illuminated red luminous bar, for use as either a status indicator or an orientation light. Parameterizable as a pushbutton, switch, dimmer or shutter/blind switch. Comprised of a bus coupling unit, 1 ground conductor and 1 ground terminal for the trunking base. The text for the labeling field and the symbol for the pushbuttons is engraved. Specify the text and symbol when placing your order (see order form, Page 2/5). 80 x 166 x 41</p>	5WG1 283-8AB01		030	0.360	1

* You can order this quantity or a multiple thereof.

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	Dimensions H x W x D mm	Order No.	Price 1 item	PG	Weight 1 item kg	PS*/ P. unit Items
Modules (Continued)						
	<p>IKE 250 room temperature controllers</p> <p>Can be used as a two-position controller (thermostat) or as a continuous controller (P or PI controller) for heating operation only as well as for combined heating/cooling operation. With a uniformly illuminated red luminous bar for indicating the current setpoint displacement and the selected operating mode (convenience, standby mode, nighttime reduction, frost/heat protection). The pushbuttons are used to shift the basic setpoint (+ and -) and to switch between convenience and standby mode. Comprised of a bus coupling unit, 1 ground conductor and 1 ground terminal for the trunking base.</p> <p>The text for the labeling field is engraved.</p> <p>Specify the text when placing your order (see order form, Page 2/5).</p> <p>80 x 166 x 41</p>	5WG1 250-8AB01		030	0.341	1
	<p>IKE 198 outlet covers</p> <p>With a hinged lid and an engraved connector symbol. Comprised of a device installation box for the AP 195 trunking base, 1 ground conductor and 1 ground terminal for the trunking base. Siemens (SCHUKO) outlets of DELTA design can be installed in the supplied device installation box. The outlet must be ordered separately.</p> <p>160 x 166</p>	5WG1 198-8AB01		030	0.015	1
	<p>IKE 195 masking modules</p> <p>One masking module per trunking section is required to open a closed trunking line. Other modules or trunking lids cannot be disassembled until after the masking module has been removed. Comprised of the Siemens logo, 1 ground conductor and 1 ground terminal for the trunking base.</p> <p>80 x 166</p>	5WG1 195-8AB41		030	0.199	1
Accessories						
	<p>Disassembly tool</p> <p>For easy disassembly of the blanking module (with suction pads) and the modules or trunking lids (with hooks).</p>	5WG1 195-8AB51		030	0.159	1
	<p>Set of end plates</p> <p>For terminating the trunking at the front end. Comprised of 2 end plates, 2 ground conductors and 2 ground terminals for the trunking base.</p> <p>170 x 68</p>	5WG1 195-8AB21		030	0.663	1
	<p>Wall junction cover</p> <p>As masking for wall or ceiling openings and for clean termination of trunking to the wall or ceiling.</p>	5WG1 195-8AB31		030	0.198	1
	<p>Cable holder</p> <p>For fixing sheathed cables in the trunking base. Comprised of 1 assembly rail with 2 sliding nuts, 5 cable clips and 2 screws with serrated washers.</p>	5WG1 195-8AB01		030	0.112	1
	<p>Grounding set</p> <p>Comprised of 3 ground conductors, 3 ground terminals for the trunking base and 3 ground terminals for the trunking lid.</p>	5WG1 195-8AB11		030	0.127	1

IV

IKE 281 Pushbutton, single

V

VI

IKE 282 Pushbutton, double

V

VI

IKE 283 Pushbutton, quadruple

V

VI

IKE 250 Temperature controller

V

-2 -1 0 1 2

— +

Symbols:

S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12
								1	2	3	4
S13	S14	S15	S16	S17	S18	S19	S20	S21	S22	S23	S24
						—	+				

I2_07689d

To Siemens AG, A&D ET LZA4
Regensburg
Fax: +49(0)941 790-2751

Date Customer's reference
order reference I

I Order item II Quantity III Order no.

5WG1 . . . -

Project Installation site Local partner

Notes

How to fill in the order form:

- I State order item
- II State quantity
- III Fill in desired order no.
- IV Mark desired module according to order no.
- V State inscription text
(font: Univers S47 Condensed Light 24 point)
- VI Select and state symbols

Special inscriptions on demand.

Example for ordering:

Illumination

S1 S2 S16 S17



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Notes

