

Tense
TOP DESIGN SWITCHES

philosophy

COMPANY

TENSE is a young Belgian designer & manufacturer of TOP DESIGN SWITCHES, OLED switches, motion detectors and socket frames for contemporary building projects. All employees have more than 10 years experience in related areas such as electronics manufacturing, home automation, design & lighting. As being an ISO 9001 certified company, TENSE always aims to be one step ahead of competition and to exceed its customers' expectations of top quality, innovative R&D, unbeatable service, in-time delivery and professional export handling.

PRODUCTS

Our high-quality TENSE touch products are stylish, easy to use, very reliable and designed with passion. Only the best technologies and premium raw materials are used to create our unique TENSE products, which are KNX compatible.





intensity alu-bronze

The contemporary white painted alu, bronze, black alu or alu front consists of 1, 2 or 4 touch zones with colour LED feedback.
Other materials available on request (gold, brushed gold, fer forgé, chrome,...).

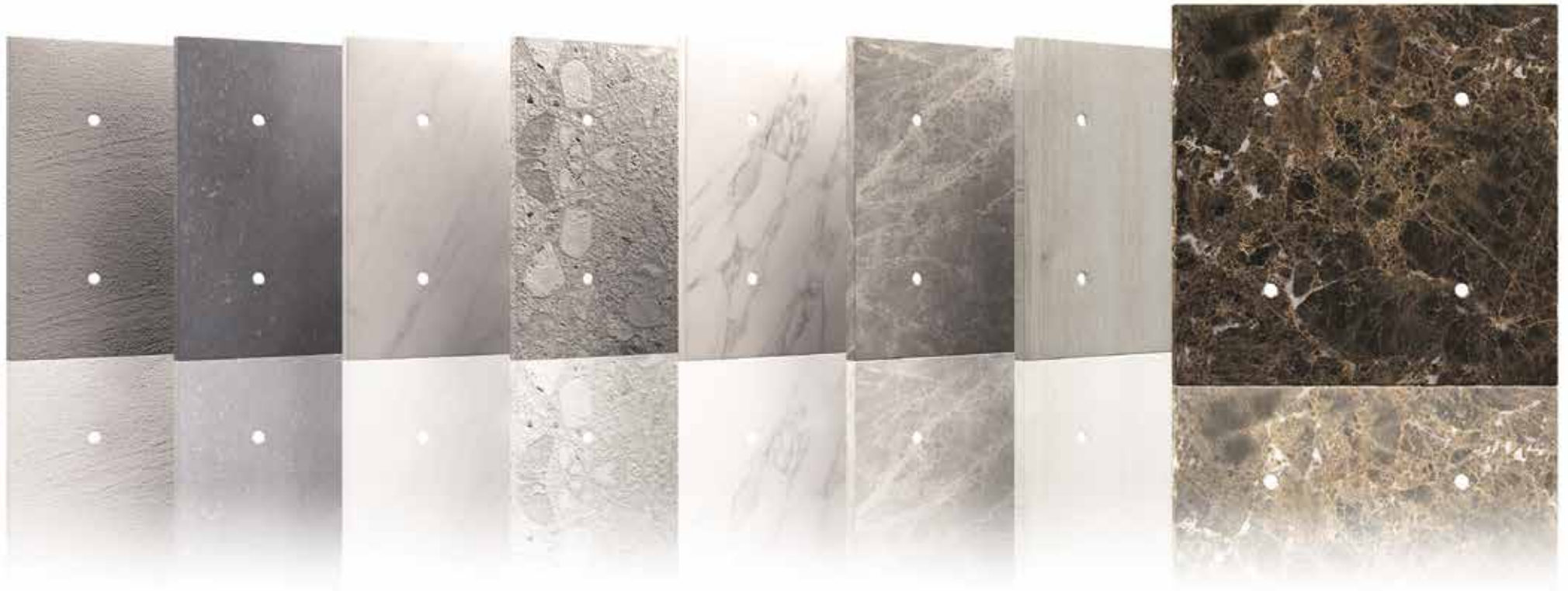




intensity glass

The design glass front in silver, gold, black or white colour consists of 1, 2, 4 or 8 touch zones with colour LED feedback.





SFW

SBB

SCBM

SCDGL

SCM

SEGM

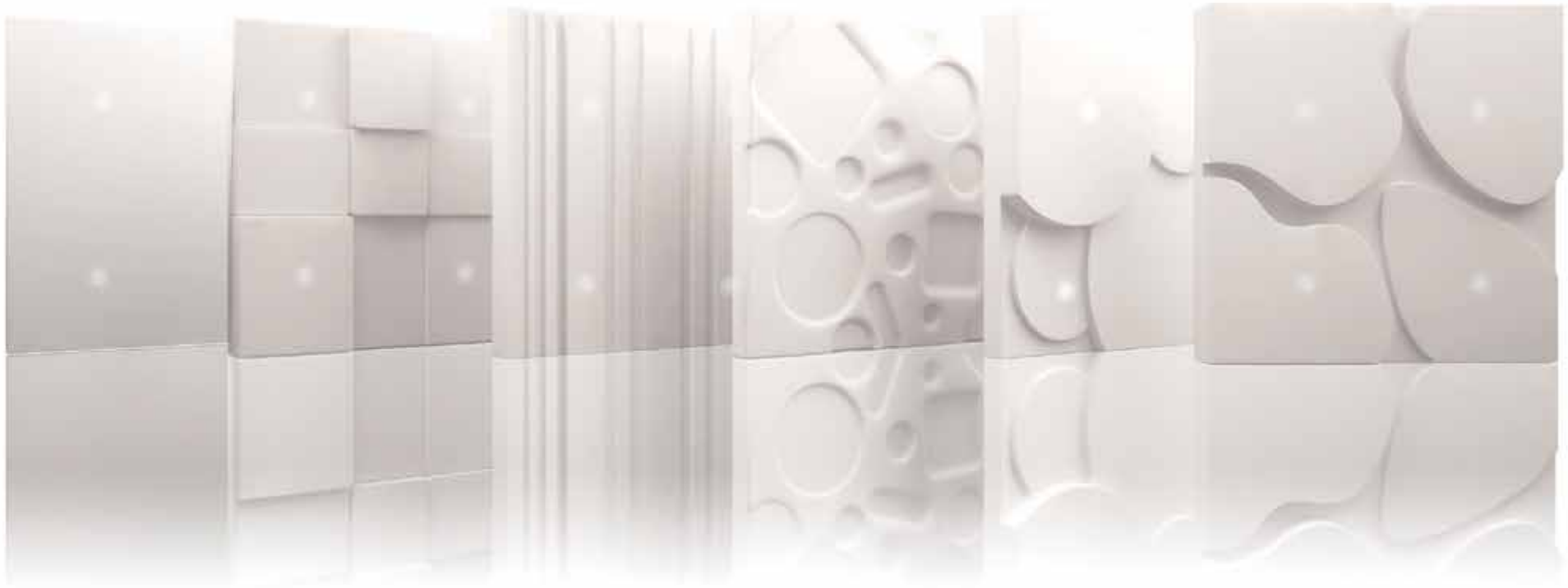
SOGM

SEMM

intensity stone

The natural stone front consists of 1, 2, 4 or 8 touch zones with colour LED feedback.





C

CCA

CLI

COR

CRO

CCL

intensity corian

The minimalistic white corian front consists of 1, 2, 4 or 8 touch zones with colour LED feedback.





infinity

Room controller in glass / alu-bronze / corian / stone with an oled display to visualize the different functions of your system
(light setting/blinds/shutters/audio/scenes/thermostat/info pages/room audio control/time switch/RGB controller/...) with colour LED feedback.



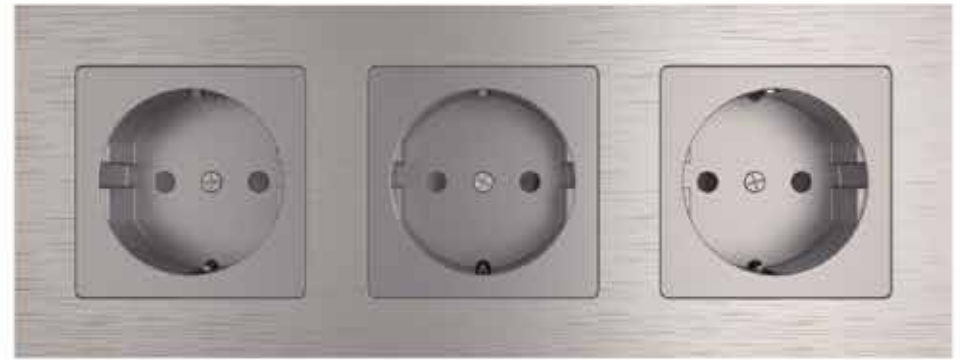




socket frames

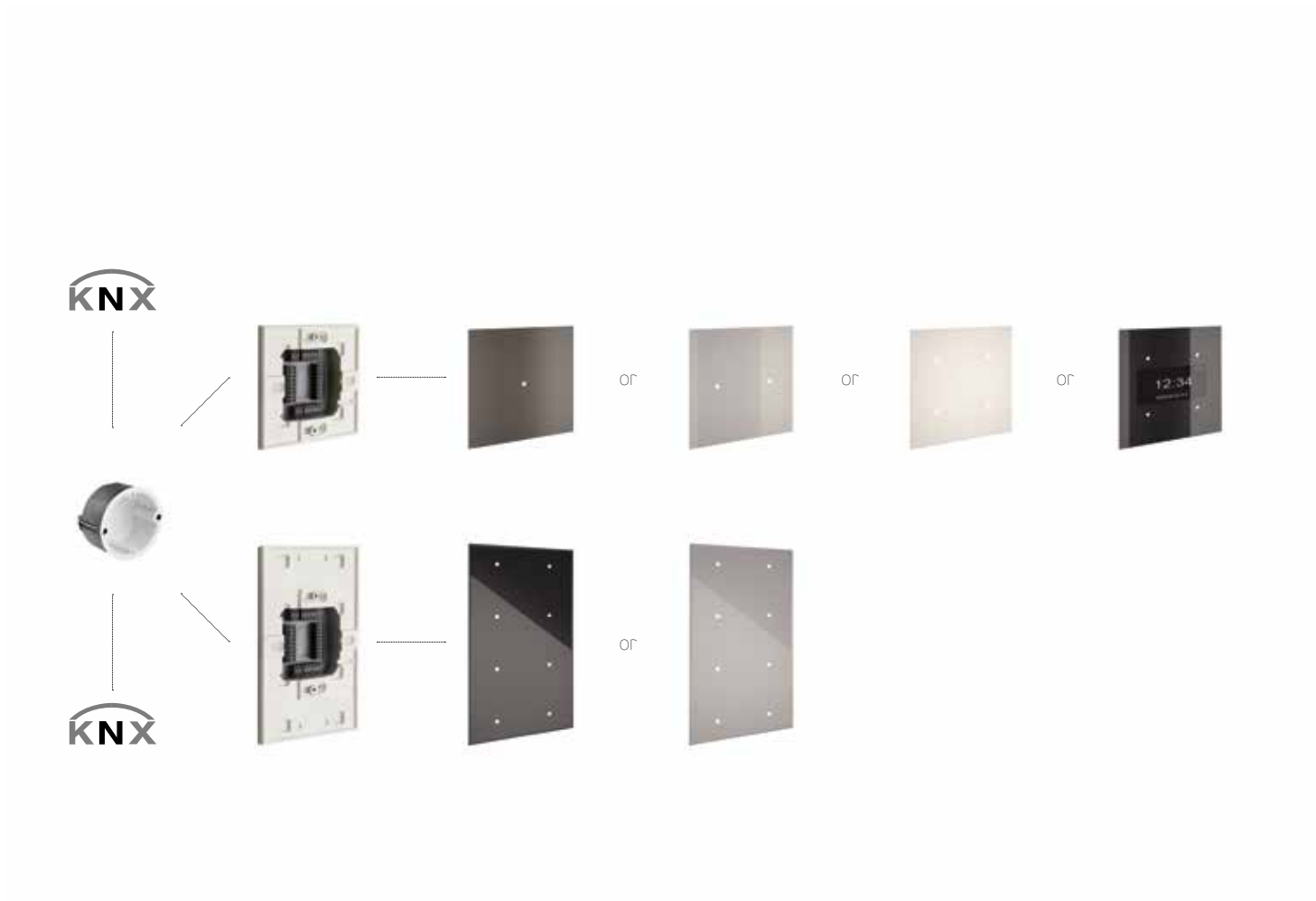
All matching frames in glass / alu-bronze / corian / stone are available for your existing single / double / triple sockets (55 x 55 mm).

Frames for 4V and 5V are available on demand.



product overview

TENSE products are available in different materials (alu-bronze / glass / corian / stone) and in different colours.



installation

TENSE products can be installed in a standard round or square European in-wall box.

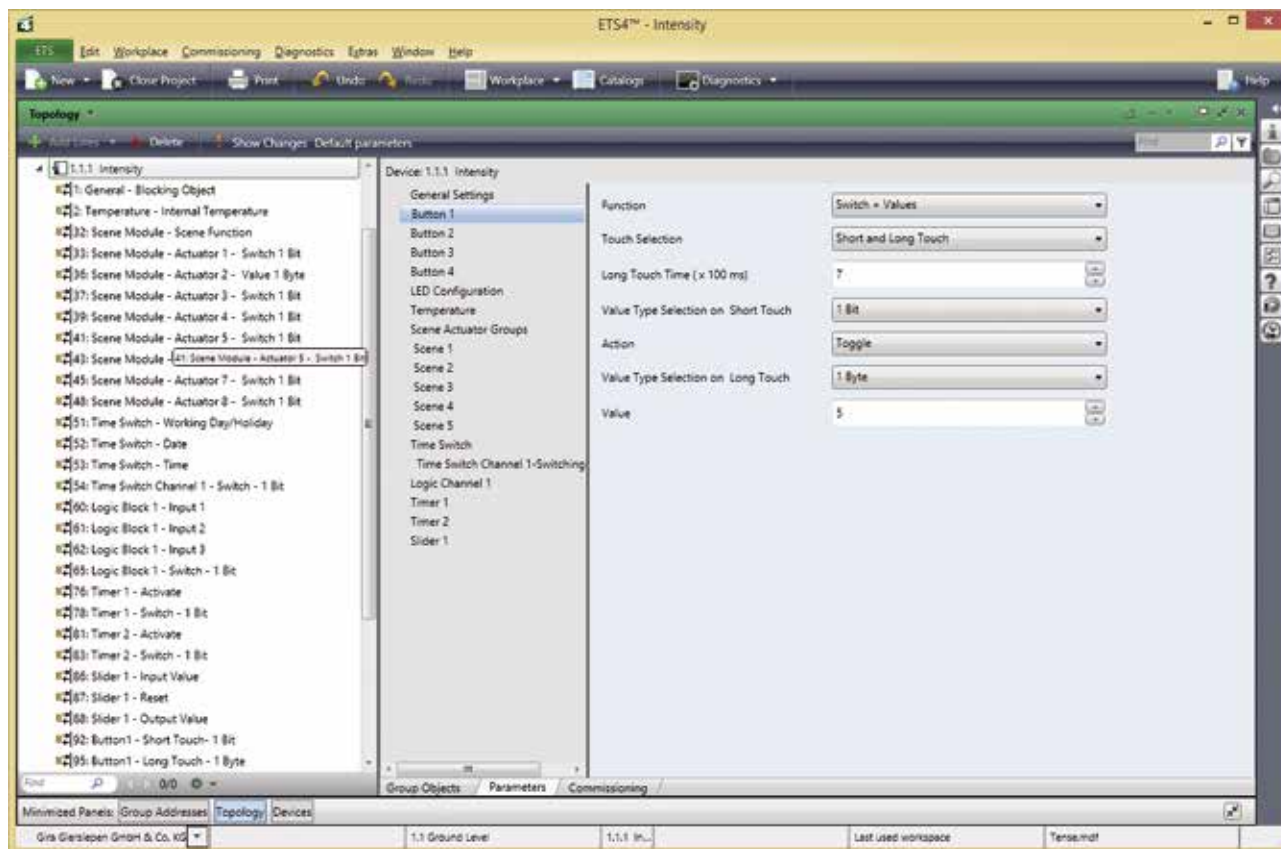


Full scale motivity



motivity

Smallest motion detector in the world. To be installed in the ceiling or wall (alu / glass / stone / corian).
Brightness control, t° sensor and motion detection in one (ceiling). Motion detection and t° sensor (wall). Patent pending.



ETS software

All our KNX products support a broad range of diverse application profiles and are easy to be programmed via ETS. Furthermore, the firmware can be reprogrammed through the bus so that future applications can be supported in a flexible way.



Functions INTENSITY:

- > Switch or Send 1 or 2 Byte Values on
 - Short Touch
 - Short and Long Touch
 - Positive / Negative edges
- > Dimming (using 1 or 2 buttons)
- > Blind Control (using 1 or 2 buttons)
- > Shutter Control (using 1 or 2 buttons),
with predefined operation concepts:
 - Short Touch : start / long:stop
 - Long Touch : start / short: stop
 - Single Touch : short: start/stop
- > Recalling / Saving Scenes

Modules:

- > Temperature sensing
- > Thermostat (PI and 2Point – Switching)
- > Scene Module
- > Timers
- > Basic Logic Functions
- > Up/Down Counters

Functions INFINITY:

In stand-by mode it acts like a regular switch (INTENSITY) with multiple functions that are set through the ETS software of KNX.

The display can be used to show button function info, thermostat status, internal and external temperatures and date/time information.

Additionally, touching at least 2 buttons at the same time activates the menu.

In this menu, you can navigate through the head pages (which are organised by function) by swiping from left to right (forward) or from right to left (backward) on the upper 2 touch buttons.

By swiping the lower 2 touch buttons, sub pages can be navigated. Each page contains a description of its function and the function of each button.

Available pages


- > Thermostat (Changing the mode and setpoint)
- > 3x6 Lights (Switching/Dimming)
- > 2x6 Shutters/Blinds/Curtains
- > 2x6 Scenes
- > 2x6 Info Pages
- > Room Audio Control (Selecting source/Controlling volume,...)
- > Time Switch (Calendar)
- > RGB Controller

technical features

order codes

ALU	ALU Black	ALU White	BRONZE	GOLD	Brushed GOLD	FER Forgé	CHROME	GLASS White	GLASS Black	GLASS Silver	GLASS Gold	PIR White	PIR Black
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INTENSITY	INTW														
	1V	INTA1	INTAB1	INTAW1	INTB1	INTG1	INTBG1	INTFF1	INTCH1	INTGW1	INTGB1	INTGS1	INTGG1	X	X
	2V	INTA2	INTAB2	INTAW2	INTB2	INTG2	INTBG2	INTFF2	INTCH2	INTGW2	INTGB2	INTGS2	INTGG2	X	X
	4V	INTA4	INTAB4	INTAW4	INTB4	INTG4	INTBG4	INTFF4	INTCH4	INTGW4	INTGB4	INTGS4	INTGG4	X	X
	8V	X	X	X	X	X	X	X	X	INTGW8	INTGB8	INTGS8	INTGG8	X	X





INFINITY	INFW														
	OLED room controller	INFA	INFAB	INFAW	INFB	INFG	INFBG	INFFF	INFCH	INFGW	INFGB	INFGS	INFGG	X	X


SOCKET FRAME															
	1V	SOCKA1	SOCKAB1	SOCKAW1	SOCKB1	SOCKG1	SOCKBG1	SOCKFF1	SOCKCH1	SOCKGW1	SOCKGB1	SOCKGS1	SOCKGG1	X	X
	2V	SOCKA2	SOCKAB2	SOCKAW2	SOCKB2	SOCKG2	SOCKBG2	SOCKFF2	SOCKCH2	SOCKGW2	SOCKGB2	SOCKGS2	SOCKGG2	X	X
	3V	SOCKA3	SOCKAB3	SOCKAW3	SOCKB3	SOCKG3	SOCKBG3	SOCKFF3	SOCKCH3	SOCKGW3	SOCKGB3	SOCKGS3	SOCKGG3	X	X
	4V	SOCKA4	SOCKAB4	SOCKAW4	SOCKB4	SOCKG4	SOCKBG4	SOCKFF4	SOCKCH4	SOCKGW4	SOCKGB4	SOCKGS4	SOCKGG4	X	X
	5V	SOCKA5	SOCKAB5	SOCKAW5	SOCKB5	SOCKG5	SOCKBG5	SOCKFF5	SOCKCH5	SOCKGW5	SOCKGB5	SOCKGS5	SOCKGG5	X	X




MOTIVITY															
		PIRA	PIRAB	PIRAW	PIRB	PIRG	PIRBG	PIRFF	PIRCH	PIRGW	PIRGB	PIRGS	PIRGG	PIRIW	PIRIB


order codes

CORIAN	CORIAN Carrea	CORIAN Linea	CORIAN Organica	CORIAN Ronda	CORIAN Claudia	STONE Belgian Blue	STONE French White	STONE Carrara Bianco Marble	STONE Ceppo Di Gres Limestone	STONE Calacatta Marble	STONE Emperador Grey Marble	STONE Emperador Marron Marble	STONE Oak Grey Marble
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INTENSITY	INTW														
	1V	INTC1	x	x	x	x	x	INTSBB1	INTSFW1	INTSCBM1	INTSCDGL1	INTSCM1	INTSEGM1	INTSEMM1	INTSOGM1
	2V	INTC2	x	x	x	x	x	INTSBB2	INTSFW2	INTSCBM2	INTSCDGL2	INTSCM2	INTSEGM2	INTSEMM2	INTSOGM2
	4V	INTC4	INTCCA4	INTCLI4	INTCOR4	INTCRO4	INTCCL4	INTSBB4	INTSFW4	INTSCBM4	INTSCDGL4	INTSCM4	INTSEGM4	INTSEMM4	INTSOGM4
	8V	INTC8	x	x	x	x	x	INTSBB8	INTSFW8	INTSCBM8	INTSCDGL8	INTSCM8	INTSEGM8	INTSEMM8	INTSOGM8

INFINITY	INFW														
	OLED room controller	INFC	x	x	x	x	x	INFSBB	INFSFW	INFSCBM	INFSCDGL	INFSCM	INFSEGM	INFSEMM	INFSOGM

SOCKET FRAME															
	1V	SOCKC1	SOCKC1	SOCKC1	SOCKC1	SOCKC1	SOCKC1	SOCKSBB1	SOCKSFW1	SOCKSCBM1	SOCKSCDGL1	SOCKSCM1	SOCKSEGM1	SOCKSEMM1	SOCKSOGM1
	2V	SOCKC2	SOCKC2	SOCKC2	SOCKC2	SOCKC2	SOCKC2	SOCKSBB2	SOCKSFW2	SOCKSCBM2	SOCKSCDGL2	SOCKSCM2	SOCKSEGM2	SOCKSEMM2	SOCKSOGM2
	3V	SOCKC3	SOCKC3	SOCKC3	SOCKC3	SOCKC3	SOCKC3	SOCKSBB3	SOCKSFW3	SOCKSCBM3	SOCKSCDGL3	SOCKSCM3	SOCKSEGM3	SOCKSEMM3	SOCKSOGM3
	4V	SOCKC4	SOCKC4	SOCKC4	SOCKC4	SOCKC4	SOCKC4	SOCKSBB4	SOCKSFW4	SOCKSCBM4	SOCKSCDGL4	SOCKSCM4	SOCKSEGM4	SOCKSEMM4	SOCKSOGM4
	5V	SOCKC5	SOCKC5	SOCKC5	SOCKC5	SOCKC5	SOCKC5	SOCKSBB5	SOCKSFW5	SOCKSCBM5	SOCKSCDGL5	SOCKSCM5	SOCKSEGM5	SOCKSEMM5	SOCKSOGM5

MOTIVITY															
		PIRC	x	x	x	x	x	PIRSBB	PIRSFW	PIRSCBM	PIRSCDGL	PIRSCM	PIRSEGM	PIRSEMM	PIRSOGM



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