



Type 434...

Type 432...

Technical data

Ex-Control stations Type 432 | Type 434

Marking to 94/9/EC	Ⓔ II 2 G Ex ed ib m IIC T6 Ⓔ II 2 D Ex tD A21 IP66 T80 °C
EC-Type Examination Certificate	PTB 00 ATEX 3117
IECEX Certificate of conformity	IECEX BKI 04.0003
Marking accd. to IECEx	Ex e II T6, Ex e ib IIC T6, Ex ed IIC T6 or Ex ed ib IIC T6
Permissible ambient temperature	-20 °C to +40 °C -55 °C to +55 °C (option)
Rated voltage	690 V AC (with control switch GHG 23 to 500 V)
Rated current	16 A (with control switch GHG 23 max. 10 A)
Switch rating control switch GHG 23	AC 15: 230 V/10 A / 500 V/6 A DC 13: 24 V/ 2 A / 230 V/0.4 A
Connecting terminals	2 x 4 mm ²
Insulation class	I
Degree of protection accd. EN 60529	IP66 (standard) IP65 (measuring instrument AM45, double pushbutton)
Cable glands/Gland plates/Enclosure drilling	2 x M25 EEx-e cable gland for cables from Ø 8 - 17 mm incl. 1 blanking plug or 2 x M20 thread
Enclosure material	Polyamide
Enclosure colour	Black

Type 432

Dimensions (L x W x H)	156 x 100 x 90 mm
Weight (empty)	0.47 kg

Type 434

Dimensions (L x W x H)	245 x 100 x 90 mm
Weight (empty)	0.70 kg

¹⁾ Base enclosure can be rotated afterwards (entry from top or down)

Other versions available on request



Type 434...11

Type 434...10

Type 434...02

Ordering details type 434 with 4 built-in components

Version	Built-in components	Weight approx.	Order No.
<p>1 — — 2</p>	<p>1 x measuring AM72 CT connection n/1A Scale 0 –100%/150%</p> <p>1 x double pushbutton DDT 1 NO + 1 NC label: "0, I, START, STOP"</p> <p>1 x mushroom-head pushbutton SGT 1 NO + 1 NC "Emergency stop"</p>	1.40 kg	GHG 434 0111 R0002
<p>1 — — 2</p>	<p>1 x measuring AM72 CT connection n/1A Scale 0 –100%/150%</p> <p>1 x mushroom-head pushbutton SGTE 1 NO + 1 NC "Emergency stop"</p> <p>1 x control switch GHG 23 1 change-over SW 6 "engaging-engaging" label: "0 – I"</p>	1.55 kg	GHG 434 0111 R0010
<p>1 — — 2</p>	<p>1 x measuring AM72 CT connection n/1A Scale 0 –100%/150%</p> <p>1 x mushroom-head pushbutton SGTE 1 NO + 1 NC "Emergency stop"</p> <p>1 x control switch GHG 23 1 NO + 1 NC SW 8 "engaging-engaging-spring return" label: "0 – I"</p>	1.55 kg	GHG 434 0111 R0011

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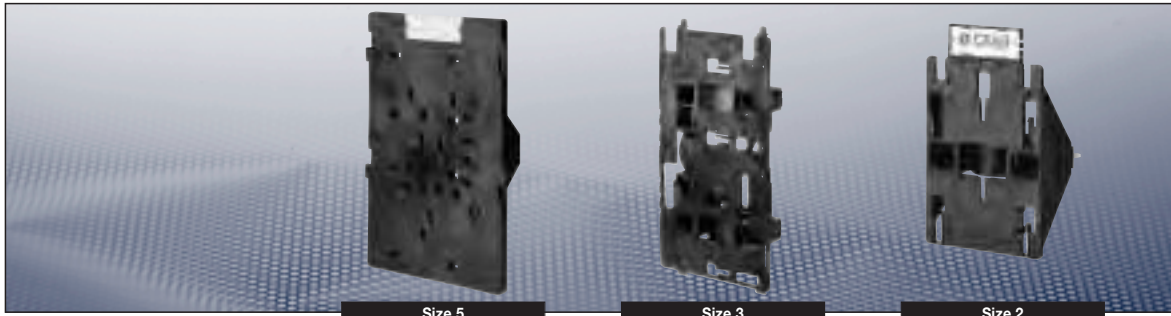
| Ex-control stations |



Ordering details type 434 with 4 built-in components

Version	Built-in components	Weight approx.	Order No.
<p>X1—⊗—X2</p>	<p>1 x signal lamp SIL 20-250 V AC/DC coloured lens cover: "white, red, green, yellow" 2 x pushbutton DRT 1 NO + 1 NC label: "0, I, START, STOP" 1 x mushroom-head pushbutton SGTE 1 NO + 1 NC "Emergency stop"</p>	1.45 kg	GHG 434 1111 R0004
<p>X1—⊗—X2</p>	<p>2 x signal lamp SIL 20-250 V AC/DC coloured lens cover: "white, red, green, yellow" 2 x double pushbutton DDT 1 NO + 1 NC label: "0, I, START, STOP"</p>	1.45 kg	GHG 434 1111 R0005
<p>X1—⊗—X2</p> <p>()</p>	<p>1 x signal lamp SIL 20-250 V AC/DC coloured lens cover: "white, red, green, yellow" 1 x double pushbutton DDT 1 NO + 1 NC label: "0, I, START, STOP" 1 x mushroom-head pushbutton SGTE 1 NO + 1 NC "Emergency stop" 1 x key-operated switch 2 NO SW 5 "engaging-engaging-engaging" label: "I 0 II"</p>	1.55 kg	GHG 434 1111 R0009

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Accessories

Mounting plate for type 432

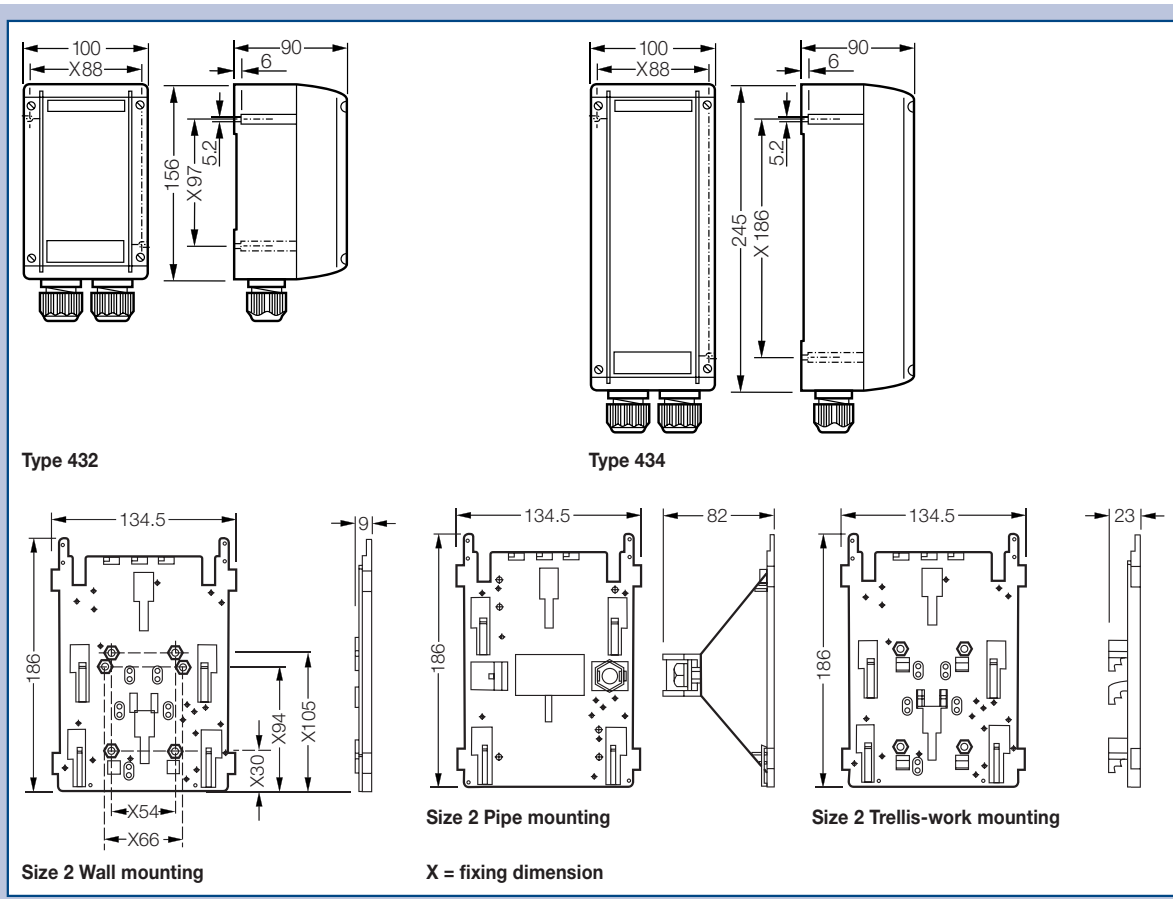
Type	Application	Mounting technique	OU	Order No.
Size 2	Wall mounting	screw-on	1	GHG 610 1953 R0104
Size 2	Pipe mounting	screw-on	1	GHG 610 1953 R0105
Size 2	Trellis-work mounting	screw-on	1	GHG 610 1953 R0106
Size 5	Wall mounting	snap-on *	1	GHG 610 1953 R0128
Size 5	Trellis-work mounting	snap-on *	1	GHG 610 1953 R0128
Size 5	Pipe mounting	snap-on *	1	GHG 610 1953 R0132

Mounting plate for type 434

Type	Application	Mounting technique	OU	Order No.
Size 3	Wall mounting	screw-on	1	GHG 610 1953 R0118
Size 3	Pipe mounting	screw-on	1	GHG 610 1953 R0110
Size 3	Trellis-work mounting	screw-on	1	GHG 610 1953 R0118
Size 5	Wall mounting	snap-on *	1	GHG 610 1953 R0128
Size 5	Trellis-work mounting	snap-on *	1	GHG 610 1953 R0128
Size 5	Pipe mounting	snap-on *	1	GHG 610 1953 R0132
Snap-on mounting for CEAG apparatus with 5.5 mm and 11 mm mounting size per 4 pieces			10	GHG 610 1953 R0041

* snap-on with snap-on mounting 5.5 mm

Dimension drawing



Dimensions in mm