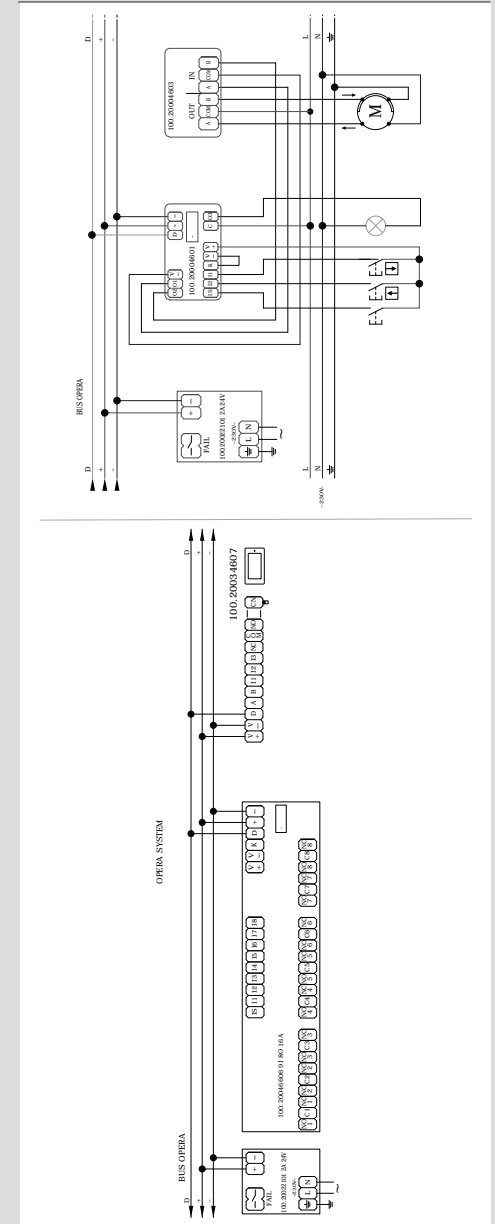
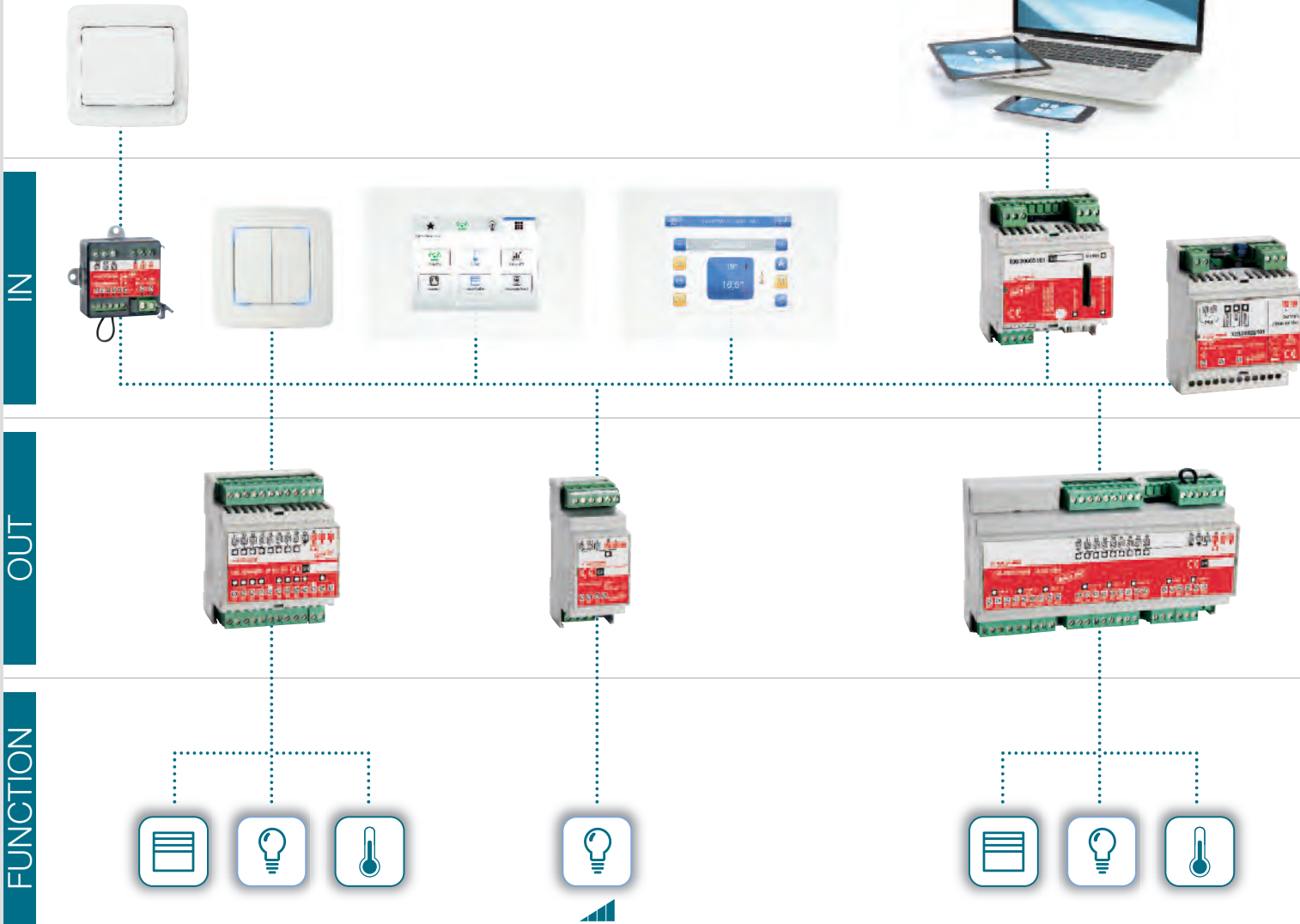


SCAME SYSTEMS INTEGRATION DIAGRAM

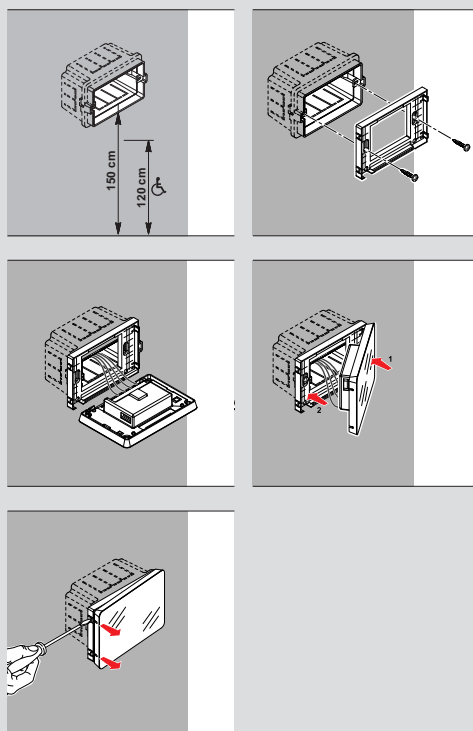
THE IDEAL SOLUTION IN THE RESIDENTIAL ENVIRONMENT.  
Simple system architecture, maximum flexibility, easy to configure.



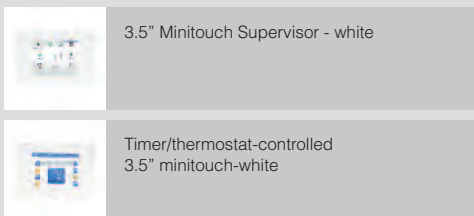
## SUPERVISORS



## MOUNTING



## VERSIONS



## TECHNICAL CHARACTERISTICS

Colour	White	Size (HxWxD)	85 x 123 x 28.6 mm
Magic Light	RGB LED illumination	O.C. outputs	YES (500 mA MAX.)
Display	3.5" (7 cm) colour touch screen with 320x240 pixel resolution	Relay output	• 30 Vdc / 5 A • 250 Vac / 10 A
Viewing angle (right / left / high / low)	50° / 50° / 45° / 50°	Operating temperature	-15° / +55°C
Micro SD card slot	YES (used for loading the home automation system configuration)	Weight	150 g
Power supply	• 12 Vdc / 24 Vdc	On-board thermostat	YES
Current absorption	355 mA @ 13.8 V 175 mA @ 25 V	Mounting of box	503 - 503E or similar
		Ethernet port	YES (for future uses)

## APPLICATION EXAMPLES



## CONTROL DEVICES



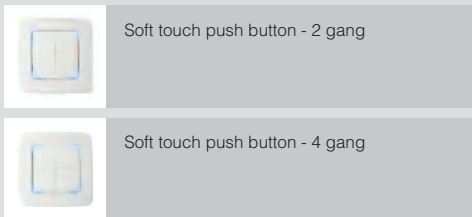
## REFERENCE STANDARDS

**BS EN 60669-1 (2000)**  
Switches for household  
and similar fixed-electrical installations.  
*Part 1: general requirements.*

## BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

## VERSIONS



Soft touch push button - 2 gang

Soft touch push button - 4 gang

## TECHNICAL CHARACTERISTICS

Power supply:	<b>24Vdc ±5%</b>
Current absorption:	<b>Max 15 mA</b>
Protection degree:	<b>IP20D</b>
Operating temperature according to the reference standard:	<b>-5°C +40°C</b>
Max. operating temperature:	<b>60°C</b>
Glow Wire test:	<b>850°C</b>
Operating testing	<b>40.000 operations at rated current 100.000 operations for mechanical life</b>
Max. installation altitude:	<b>2.000 m</b>
Mounting box type:	<b>Flush 1-2 gang (min. depth: 25mm) Surface 1-2 gang (min. depth: 25mm)</b>
Material:	<b>Engineering plastic</b>
Colour:	<b>White RAL 9016 Ivory RAL 1015 Silver Brass Anthracite</b>





## APPLICATION EXAMPLES



## MODULES I/O



## VERSIONS

	Wall-Mount/DIN home auto mod, 3 optocoupled dig. inputs
	Module 9 inputs and 8 outputs 6A on DIN (9I8O6A)
	Module 9 inputs, 8 outputs 16A on DIN (9I8O16A)
	Module 1 output dimmer 300W




## TECHNICAL CHARACTERISTICS

Power supply voltage:	<b>24 Vdc ±5%</b>
Absorption:	<b>Min. 8 mA, max.167 mA</b>
Inputs:	<b>Optically coupled digital type</b>
Outputs:	<b>Relay 230 Vac, resistive 6A (cosφ = 1)</b>
Max. input cable length:	<b>25 m</b>
Protection:	<b>Against reverse polarity</b>
Indications:	<b>Flashing yellow LED: Data transmission on BUS; Steady yellow LED: Power supply negative absent or incorrect connection of device; Red LED: possible collision of message on BUS</b>
BUS connector	<b>Terminal Block: - :Power supply negative + : +24 Vdc power supply D: data BUS</b>
Lack and restoring of power supply:	<b>Output status memory</b>
Terminals:	<b>Removable for BUS connection</b>
Positioning	<b>On a DIN rail on a dedicated control panel or in junction boxes</b>
Applicable standards	<b>Electromagnetic compatibility: EN 50081-1 (interference emission) and EN50082-2 (resistance to interference)</b>
Approvals	<b>CE</b>
Operating temperature	<b>0° to 50°C</b>
Storage temperature	<b>-10° to +70°C</b>
Relative air humidity	<b>5 to 95% with no condensation</b>

## SYSTEM DEVICES



## VERSIONS

	Web server serial bridge module
	Switching power supply unit 24 VDC on DIN
	RS232 programming interface

## SWITCHING POWER SUPPLY UNIT TECHNICAL CHARACTERISTICS

Power supply voltage:	<b>180÷270 Vac 50/60 Hz</b>
Output voltage:	<b>24 Vdc ± 5%</b>
Output current:	<b>2A max.</b>
Parallel connection:	<b>yes</b>
Protection:	<b>- against reverse polarity; - fuse on input circuit, protecting against overloads and short circuits, with automatic reset function</b>
Indicator contacts:	<b>1 voltage-free (FAIL), normally closed when the power supply unit is running, open to indicate errors</b>
Display elements:	<b>1 POWER LED 1 connection error LED</b>
Positioning:	<b>On a DIN rail on a dedicated control panel or in junction boxes*</b>
Applicable standards:	<b>electromagnetic compatibility: EN 50081-1 (interference emission) and EN50082-2 (resistance to interference)</b>
Weight:	<b>240g (not including packaging)</b>
Approvals:	<b>CE</b>
Dimensions:	<b>71 x 90 x 58 mm (4 DIN modules)</b>
Operating temperature:	<b>0° to 50°C</b>
Storage temperature:	<b>-10° to +70°C</b>
Relative air humidity:	<b>5 to 95% with no condensation</b>

\* With access allowed only for support or servicing by qualified personnel

TERMINAL	FUNCTION
-	Bus power supply negative
+	+ 24 Vdc bus power supply
FAIL	NC contact (power supply fault indication)
⊥	Earth
L	Live
N	Neutral