



Energy Conservation Solutions
'our promise, you'll save'

Door Entry Systems



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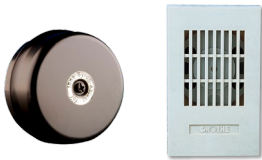
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Door Entry Systems

Grothe and smartwares/Bryon have over 100 years of experience in the door entry market. We offer a comprehensive range of door chimes and door intercoms at the best quality and price.

Everything from research and development, to our friendly after

sales service makes us the best company to deal with for door entry products. From a traditional country house to a modern new build, we have something for every home.

Video Intercoms





The **Wi-Fi** video intercom to your phone

Smartwares Wi-Fi is the next step in Video Intercom systems. You never miss a visitor and it makes you feel you are always at home. Free IOS-Android APP, motion detection*, and live view are just a few of many options available.

Wi-Fi Video intercom

Unique WIFI features

- Answer your front door remotely anywhere in the world
- Live view and audio on your smartphone(s) or tablet(s)
- Range 150m (unobstructed)
- Doorlock function
- 433MHz + 2.4GHz
- Nightview
- Motion detection* (only DIC-23122)
- Free storage on SD card (not supplied)
- 2 way speech
- View angle 160°

Technical Data DIC-23122

- AC 7.5V-36V / DC 9V-36V/1A Direct Power Input
- TF Memory Card up to 128GB and optional cloud backup (not included)
- Motion detection
- IP55

Technical Data DIC-23216

- Power supply AC:9V~36V/DC:12~30V Direct Power Input*, including Power adaptor (15V/1.5A)
- TF Memory Card up to 32GB with Max 3000 events (not included)
- 5000mAH Rechargeable battery
- USB charging cable - 5V/1A
- IP55



DIC-23112



DIC-23216

Model	Order No	Description
DIC-23112	DIC-23112	• 2 wire Wi-Fi and LAN • 1080P HD camera • Silver/Grey
DIC-23216	DIC-23216	• Wireless Wi-Fi battery operated • 720P HD camera • Grey

Video Door Intercom



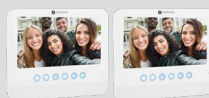
Video door intercom



DIC-22412



DIC-22212



DIC-22222

Wired Video Door Intercom

- Easy 2-wire installation
- HD 720P camera
- Camera angle adjustable
- Slimline 178mm (7") LCD monitor
- Video recording on TF card (not included)
- Flat surface mounted
- 20 melodies
- Door & gate unlock function
- Handfree communication
- Touch buttons
- Illuminated name facility on push

Technical Data

Indoor Unit

- 15V DC 1A
- Effective pixels: 800x3(RGB)x480
- Colour conf: R.G.B delta

Outdoor Unit

- Night vision: 0.5m approx
- Image sensor type: 1/4" CMOS
- View angle: (DIC-22412) 70° approx
- View angle: (DIC-22212/22) 100° approx
- Power supply: from indoor monitor
- IP55 (Door bell only)

Model	Order No	Description
DIC-22412	DIC-22412	• White one 178mm (7") colour video intercom and one metal housing outdoor unit. 2.4GHz
DIC-22212	DIC-22212	• White one 178mm (7") colour video intercom and one aluminium outdoor unit 433.34MHz
DIC-22222	DIC-22222	• White two 178mm (7") colour video intercom and one aluminium outdoor unit 433.34MHz

Electric door opener



DB5005



DB5005L

Model	Description
DB5005	Electric Door Opener • Left & right turning doors • Easy 2-wire installation • Use with 12V intercoms
DB5005L	Electric Door Opener • Left & right turning doors • Deadbolt facility • Easy 2-wire installation • Use with 12V intercoms

Byron

Wireless door chimes

Wireless battery door chimes kits (125 to 200m)

Features

- BY bell press compatible
- Portable
- 8 melodies
- Clear sound
- Volume control
- Nightglow push
- Up to max 6 chimes connectable
- Anti theft secure locking catch (except BY504E)
- Name facility on push (except BY502E and BY502ZE)
- Version available with door push BY34 (refer to page 9)

Technical data

- Bell Press:
 - Battery 1 x CR2032 (Included)
 - IP44 weather resistant
- Door Chime:
 - 3 x 'AA'/LR6 1.5V Batteries (Not included)
 - Indoor use only

Model	Order No	Description (Features as above)	Colour
BY601E	10.007.85	• 200m open range	• Colour - Door bell white/grey - Bell press white
BY504E	10.007.84	• 125m open range • Super bright flashing led light • Changeable covers (extra cover included) • BY-EU and BY-NB covers available	• Colour - Door bell white/grey - Bell press white
BY501E	10.007.83	• 125m open range	• Colour - Door bell white - Bell press white
BY206E	10.007.76	• 125m open range	• Colour - Door bell white/grey - Bell press white
BY206FE	10.007.79	• 125m open range • Super bright flashing led light	• Colour - Door bell white/grey - Bell press white
BY502E	10.007.82	• 125m open range	• Colour - Door bell white - Bell press white
BY501ZE	10.012.57	• 125m open range	• Colour - Door bell black/grey - Bell press grey/white



BY601E



BY504E



BY-EU

BY-NB



BY501E



BY206E



BY206FE



BY502E



BY501ZE

Byron

Wireless door chimes

Wireless battery door chimes kits (60 to 75m)



B401E



BY401W



BY401B

Features

- B&DB series compatible (B401E)
- BY series compatible (BY401W/B)
- Portable
- Up to max 2 chimes connectable

Technical data

- Bell Press:
 - Battery 1 x 23A (Included)
 - IP44 weather resistant
- Door Chime:
 - 3 x 'AA'/LR6 1.5V Batteries (not included)
 - Indoor use only
- 433.92MHz

Model	Order No	Description (Features as above)	Colour
B401E	10.007.71	• Name plate window on bell press (DBT) • 75m open range • 4 melodies	• Colour - Door bell white - Bell press white
BY401W	10.022.27	• 60m open range • 4 melodies	• Colour - Door bell white - Bell press white
BY401B	10.022.26	• 60m open range • 4 melodies	• Colour - Door bell black - Bell press black

Wireless battery door chimes door kits (50m)



B304



DB401E



B314

Features

- B & DB series compatible
- Portable
- 50m open range
- Up to max 2 chimes connectable
- One and two melody options (model specific)

Technical data

- Bell Press:
 - Battery 1 x 23A (Included)
 - IP44 weather resistant
- Door Chime:
 - 3 x 'AA'/LR6 1.5V Batteries (not included)
 - Indoor use only
- 433.92MHz

Model	Order No	Description (Features as above)	Colour
B304	00.640.39	• 1 button bell press with nightglow (98YJ) • 2 melodies	• Colour: white
DB401E	10.007.65	• 1 button bell press with name plate window (DBT) • 1 melody	• Colour: white
B314	10.020.79	• 2 x 1 button bell presses • 2 melodies	• Colour: white

Wireless Bell Press



Wireless bell press nightglow

Features

- 125 m open range
- Battery included
- Nightglow push
- BY compatible
- Up to max 6 chimes connectable
- Anti-theft secure locking catch

Technical data

- Max. 12V (1,5A), min. 5V (1mA)
- IP 40
- Surface mounting with pre-mounting panel

Model	Order No	Description	Colour
BY34	10.020.05	• 1 button bell press	• White
BY35	10.020.06	• 1 button bell press	• Black
BY37	10.012.58	• 1 button bell press with name plate window	• White
BY37Z	10.020.08	• 1 button bell press with name plate window	• Black



BY34



BY35



BY37



BY37Z

Wireless bell press

Features

- BY Compatible
- 100m open range
- Battery included
- Up to max 6 chimes connectable
- Anti theft secure locking catch

Technical data

- Battery 1 x CR2032 (Included)
- IP44 weather resistant

Model	Order No	Description	Colour
BY33	00.640.05	• 1 button bell press	• Black
BY30	00.640.04	• 1 button bell press	• White



BY33



BY30

QUICK Reference Guide	BY601E	BY504E	BY501E	BY206E	BY206FE	BY502E	BY501ZE	B401E	BY401W/ BY401B	B304/B314	DB401E
Range open space (m)	200	125	125	125	125	125	125	75	60	50	50
Melodies	8	8	8	8	8	8	8	4	4	2	1
Volume Control	✓	✓	✓	✓	✓	✓	✓				
Nichtglow Push	✓	✓	✓	✓	✓	✓	✓			✓	
Super Bright Flashing LED Light		✓			✓	✓					
Changeable Covers (extra cover included)		✓									
Name plate window	✓	✓	✓	✓	✓			✓			✓
Max chimes connectable	6	6	6	6	6	6	6	2	2	2	2
Anti theft secure locking catch	✓		✓	✓	✓	✓	✓				
BY compatible	✓	✓	✓	✓	✓	✓	✓		✓		
B & DB Compatible								✓		✓	✓

((ECHO))

The HiFi doorchime to play your own Sounds



The new Echo with its attractive design is characterized by the brilliant sound quality. Through its own micro SD card, the user can add audio clips via the PC software for editing and storing their own unique sounds. The Echo is an absolute winner!

Electronic chimes ECHO



ECHO 120 SW



ECHO 120 WS



ECHO 230 SW



ECHO 230 WS

Unique Echo features

- 90 seconds space for melodies
- Volume adjustable up to max. 85 dB(A)
- Cutting software on CD
- Brilliant sound quality
- Standard melodies on CD

Technical Data

- Typical battery life 5 years (based on 7 pushes per day)
- Available power supply 8-12V AC/DC and / or 4 x 1.5V "C" size batteries (not included)
- Available 230V AC or 8-12V AC/DC power supply

Model	Order No	Description
ECHO 120 SW	43530	HiFi electronic chime • Black • Power supply 8-12V AC/DC and /or 4 x 1.5V "C" size batteries* • 180 x 120 x 50mm
ECHO 120 WS	43531	HiFi electronic chime • White • Power supply 8-12V AC/DC and /or 4 x 1.5V "C" size batteries* • 180 x 120 x 50mm
ECHO 230 SW	43540	HiFi electronic chime • Black • 230V AC or 8-12V AC/DC power supply • 180 x 120 x 50mm
ECHO 230 WS	43541	HiFi electronic chime • White • 230V AC or 8-12V AC/DC power supply • 180 x 120 x 50mm

*Batteries not included



CROMA

The electronic door chime
for all electrical connections

Electronic chimes **CHROMA** - 100A/230A

The **DESIGNER CHIME** with a large selection of melodies and an additional ALARM function – a “jewel” in any room!



CROMA 100A



CROMA 100A ws/ws



CROMA 100A ws/si



CROMA 100A ws/sw

Features

- 17 brilliant polyphone sounds
- Switchable from melody to ALARM tone
- Movement detectors option
- 2 different paging signals for access control
- SILENCE function (one-button mute function) with LED indicator
- Parallel circuit to further CROMA or to electromechanical chimes

Technical data

- Battery operated: 4 x 1.5V batteries (“C” size, not included)
- Transformer operated: 230V 8-12V AC/DC (not included)
- Max. 86 dB(A)
- Temperature range +5°C to +40°C
- Protection rating IP 40

Model	Order No	Description
CROMA 100A	43170	Electronic chime • Colour Silver/Grey
CROMA 100A ws/ws	43172	Electronic chime • Colour White/White
CROMA 100A ws/si	43573	Electronic chime • Colour White/Silver
CROMA 100A ws/sw	43574	Electronic chime • Colour White/Black

The **DELUXE ELECTRONIC CHIME** with a large selection of melodies and additional ALARM function — multi-volt operation up to 230V makes it particularly attractive.

Features

- 17 brilliant polyphone sounds
- Switchable from melody to ALARM tone
- Movement detectors option
- 2 different paging signals for access control
- SILENCE function (one-button mute function) with LED indicator
- Parallel circuit to further CROMA chimes or to electromechanical chimes possible

Technical data

- Multi-volt operation with 8–12V~/= (250 mA) or 230V~ (15 mA)
- Integrated transformer, can also be used for mixed installations and renovation (e.g. 230V power supply and triggering over 8V of an existing bell transformer)
- Max. 86 dB(A)

Note

- If supplied with 230V~ power, in accordance with the standard, an all-pole mains control switch must be provided in the building electrical installation! The integrated transformer is not suitable for this and is not designed for the operation of electrical door openers. If necessary, an additional transformer (e.g. GT 3148) must be supplied by the customer.
- When triggering with 230V, use only suitable 230V buttons!

Model	Order No	Description
CROMA 230A	43175	Electronic chime, Colour White/Silver
CROMA 230A - a/w	43190	Electronic chime, Colour White/Silver - function as above
CROMA 231A	43177	Electronic chime, Colour Silver/Grey - function as above



CROMA 230A



CROMA 230A-a/w



CROMA 231A



CROMA

The electronic door chime
for all electrical connections



Flush-type
electronic
chime

Electronic chimes CROMA 50 / Chime 225A

BATTERY-OPERATED ELECTRONIC CHIME with standard functions

Features

- 3 sounds (2/3 tone, Westminster)
- 3 different paging signals
- Continuous tone only in the case of continuous non-isolated impulse
- Parallel circuit to further CROMA chimes or to electromechanical chimes possible

Technical data

- Operated with 4 x 1.5V batteries only ("C" size, not included)
- Safe ring tone activation with potential-free contact or with 8–12V~/=



Model	Order No	Description
CROMA 50	43150	Electronic chime , Colour White/Silver-grey
CROMA 225A	43225	Electronic chime , Colour White base/White front
CROMA 50 ws	43152	Electronic chime like CROMA 50, Colour White base/White front
CROMA 50A sw	43553	Electronic chime like CROMA 50, Colour White base/Black front
CROMA 50 si	43154	Electronic chime like CROMA 50, Colour White base/Silver front
CROMA 50A rt	43155	Electronic chime like CROMA 50, Colour White base/Red front
CROMA 50A gn	43156	Electronic chime like CROMA 50, Colour White base/Green front

Electronic chimes Flush-mounted

FLUSH MOUNTED SIGNALLING: Series consisting of flush-type chime, flush-type bell and flush-type buzzer as single unit or for integration in standard switch product ranges (50 x 50mm adapter frame of the switch manufacturer)

Features

- 17 polyphone ring tones
- Integration in switch product range possible

Technical Data

- Chime volume up to 83 dB(A)
- Volume LTW / SU up to 80 dB(A)

Functions

- Double call differentiation
- Continuous volume adjustment
- Mute

Note

- Recommendation: Use switch branching boxes (depth 60mm)
- Supplied including mounting plate and frame



UP Chime 120ws
UP Chime 230ws



UP LTW 120ws
UP LTW 230ws



UP SU 120ws
UP SU 230ws

Model	Order No	Description
UP CHIME 120ws	43701	Flush-type electronic chime • 17 polyphone ring tones • Mute • cont. volume adjustment • Colour: white • incl. mounting plate & frame • 8-12V ~/ 0.280 A/permanent voltage • up to 83 dB(A) • 50 x 50 x 43mm
UP CHIME 230ws	43706	Flush-type electronic chime • as 43701, but: 230V~, 50Hz / 0.080 A/permanent voltage
UP LTW 120ws	43711	Flush-type electronic chime • small bell • up to 80 dB(A) • incl. mounting plate & frame • 8-12V~/ 0.320A/ permanent voltage • 50 x 50 x 48mm • Colour: white
UP LTW 230ws	43716	Flush-type electronic chime • as 43711, but: 230V~, 50Hz / 0.045 A/permanent voltage
UP SU 120ws	43721	Flush-type electronic chime • small bell • up to 80 dB(A) • incl. mounting plate & frame • 8-12V~/ 0.210 A/ permanet voltage • 50 x 50 x 48mm • Colour: white
UP SU 230ws	43726	Flush-type electronic chime • as 43721, but: 230V~, 50Hz / 0.036 A/permanent voltage

Electromechanical Chimes

With its sound plates of real bell steel, the classical Grothe two-tone gong reliably ensures a clear, rich tone during signalling. Conventional technology of the highest quality and longest durability. The 8 - 12V gongs can be operated via a transformer, but now have an additional compartment for 1 x 9V or 4 x 1.5V (model specific) batteries as standard.

Chime

- Two tone
- Solid plates of real bell steel
- Operation with external transformer (Model specific)
- Max 83 dbA

Model	Order No	Description
CHIME 065 w/sim	44065	• With insertion slot for 1 x 9V battery* • 8V~ (4 VA) • 150(H) x 135(W) x 42(D)mm • Casing colour: White, Front: White/Silver
CHIME 165 w	44165	• With insertion slot for 1 x 9V battery* • 8V~ (4 VA) • 112(H) x 112(W) x 52(D)mm • Casing colour: White, Front: White
CHIME 169 w	44169	• With insertion slots for 4 x 1.5V batteries "C" size* • 8V~ (4 VA) • 170(H) x 105(W) x 50(D)mm • Casing colour: White, Front: White
CHIME 169 A TR w	44172	• Integrated transformer • Dual tone with repeat. (continuous tone) • Prim: 230V~ Sec: 8V~ (4 VA) • 170(H) x 105(W) x 50(D)mm • Casing colour: White, Front: White
CHIME 265 w	44265	• With insertion slot for 1 x 9V battery* • 8V~ (4 VA) • 118(H) x 118(W) x 38(D)mm • Casing colour: White, Front: White
CHIME 465A Bw/sw	44465	• With insertion slot for 1 x 9V battery* • 8 - 12V~ (4VA) • 118(H) x 118(W) x 47(D)mm • Casing colour: White, Front: Black
CHIME 465A Bw/w	44466	• With insertion slot for 1 x 9V battery* • 8 - 12V~ (4VA) • 118(H) x 118(W) x 47(D)mm • Casing colour: White, Front: White
CHIME 565 w/sim	44565	• With insertion slot for 1 x 9V battery* • 8V~ (4 VA) • 150(H) x 135(W) x 42(D)mm • Casing colour: Black, Front: White/Silver
CHIME 569 w	44569	• With insertion slots for 4 x 1.5V batteries "C" size * • 8V~ (4 VA) • 175(H) x 109(W) x 46(D)mm • Casing colour: White, Front: White
CHIME 569-230V	44179	• 230V~ (0,06A) • 170(H) x 105(W) x 50(D)mm • Casing colour: Black, Front: White
CHIME 665 w/bl	44665	• With insertion slot for 1 x 9V battery* • 8V~ (4 VA) • 150(H) x 135(W) x 45(D)mm • Casing colour: Black, Front: White/Blue

* Batteries not included

CHIME 065 w/sim



CHIME 165 w



CHIME 169 w



CHIME 169 A TR w



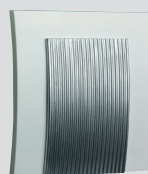
CHIME 265 w



CHIME 465A



CHIME 565 w/sim



CHIME 569 w



CHIME 569-230V



CHIME 665 w/bl



Bells and Buzzers





Bells and Buzzers

The mechanical bells by Grothe are characterised by their excellent sound quality. The advantage in residential applications, when compared to the classical two-tone gong, is that the sound generation continues all the while the bell button is pressed.

Underdome bell 1210

Product Features

- Metal bell, black
- Elegant white tone shell

Technical Data

- Transformer operated 8V~

Model	Order No	Description
1210	00.640.86	Underdome bell • 8V



1210

Bell kit 1217

Product Features

- Metal bell, black
- Elegant tone shell

Technical Data

- Battery operated (2x "D" size, batteries not included)

Model	Order No	Description
1217	00.640.88	Circular bell • Battery operated (2x "D" size)



1217

Trump buzzer SU 1170A / Trump bell LTW 1171A

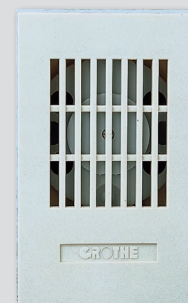
Product Features

- White
- Flush-mounted installation

Technical Data

- Max. 85 dB(A)
- Short-term load max. 10s (KB 10s)

Model	Order No	Description	Dimensions
SU 1170A 8-12V	24052	Buzzer • Reed-type buzzer with adjustable volume • 8-12V~ / 0.37 A	• 99 x 62 x 28mm
LTW 1171A 8V AC	24081	Bell • 8V~ / 0.83 A	• 99 x 62 x 28mm
LTW 1171A 12V AC	24082	Bell • 12V~ / 0.38 A	• 99 x 62 x 28mm
LTW 1171A 24V AC	24083	Bell • 24V~ / 0.17 A	• 99 x 62 x 28mm



SU 1170A 8-12V

Circular bell LTW 101A

Product Features

- White plastic base
- Elegant tone shell

Technical Data

- 85 dB(A)
- Short-term load 10s (KB 10s)

Model	Order No	Description	Dimensions
LTW 101A 8V AC	24071	Circular bell • 8V~(0.86 A)	• 80 x 75 x 30mm • Shell diameter 70 mm



LTW 101A 8V AC

Colonia bell LTW 4471A

Product Features

- White plastic housing

Technical Data

- 84 dB(A)
- Short-term load 10s (KB 10s)

Model	Order No	Description	Dimensions
LTW 1101A 8V AC	24075	Small bell • 8V~(0.86 A)	• 114 x 70 x 30mm • Shell diameter 70 mm



LTW 1101A 8V AC

Dome bell LTW 3371A

Product Features

- White plastic housing
- Cover with screw fastening

Technical Data

- 85 dB(A)
- Continuous operation

Model	Order No	Description	Dimensions
LTW 3371A 230V AC	24091	Small bell • 230V~(6 mA)	• 150 x 70 x 35mm • Shell diameter 70 mm



LTW 3371A 230V AC



Horns



Horns are the ideal devices for danger signals in industrial applications, alarm systems or in fire protection technology due to their electromechanical sound production through a membrane. Using a funnel for optimal sound focussing, Grothe horns can achieve up to 105dB(A).

Horn 630/631

Compact horn with high volume for indoors and outdoors

Product Features

- Electromechanical sound generation with a steel diaphragm
- Bell mouth for optimum sound concentration
- Sturdy light-grey plastic housing (ABS, self-extinguishing)
- Wall mounting (with bell mouth facing down)

Technical Data

- Duty cycle 100%
- Protection rating IP 43, protection class II
- -30°C to +50°C
- 92dB (except 31052 and 31053 96dB)

Model	Order No	Description	Dimensions
HORN 630 12V AC	31041	• 8V~ (0.7A), 92dB(A)	• 168 x 79 x 74mm
HORN 630 48V AC	31043	• 24V~ (0.13A), 92dB(A)	• 168 x 79 x 74mm
HORN 630 110V AC	31045	• 110V~ (0.05A), 92dB(A)	• 168 x 79 x 74mm
HORN 630 230V AC	31047	• 240V~ (0.03A), 92dB(A)	• 168 x 79 x 74mm
HORN 631 12V DC	31052	• 12V= (0.05A), 96dB(A)	• 168 x 79 x 74mm
HORN 631 24V DC	31053	• 24V= (0.04A), 96dB(A)	• 168 x 79 x 74mm



HORN 630/631

Horn 640/651

Product Features

- White impact-resistant plastic housing, with bell mouth
- Watertight diaphragm-type grommet for cable insertion
- Continuous operation (except 32122 and 32123 intermittent operation 5/5min)

Technical Data

- 105 dB(A)
- Protection rating IP 54 (outdoor use)
- -10°C to + 50°C

Model	Order No	Description	Dimensions
HORN 640 12V AC	32012	• 12V~ (1.2A)	• 345 x 150 x 165mm
HORN 640 24V AC	32013	• 24V~ (0.6A)	• 345 x 150 x 165mm
HORN 640 110V AC	32014	• 110V~ (0.5A)	• 345 x 150 x 165mm
HORN 640 230V AC	32017	• 230V~ (0.05A) (50Hz)	• 345 x 150 x 165mm
HORN 651 12V DC	32122	• 12V~ (1.0A)	• 345 x 150 x 165mm
HORN 651 24V DC	32123	• 24V~ (0.9A)	• 345 x 150 x 165mm



HORN 640/651

Horn 680

Product Features

- Light-metal housing with grey hammer finish
- Suppressed
- Bell mouth
- Watertight diaphragm-type grommet for cable insertion

Technical Data

- 50 Hz (60 Hz on request)
- 105 dB(A)
- Continuous operation
- Protection rating IP 54 (outdoor use)
- -10°C to + 50°C

Model	Order No	Description	Dimensions
HORN 680 230V AC	33017	• 240V~ (0.05A)	• 440 x 140 x 160mm



HORN 680

Storey Bell Press



Storey Bell Press

Introducing the Storey bell press buttons range, with its noble metal switching contacts and time saving wiring technology. The Storey bell press buttons are characterised by their optimal switching performance, and their multitude of design possibilities. Choosing the Storey bell press buttons in either stainless steel, brass, aluminium or bronze, Storey bell press buttons offers elegance to your entrance area.

Storey Prestige, round

Features

- Prestigious stainless steel housing in solid design
- Bell contact with a noble look; stainless steel; extremely resistant to vandalism due to the smooth contours and precise button guidance

Technical data

- Max. 12V (1,5A), min. 5V (1mA)
- IP 40
- Surface mounting with pre-mounting panel

Model	Order No	Description	Dimensions
ETA S 100	55540	Storey Prestige , 1 button bell press • PROTACT 150VA	• Ø 80 x 16mm
ETA S 100 LEDws	55542	Storey Prestige , 1 button bell press • Illuminated PROTACT 210 LED, white	• Ø 80 x 16mm
ETA S 100 LEDbl	55543	Storey Prestige , 1 button bell press • Illuminated PROTACT 220 LED, blue	• Ø 80 x 16mm



Storey Prestige, square

Features

- Prestigious stainless steel housing in solid design
- Bell contact with a noble look; stainless steel; extremely resistant to vandalism due to the smooth contours and precise button guidance

Technical data

- Max. 12V (1,5A), min. 5V (1mA)
- IP 40
- Surface mounting with pre-mounting panel

Model	Order No	Description	Dimensions
ETA S 200	55541	Storey Prestige , 1 button bell press • PROTACT 150VA	• 82 x 82 x 16mm
ETA S 200 LEDws	55544	Storey Prestige , 1 button bell press • Illuminated PROTACT 210 LED, white	• 82 x 82 x 16mm
ETA S 200 LEDbl	55545	Storey Prestige , 1 button bell press • Illuminated PROTACT 220 LED, blue	• 82 x 82 x 16mm



TORK

Features

- Surface-mounted installation
- PROTACT 340 GO
- Brushed brass surface
- Cable insertion at side or rear
- For cable gland M16

Technical data

- Temperature range: -20 to +50°C
- IP 44 (for use outdoors)
- Max. 12V (1,5A), min. 5V (1mA)

Model	Order No	Description	Dimensions
TORK 2060	64151	TORK , button bell press	Ø 68 x 30mm



Storey Bell Press



Storey Designer, stainless steel



Features

- Bell plates with a noble look
- Modern and prestigious design in shape, colour and material
- Stainless steel and stainless steel-acrylic options
- Incl. neoprene sealing on rear for both sealing and compensating unevenness

Technical data

- Max. 12V (1,5A), vmin. 5V (1mA)
- IP 44
- PROTACT 150 VA

Model	Order No	Description	Dimensions
ETA S 102	55912	Storey Designer , 1 button bell press • Material: stainless steel (V2A)	• Ø 90mm, 4(D)mm • Shape: round
ETA S 202	55922	Storey Designer , 1 button bell press • Material: stainless steel (V2A)	• 75 x 75mm, 4(D)mm • Shape: square
ETA S 302	55932	Storey Designer , 1 button bell press • Material: stainless steel (V2A)	• 150 x 60mm, 4(D)mm • Shape: oval
ETA S 402	55942	Storey Designer , 1 button bell press • Material: stainless steel (V2A)	• 95 x 65mm, 4(D)mm • Shape: rectangular

Storey Deco



Features

- Sturdy metal shell
- Flush-mounted installation

Technical data

- Large selection of surfaces
- Colour-coordinated countersunk wood screws included
- Max. 12V (1,5A), min. 5V (1mA)

Model	Order No	Description	Dimensions
KS 2070 MS-GEB	64131	Storey Deco , 1 button bell press • Brushed brass	• Ø 70 x 28mm
KS 2071 MS-BRÜN	64132	Storey Deco , 1 button bell press • Burnished brass	• Ø 70 x 28mm
KS 2074 WS	64141	Storey Deco , 1 button bell press • White-painted brass	• Ø 70 x 28mm
KS 2075	64143	Storey Deco , 1 button bell press • Matt chrome-plated brass	• Ø 70 x 28mm
KS 2076	64144	Storey Deco , 1 button bell press • Shiny chrome-plated brass	• Ø 70 x 28mm

Storey Classic, brass



Features

- Surface-mounted installation

Technical data

- Temperature range: -20 to +50°C
- Colour-coordinated countersunk screws included
- Max. 12V (1,5A), min. 5V (1mA)

Model	Order No	Description	Dimensions
ETA 2310	55595	Storey Classic , 1 button bell press • Brushed brass	• 65 x 35 x 10mm
ETA 2312	55597	Storey Classic , 1 button bell press • Textured and burnished brass	• 65 x 35 x 10mm

Storey Classic, bronze



Model	Order No	Description	Dimensions
ETA 501 G	55511	Storey Classic • Cast bronze 1 button bell press • Surface-mounted installation • Recessed and burnished small brass frame with name plate window	• 38 x 98 x 15mm
ETA 502 G	55512	Storey Classic (functions as above) • Cast bronze 2 button bell press	• 62 x 98 x 15mm

Storey Classic, aluminium



Model	Order No	Description	Dimensions
ETA 501 GA	55531	Storey Classic • Aluminium/silver anod. EV1 • 1 button bell press • Surface-mounted installation • Recessed small aluminium frame with name frame window	• 38 x 98 x 15mm
ETA 502 GA	55532	Storey Classic (functions as above) • 2 button bell press	• 62 x 98 x 15mm
ETA 503 GA	55533	Storey Classic (functions as above) • 3 button bell press	• 86 x 98 x 15mm

Bell Press



Montilux

Features

- Surface-mounted installation
- Screwless arrangement in rows optional (connector clips included in scope of delivery)
- Modern design
- White
- Illuminated (bulb included)
- Name plate window

- Easy mounting with terminal clamp (max. 0.8 mm)
- Durable special contacts with metal coating

Technical Data

- Temperature range: -20 to +50°C
- Max. 12V~/= (5mA–1.5A)



MONTILUX

Model	Order No	Description	Dimensions
MONTILUX	51011	Montilux , 1 button bell press • Illuminated lamp included	• 32 x 90 x 18mm
Lux bulb	98191	Replacement lamp 17V	

Combifix

Features

- Surface-mounted installation
- Arrangement in rows optional (connector clips included)
- White
- Name plate window

Technical Data

- Temperature range: -20 to +50°C
- Max. 24V~ (5mA–1.5A/24VA)
- Max. 24V= (5mA–1.0A/12W)



ETA 2121

Model	Order No	Description	Dimensions
ETA 2121	51013	Combifix , 1 button bell press	• 65 x 25 x 20mm

Combifix II

Features

- Surface-mounted installation
- Arrangement in rows optional (connector clips included)
- White
- Name plate window

Technical Data

- Temperature range: -20 to +50°C
- Max. 12V~/= (5mA–1.5A)



ETA 2122

Model	Order No	Description	Dimensions
ETA 2122	51014	Combifix II , 1 button bell press	• 32 x 90 x 18mm

Combilux

Features

- Surface-mounted installation
- LED Illuminated
- Arrangement in rows optional (connector clips included)
- White
- Name plate window

Technical Data

- Temperature range: -20 to +50°C
- Max. 12V~/= (5mA–1.5A)
- LED Illuminated



ETA 2132

Model	Order No	Description	Dimensions
ETA 2132	51015	Combilux , 1 button bell press • Illuminated • LED	• 32 x 90 x 18mm

Golf

Features

- Surface-mounted installation
- Modern, attractive design
- Durable special contacts with metal coating

Technical Data

- Temperature range: -20 to +50°C
- Max. 24V~ (5mA–1.5A/24VA)
- Max. 24V= (5mA–1.0A/12W)



KKO 2001
WS/WS

Model	Order No	Description	Dimensions
KKO 2001 WS/WS	64032	Golf , 1 button bell press • White	• 65 x 25 x 20mm



Fashion



KKO 2005

KKO 2005W

Features

- Surface-mounted installation
- Modern, attractive design
- Durable special contacts with metal coating

Technical Data

- Temperature range: -20 to +50°C
- 8-24V~ (1.5A/24VA)

Model	Order No	Description	Dimensions
KKO 2005	64035	Fashion , 1 button bell press • Black	• 55 x 25 x 20mm
KKO 2005W	64036	Fashion , 1 button bell press • White	• 55 x 25 x 20mm

Fashion, illuminated



KKO L 2001
WS/T

Features

- Surface-mounted installation
- LED illumination (wear-free), LED lamp non-replaceable
- Modern, attractive design
- Durable special contacts with metal coating
- White

Technical Data

- Temperature range: -20 to +50°C
- 8-24V~ (1.5A/24VA)
- LED approx. (20 mA)

Note: Not suitable for bell systems with electronic chimes, as the contact and LED are connected in parallel!

Model	Order No	Description	Dimensions
KKO L 2001 WS/T	64070	Fashion , 1 button bell press • Illuminated • LED included	• 65 x 25 x 20mm

Domolux



DOMOLUX
WS/SW

Features

- Surface-mounted installation
- Modern, attractive design
- Illuminated (lamp included)
- Easy mounting with terminal clamp (max. 0.8 mm)
- Durable special contacts with precious metal coating
- Name plate window

Technical Data

- Temperature range: -20 to +50°C
- Max. 12V~/= (AC/DC) 5mA-1.5A

Model	Order No	Description	Dimensions
DOMOLUX WS/SW	51103	Domolux , 1 button bell press • White/black	• 90 x 90 x 18.5mm
DOMOLUX SIM/SW	51113	Domolux , 1 button bell press • Matt silver/black • Precious metal coating	• 90 x 90 x 18.5mm
Lux bulb	98191	Replacement lamp 17V	

Domolux Duo



DOMOLUX
DUO WS/SW



DOMOLUX
DUO SIM/SW

Features

- Surface-mounted installation
- Modern, attractive design
- Illuminated (lamp included)
- Easy mounting with terminal clamp (max. 0.8 mm)
- Durable special contacts with metal coating
- Name plate window

Technical Data

- Temperature range: -20 to +50°C
- Max. 12V~/= (AC/DC) 5mA-1.5A

Model	Order No	Description	Dimensions
DOMOLUX DUO WS/SW	51203	Domolux , 2 button bell press • White/black	• 90 x 90 x 18.5mm
DOMOLUX DUO SIM/SW	51213	Domolux , 2 button bell press • Matt silver/black • Metal coating	• 90 x 90 x 18.5mm
Lux bulb	98191	Replacement lamp 17V	

Bell Transformers



For optimum performance and all conventional voltages! In all matters pertaining to environmental compatibility and safety, GROTHE transformers are trend-setting. The transformers protected by patent law are not only the core of a reliable bell system, but also, because of the high standards involved, they represent an ideal solution for the industrial sector.

Standard Bell Transformers

Model	Order No	Description
GT 3148	14201	Bell transformer • Primary: 230-240V~ (50 Hz) • 8V~ (1,0A) • 90 x 36 x 55mm (corresponds to 2 installation modules)
GT 3139	14039	Bell transformer function as above but 8/12V~ (1,5/1,0A)
GT 3158	14068	Bell transformer function as above but 12V~ (1,0A)
GT 3173	14073	Bell transformer function as above but 4/8/12V~ (2,0/2,0/1,5A)
GT 3182	14082	Bell transformer function as above but 8/12/24V~ (2,0/1,3/0,6A)
GT 36 AP	14936	Surface-mount installation set



GT 3148



GT 36 AP

With power switch model

Model	Order No	Description
GT 3148 S	14211	Bell transformer • Primary: 230-240V~ (50 Hz) • 8V~ (1,0A) • 90 x 36 x 55mm (corresponds to 2 installation modules)
GT 3139 S	14049	Bell transformer function as above but 8/12V~ (1,5/1,0A)
GT 3173 S	14083	Bell transformer function as above but 4/8/12V~ (2,0/2,0/1,5A)



GT 3148 S



Byron



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