Chorus

Plates and modular devices

Innovative domestic range characterised by an extensive choice of materials, forms and finishes, to meet each and every requirement. Six different forms of plates (ONE, GEO, LUX, ART, ICE, ICE TOUCH) in different colours and materials, with modular devices in four colours (glossy white, glossy ivory, satin black, varnished titanium) and four different sizes (½, 1, 2, 3 modules). Available for flush-mounting and surface-mounting installations, the range can be integrated with the KNX home & building automation system.

Technical characteristics page 223
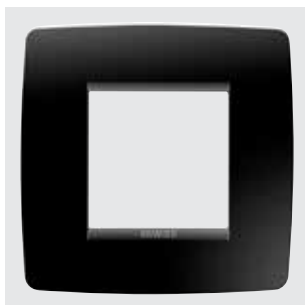
ONE INTERNATIONAL PLATES

TECHNOPOLYMER

GW 16 122 TB

ONE INTERNATIONAL - MILK WHITE

Code	Description	Type	Centre distance	Pack Carton
GW 16 122 TB	2 gang			12
GW 16 123 TB	2+2 gang	Horizontal	71 mm	12
GW 16 124 TB	2+2 gang	Vertical	71 mm	12
GW 16 125 TB	2+2 gang	Vertical	57 mm	12
GW 16 126 TB	2+2+2 gang	Horizontal	71 mm	6
GW 16 127 TB	2+2+2 gang	Vertical	71 mm	6
GW 16 128 TB	2+2+2+2 gang	Horizontal	71 mm	1
GW 16 129 TB	2+2+2+2 gang	Vertical	71 mm	1

CHARACTERISTICS: glossy finish. GW16125TB to be used with the GW24282PM box; for the installation use nr. 2 supports GW16822 vertically coupled by breaking the wings located on the contact side on both supports.

GW 16 122 TN

ONE INTERNATIONAL - TONER BLACK

Code	Description	Type	Centre distance	Pack Carton
GW 16 122 TN	2 gang			12
GW 16 123 TN	2+2 gang	Horizontal	71 mm	12
GW 16 124 TN	2+2 gang	Vertical	71 mm	12
GW 16 126 TN	2+2+2 gang	Horizontal	71 mm	6
GW 16 127 TN	2+2+2 gang	Vertical	71 mm	6
GW 16 128 TN	2+2+2+2 gang	Horizontal	71 mm	1
GW 16 129 TN	2+2+2+2 gang	Vertical	71 mm	1

CHARACTERISTICS: glossy finish.

GW 16 122 TI

ONE INTERNATIONAL - IVORY

Code	Description	Type	Centre distance	Pack Carton
GW 16 122 TI	2 gang			12
GW 16 123 TI	2+2 gang	Horizontal	71 mm	12
GW 16 124 TI	2+2 gang	Vertical	71 mm	12
GW 16 126 TI	2+2+2 gang	Horizontal	71 mm	6
GW 16 127 TI	2+2+2 gang	Vertical	71 mm	6
GW 16 128 TI	2+2+2+2 gang	Horizontal	71 mm	1
GW 16 129 TI	2+2+2+2 gang	Vertical	71 mm	1

CHARACTERISTICS: glossy finish.

Chorus

THE SHAPES OF BEAUTY

ONE, GEO, LUX, ART, ICE and ICE Touch are the plates for the Gewiss CHORUS innovative domestic range: six different forms reflecting the character, personality and style of those who live in the home. With full spontaneity of gestures and the simplicity of the commands.

ALL THE BENEFITS OF A SINGLE FRAME

One single support (rectangular and square) compatible with all the plates of the Chorus range, without any need for additional adapters. The front coupling on the devices means quick, easy assembly and release without needing to remove the frame.

ERGONOMICS AND DESIGN

The wide range of component customisation possibilities, in terms of colour and modularity, guarantees a wealth of design and ergonomic solutions for every context. Four different colours, three different finishes: glossy white and ivory, satin black and painted titanium guarantee the perfect combination of component and plate.
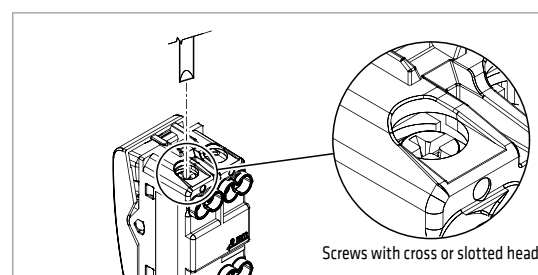
General characteristics

		TECHNICAL DATA AND REFERENCE STANDARDS					
Component	**Reference standards**	**Essential electrical data***			**Prolonged operation (no. of position changes)**	**Resistance to abnormal heat and fire**	
		Resistance at test voltage (V)	**Insulation resistance (MΩ)**	**Breaking capacity or category of use**		**Thermo-pressure with ball (°C)**	**Glow Wire Test (°C)**
Commands	EN 60669-1	2000 at 50 Hz for 1 minute	> 5	1.25 In (200 position changes)	40,000 at In 250V~ cosφ = 0.6	125	850
Italian Std. socket-outlets	IEC 60884-1			1.25 In (100 position changes)	10,000 at In 250V~ cosφ = 0.8		
International Std. socket-outlets	IEC 60884-1			1.25 In (100 position changes)	10,000 at In 250V~ cosφ = 0.8		
Latching relays	EN 60669-1 / EN 60669-2-2				40,000 at In 250V~ cosφ = 0.6		
Momentary relays	EN 60669-1 / EN 60669-2-2			1.25 In (200 position changes)			
Miniature circuit breakers	EN 60898-1		2** ÷ 5	3KA	8,000		
Residual current circuit breakers	EN 61009-1 / EN 61008-1			3KA	4,000		
Supports and plates	EN 60669-1	–	–	–	–	70	650

* For rated voltages and currents, see the specifications for the individual codes.   ** The value of 2 MΩ refers to a special condition established by the Standards given alongside.
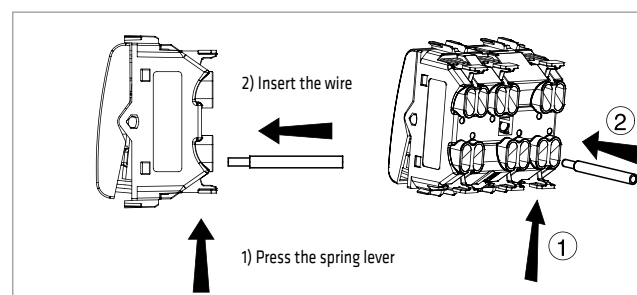
Characteristics of screw terminals

Screws with cross or slotted head

The terminals, located in the rear part of the devices, are manoeuvrable even after coupling the component to the support, and are suitable for both flexible and rigid cables. The components are supplied with the screws of the terminals open, to reduce wiring times.

TECHNICAL DATA	
Terminal grip on cable traction	**>50N**
TERMINAL TIGHTENING CAPACITY	
Stranded wires	**Solid wires**
Minimum 0.75 mm² — Maximum 2x4 mm²	Minimum 0.5 mm² — Maximum 2x2.5 mm²

Characteristics of spring terminals (quick wiring)

2) Insert the wire

1) Press the spring lever

The spring terminals allow you to carry out the wiring in a shorter time, and without using screwdrivers or other tools. To insert the cable, it is necessary to press the orange lever (opening of terminal). Releasing the lever, the terminal closes automatically, firmly blocking the cable.

TECHNICAL DATA	
Terminal grip on cable traction	**>50N**
TERMINAL TIGHTENING CAPACITY	
Stranded wires	**Solid wires**
Minimum 0.75 mm² — Maximum 2x4 mm²	Minimum 0.5 mm² — Maximum 2x2.5 mm²

Combination of modular devices and plates

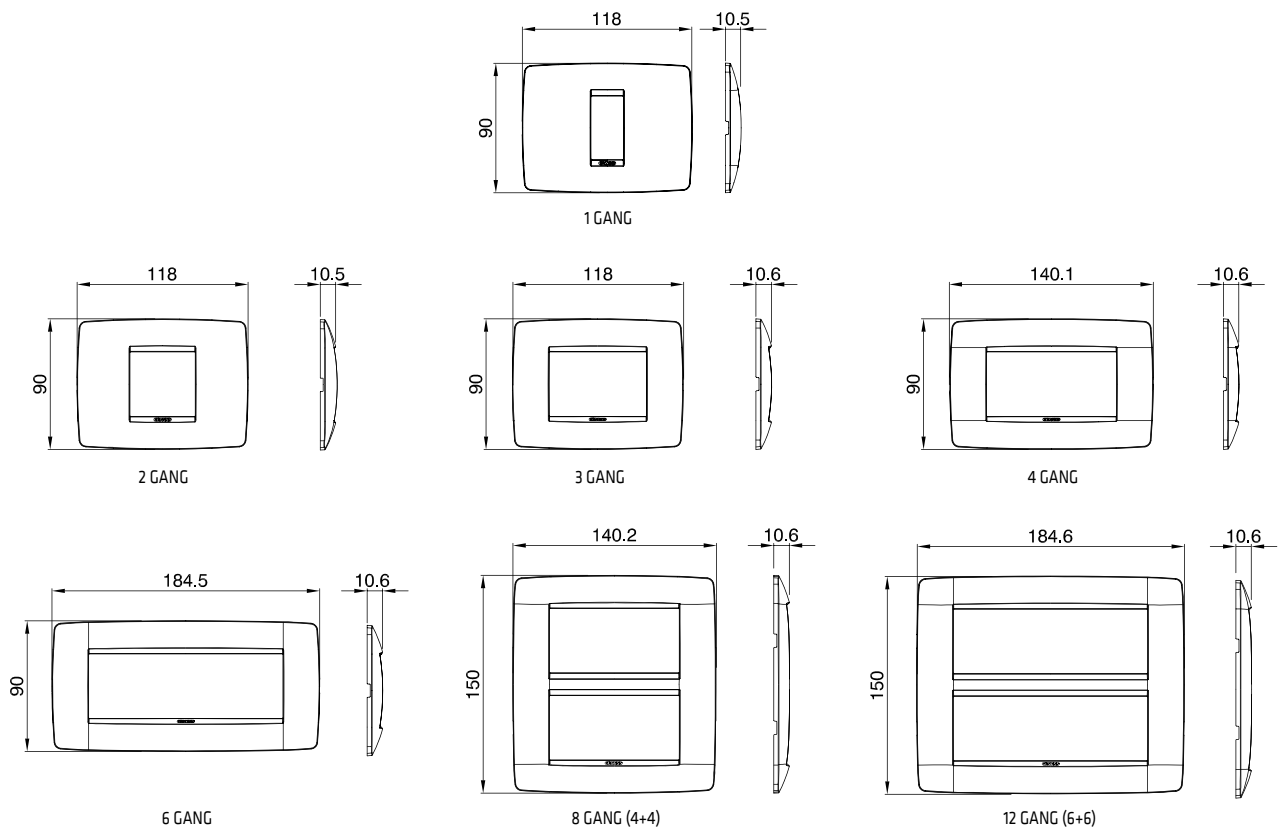| Plates		Modular devices				Touch command modules		
		Conventional commands	Electronic push-buttons	Touch commands	Socket-outlets / other devices	Conventional	KNX	KNX with interchangeable symbols
ONE		✓	✓	✓	✓	-	-	-
GEO		✓	✓	✓	✓	-	-	-
LUX		✓	✓	✓	✓	-	-	-
ART		✓	✓	✓	✓	-	-	-
ICE	ICE	✓	✓	✓	✓	-	-	-
	ICE Touch (1, 2 or 3 printed symbols)	-	-	-	-	✓	-	-
	ICE Touch KNX (2, 4 or 6 printed symbols)	-	-	-	-	-	✓	-
	ICE Touch KNX	-	-	-	-	-	-	✓

ONE PLATES

118 | 10.5
90
1 GANG

118 | 10.5
90
2 GANG

118 | 10.6
90
3 GANG

140.1 | 10.6
90
4 GANG

184.5 | 10.6
90
6 GANG

140.2 | 10.6
150
8 GANG (4+4)

184.6 | 10.6
150
12 GANG (6+6)

ONE INTERNATIONAL PLATES

89.9 | 10.7
89.9
2 GANG

160.9 | 11.8
89.9
2+2 GANG HORIZ.

232 | 11.8
89.9
2+2+2 GANG HORIZ.

303 | 11.8
90
2+2+2+2 GANG HORIZ.

90 | 10.6
146.9 | 57
2+2 GANG VERT.
CENTRE DISTANCE 57

90 | 10.6
160.8 | 71
2+2 GANG VERT.
CENTRE DISTANCE 71

90 | 10.6
231.9
2+2+2 GANG VERT.

90 | 11.8
302.8
2+2+2+2 GANG VERT.