

COMMAND AND CONTROL

CONTROL DEVICES - TX TRANSMITTERS

PUSH-BUTTON PANELS FOR RADIOFREQUENCY CONTROLS

SURFACE-MOUNTING INSTALLATION - COMPLETE WITH TOP SYSTEM PLATE



GW20993

Code	No. channels	N. control push-buttons	RF capacity in free field	Colour Plate	Colour push-buttons	Dimensions LxHxD (mm)	Pack Carton
GW 20 991	1	1	100 m	Cloud white	White	116x80x20	1
GW 21 991	1	1	100 m	Metallic titanium	Black	116x80x20	1
GW 20 992	2	2	100 m	Cloud white	White	116x80x20	1
GW 21 992	2	2	100 m	Metallic titanium	Black	116x80x20	1
GW 20 993	3	3	100 m	Cloud white	White	116x80x20	1
GW 21 993	3	3	100 m	Metallic titanium	Black	116x80x20	1
GW 20 994	4	4	100 m	Cloud white	White	140x80x20	1
GW 21 994	4	4	100 m	Metallic titanium	Black	140x80x20	1

CHARACTERISTICS: It's possible to replace the plate with one of TOP SYSTEM range plate.

Powered by 2 1.5 V type AAA alkaline batteries, not included (minimum battery life 2 years).

Two distinct control positions correspond to each button. Fixed to the wall using anchor plugs, not included.

RADIOFREQUENCY IR MOVEMENT DETECTOR WITH PHOTOELECTRIC CELL - 1 CHANNEL

SURFACE-MOUNTING INSTALLATION - COMPLETE WITH TOP SYSTEM PLATE



GW20990

Code	Range of action	Photocell threshold adjust.	IP protection class	RF capacity in free field	Led of indicator	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 990	8 m	5 - 1000 lux	IP20	100 m	Green	White	116x80x20	1
GW 21 990	8 m	5 - 1000 lux	IP20	100 m	Green	Black	116x80x20	1

CHARACTERISTICS: It's possible to replace the plate with one of TOP SYSTEM range plate.

Powered by 3 1.5 V type AAA alkaline batteries, not included (minimum battery life 3 years).

To be combined with the actuators GW20980 - GW21980 - GW20981 - GW21981. Fixed to the wall using anchor plugs, not included.

ACCESSORIES SUPPLIED: 3 dip-switches for selecting 3 different operation modes (IR, photoelectric cell and IR+photoelectric cell).

PUSH-BUTTON PANELS FOR RADIOFREQUENCY CONTROLS

SURFACE-MOUNTING INSTALLATION - COMPLETE WITH VIRNA PLATE



GW20893

Code	No. channels	N. control push-buttons	RF capacity in free field	Colour Plate	Colour push-buttons	Dimensions LxHxD (mm)	Pack Carton
GW 20 891	1	1	100 m	Cloud white	White	116x80x20	1
GW 21 891	1	1	100 m	Metallic titanium	Black	116x80x20	1
GW 20 892	2	2	100 m	Cloud white	White	116x80x20	1
GW 21 892	2	2	100 m	Metallic titanium	Black	116x80x20	1
GW 20 893	3	3	100 m	Cloud white	White	116x80x20	1
GW 21 893	3	3	100 m	Metallic titanium	Black	116x80x20	1
GW 20 894	4	4	100 m	Cloud white	White	140x80x20	1
GW 21 894	4	4	100 m	Metallic titanium	Black	140x80x20	1

CHARACTERISTICS: It's possible to replace the plate with one of VIRNA range plate.

Powered by 2 1.5 V type AAA alkaline batteries, not included (minimum battery life 2 years).

Two distinct control positions correspond to each button. Fixed to the wall using anchor plugs, not included.

RADIOFREQUENCY IR MOVEMENT DETECTOR (WITH PHOTOELECTRIC CELL) - 1 CHANNEL

SURFACE-MOUNTING INSTALLATION - COMPLETE WITH VIRNA PLATE



GW20890

Code	Range of action	Photocell threshold adjust.	IP protection class	RF capacity in free field	Led of indicator	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 890	8 m	5 - 1000 lux	IP20	100 m	Green	White	116x80x20	1
GW 21 890	8 m	5 - 1000 lux	IP20	100 m	Green	Black	116x80x20	1

CHARACTERISTICS: It's possible to replace the plate with one of VIRNA range plate.

Powered by 3 1.5 V type AAA alkaline batteries, not included (minimum battery life 3 years).

To be combined with the actuators GW20980 - GW21980 - GW20981 - GW21981. Fixed to the wall using anchor plugs, not included.

ACCESSORIES SUPPLIED: 3 dip-switches for selecting 3 different operation modes (IR, photoelectric cell and IR+photoelectric cell).

ELECTRONIC RADIOFREQUENCY SUMMER/WINTER TIMED THERMOSTAT -

WITH ONE CHANNEL - SURFACE-MOUNTING INSTALLATION



GW20970

Code	Levels of adjustable temp.	Temperature adjustment	RF capacity in free field	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 970	3	From +5°C to +40°C	100 m	White	130x92x23	1
GW 20 971	3	From +5°C to +40°C	100 m	Titanium	130x92x23	1
GW 20 972	3	From +5°C to +40°C	100 m	Slate	130x92x23	1

CHARACTERISTICS: powered by 3 1.5 V type AAA alkaline batteries, not included (minimum battery life 1 year).

To be combined with the actuators GW20980 - GW21980 - GW20981 - GW21981. Fixed to the wall using anchor plugs, not included.

ACCESSORIES SUPPLIED: line entry for connection of a telephone dialler (potential-free contact).

GW20966



RADIOFREQUENCY MODULE FOR CONVENTIONAL INPUTS

Code	N. input channels	Power supply	RF capacity in free field	Colour	No. System modules	Pack Carton
GW 20 966	2	230 V	100 m	White	1	1
GW 21 966	2	230 V	100 m	Black	1	1

CHARACTERISTICS: input channels for potential-free contacts.

Component to be inserted into System range supports.

ACCESSORIES SUPPLIED: input with leads 200 mm 0.75 mm² for connecting conventional control devices.

GW20963



RADIOFREQUENCY REMOTE CONTROL

Code	No. channels	N. control push-buttons	RF capacity in free field	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 963	3	6	100 m	Black	120x45x20	1

CHARACTERISTICS: powered by 2 1.5 V type AAA alkaline batteries, not included. Minimum battery life 3 years.

Two distinct control positions correspond to each button.

ACCESSORIES SUPPLIED: support for fixing to the wall.

ACTUATORS - RX RECEIVERS

GW20980



OUTPUT RADIOFREQUENCY MODULES - POWER SUPPLY 230V~

Code	N. output channels	Output contacts	Contact type	RF capacity in free field	Colour	No. System modules	Pack Carton
APPLICATION: GENERAL COMMANDS							
GW 20 980	1	3A(AC1)/2A(AC15)-250V	With 230 V potential	100 m	White	1	1
GW 21 980	1	3A(AC1)/2A(AC15)-250V	With 230 V potential	100 m	Black	1	1
GW 20 981	1	16A(AC1)/4A(AC15)-250V	Potential-free	100 m	White	2	1
GW 21 981	1	16A(AC1)/4A(AC15)-250V	Potential-free	100 m	Black	2	1

APPLICATION: MOTOR CONTROL

GW 20 982	1	8A(AC1)/2A(AC15)-250V	With 230 V potential	100 m	White	2	1
GW 21 982	1	8A(AC1)/2A(AC15)-250V	With 230 V potential	100 m	Black	2	1

CHARACTERISTICS: component to be inserted into the System range supports to be combined with the RF control devices of the range. Integrated control button.

ACCESSORIES SUPPLIED: Entry complete with cable L=200 mm x 0.75 mm² (only for GW20980/GW20981 and GW21980/GW21981) to connect traditional device contacts so as to have a local output control.

ACCESSORIES

GW20985



RADIOFREQUENCY SIGNAL REPEATER

Code	N. retransmission channels	Power supply	Rx capacity in free field	Tx capacity in free field	Colour	No. System modules	Pack Carton
GW 20 985	8	230 V	50 m	100 m	White	2	1
GW 21 985	8	230 V	50 m	100 m	Black	2	1

CHARACTERISTICS: component to be inserted into the System range supports. Can be used with all devices in the range.

GW20988



SURFACE MOUNTING TELEPHONE ACTUATOR WITH VOICE SYNTHESIS - 230 V- 50 HZ

Code	No. channels	Output contacts	External Dim. LxHxD (mm)	Colour	Pack Carton
GW 20 988	2	NO 2A(AC1)/1A(AC15)250V	85x128x41	White	1

APPLICATIONS: can be installed in all rooms where there is a fixed telephone line.

Chance to remote control two different general services (e.g. electronic timed thermostat and light control)

When combined with electronic timed thermostats GW20822, GW20823, GW20824 and GW20970, GW20971, GW20972, it lets you start/stop the heating/air conditioning system.

CHARACTERISTICS: access to controls protected by secret code, relay outputs with potential-free N/O single-pole contact.

Code presence and output status display LED, possibility to control the room using the push-buttons located on the front panel.

BURGLAR ALARM KIT

BASIC KIT



STANDARD RF BURGLAR ALARM KIT

Code	Description	Pack Carton
GW 20 497	Burglar alarm RF standard kit	1

KIT COMPOSITION: 1 control unit GW20470; 1 remote control GW20472; 2 movement detectors GW20477

ACCESSORIES SUPPLIED: all devices in the kit are supplied with batteries.

CHARACTERISTICS: the kit allows a basic type of radio burglar alarm system to be made, which can be expanded and integrated using Burglar Alarm range devices.

CONTROL UNITS



RF CONTROL UNITS

Code	Power supply	RF capacity in free field	No. max. connec. devices	No. max. sensor	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 470	230 V 50 Hz	100 m	8	16	White	245x205x57	1

ACCESSORIES SUPPLIED: n. 1 lead battery - 6 V - 1,2 Ah.

CHARACTERISTICS: 3 push-buttons for programming and control, control LED, mechanical emergency key and siren from inside.

Max. number of 8 devices between remote controls, keyboards and proximity key.



CONTROL UNIT WITH INTEGRATED PHONE DIALLER

Code	Power supply	RF capacity in free field	No. max. connec. devices	No. max. sensor	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 471	230 V 50 Hz	100 m	16	32	White	245x205x57	1

ACCESSORIES SUPPLIED: n. 1 lead battery - 6 V - 1,2 Ah.

CHARACTERISTICS: with programming and control keyboard, LCD display and integrated siren.

Integrated phone dialler allowing 8 phone numbers to be stored. Max. number of 16 devices between remote controls, keyboards and proximity key.

ACTIVATION DEVICES



REMOTE CONTROL

Code	RF capacity in free field	No. keys	Functions	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 472	100 m	4	Activation Deactivation Slicing Anti-panic	Black	35x68x15	1/2

ACCESSORIES SUPPLIED: n. 1 alkaline battery - 12 V type MN21.



KEYBOARD

Code	RF capacity in free field	Functions	Permanent use temperature	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 473	100 m	Activation Slicing	From +5°C to +40°C	White	166x136x33	1

ACCESSORIES SUPPLIED: n. 1 alkaline battery - 9 V type 6LR61.

CHARACTERISTICS: incorporated transponder for activation with electronic proximity key GW20474.



ELECTRONIC PROXIMITY KEY

Code	Description	Pack Carton
GW 20 474	Proximity key	1/10

CHARACTERISTICS: to be used in combination with the coded keyboard GW20473, prevents having to enter the access code.

SYSTEM DEVICES



DISPLAY MODULE

Code	Power supply	RF capacity in free field	Power draw	Led of indicator	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 475	12 or 24 V AC or DC	100 m	12 - 47 mA	on/off Red LED	White	47x100x30	1

GW20480



SIGNAL REPEATER

Code	RF capacity in free field	Cable conn. to control unit	Max dist. from control unit	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 480	100 m	2x0,75 + 4x0,22 mm ²	100 m	White	47x270x30	1

To be used in combination with control unit GW20470 and GW20471 (from which it draws its operating power supply) to strengthen the system's coverage.

GW20490



SIREN FOR EXTERIORS

Code	RF capacity in free field	Loudness	Permanent use temperature	IP protection class	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 490	100 m	94 dB (at 3 m)	From -25°C to +55°C	IP34	White	253x290x85	1

ACCESSORIES SUPPLIED: n. 1 lithium battery - 7,2 V - 13 Ah tipo LSH20.

DETECTORS

GW20477



INFRARED MOVEMENT DETECTOR

Code	RF capacity in free field	Range of action	Permanent use temperature	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 477	100 m	15 m	From -10°C to +45°C	White	64x110x48	1

ACCESSORIES SUPPLIED: n. 1 alkaline battery - 9 V type 6LR61. Directional mounting bracket.

GW20478



EXTERNAL DETECTOR WITH MAGNETIC CONTACT FOR DOORS AND WINDOWS

Code	RF capacity in free field	No. output	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 478	100 m	1	White	40x77x26	1

ACCESSORIES SUPPLIED: n. 3 lithium batteries - 3 V - Type DL2430.

GW20479



CONVENTIONAL ROW CONTACT DETECTOR

Code	RF capacity in free field	No. output	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 479	100 m	2	White	47x100x30	1

ACCESSORIES SUPPLIED: n. 1 alkaline battery - 9 V type 6LR61. Conventional connectable contacts GW20493, GW20494, GW20495.

GW20483



SMOKE DETECTOR

Code	RF capacity in free field	Installation	Colour	Dimension BxH (mm)	Pack Carton
GW 20 483	100 m	For ceiling	White	50x104	1

ACCESSORIES SUPPLIED: n. 3 alkaline battery - 9 V type 6LR61.

ACCESSORIES

GW20493



CABLE CONTACT FOR ROLLER-SHUTTER

Code	Description	Colour	Pack Carton
GW 20 493	Electromechanical contact windable	White	1/2

To be used in combination with the detector for conventional line contacts GW20479 or similar.

GW20494



SURFACE MAGNETIC CONTACT

Code	Description	Material	Installation	Colour	Pack Carton
GW 20 494	Magnetic contact	Plastic	Wall-mounting	White	1/10
GW 20 495	Magnetic contact	Metal	Wall-mounting	Aluminium	1/5

ACCESSORIES SUPPLIED: operation magnets with installation support to be used in combination with GW20479.

CONTROL UNIT - PC CONNECTION CABLE

Code	Length (m)	Connectors	Pack Carton
GW 20 499	2	MINI DIN 8 Pin RS 232 9 Pin	1

CHARACTERISTICS: cable for optional connection between the control unit GW20470 and GW20471 with the serial port of a PC, to store system diagram and functional parameter changes.

GW20499



SYSTEM RF RANGE