CUSTOMER: SISTEMATICA S.p.A.	PROT. N.:
6 FUNCTION	

Rev.Index	Date	Description
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FUNCTION	Documentazione	Documentazione	RdP
NAME	Quaglia Alessandro	Quaglia Alessandro	Baudino Stefano

CUSTOMER VALIDATION	
DATE	
NOTES	

1. Part Numbers

	SISTEMATICA S.p.A P/N	CUSTOMER P/N
KIT	SE202XXBX.KIT	
REMOTE CONTROL	SE201PXX.SIS-SE031	
NECK STRAP	MECCOLLSER2	
CRADLE	\	
BATTERY CHARGER	\	
SAFETY POINT PLATE	\	
CONTROLLER	SE201RAX.SIS-SE011	
WIRING HARNESS	SE181RBX.CBL	
EMERGENCY MUSHROOM BOX	\	

2. Remote Control

PART NUMBER
SE201PXX.SIS-SE031

PART NUMBER
MECCOLLSER2

FAMILY		NOTES
Nimble	☐	
Easy	☒	
Trend	☐	
Ego	☐	
POWER SUPPLY		
Alkaline 3V 2x1,5 AA	☐	
Alkaline 3V 2x1,5 AAA	☒	
Litio sinlge cell 3.7V	☐	
12-24 Vdc with cord	☐	
COMMUNICATION INTERFACES		
RF 433.2 - 434.6 MHz	☐	
RF 865.4 - 868.2 MHz	☒	
RF 915.2 - 918.0 MHz	☐	
RS485	☐	
RS232	☐	
CAN Bus	☐	
OPTIONS		
Keyboard backlight	☐	
Buzzer	☐	
Emergency mushroom	☐	Only available on Trend and Ego family
Passive SafetyPoint	☐	
Active SafetyPoint	☐	
TiltingHand	☐	
Vibration	☐	
Page shift	☐	
Cradle	☐	Only available on Nimble, Easy e Trend family
Battery charger	☐	Only available on Ego family
Standard sticker	☒	
Custom sticker	☐	
Standard keyboard	☒	
Custom keyboard	☐	
Standard neck strap	☒	
Custom neck strap	☐	
COMPLIANCE MARK		
CE	☒	
FCC	☐	
C-Tick	☐	
NOTES		

3. Controller
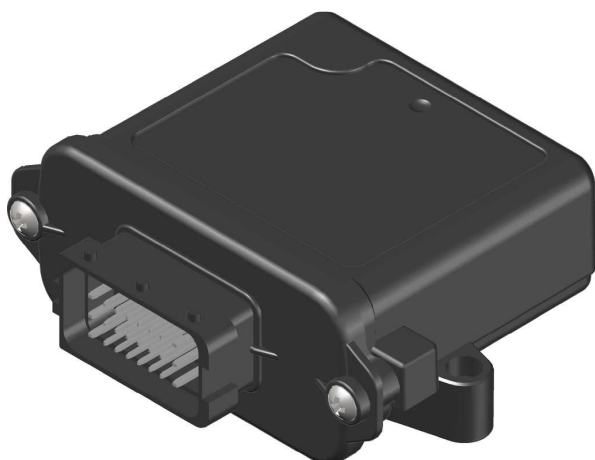
PART NUMBER
SE201RAX.SIS-SE011

FAMILY		NOTES
Nimble	☐	
Controller 4	☐	
Controller 8	☒	
Controller 8-AC	☐	
Controller 20	☐	
Controller 32	☐	
Multiout 12	☐	
Radio-Can	☐	
POWER SUPPLY		
12-24 Vdc	☒	
12-36 Vac-Vdc	☐	
Other	☐	Vin =
COMMUNICATION INTERFACES		
RF 433.2 – 434.6 MHz	☐	
RF 865.4 - 868.2 MHz	☒	
RF 915.2 - 918.0 MHz	☐	
RS485	☐	
RS232	☐	
CAN Bus	☐	
INPUT-OUTPUT		
Master Output	☒	
Emergency Output	☒	
Proportional Output	☐	
Power output number	6	Max 5 A per output
Digital input number		
Analog input number		Range tensione in ing.:
Whole maximum current available on the outputs (A)	10	Fuse rated current (Ampere)
OPTIONS		
Status led	☐	
Emergency keyboard	☐	
External antenna	☐	☐ Stub ☐ Remote, cable length L =
Configuration switch	☐	
Timeout (Tout)	2 min	
COMPLIANCE MARK		
CE	☒	
FCC	☐	
C-Tick	☐	
E24	☒	
NOTES		

3.1 Connections table

PIN	COLOR	TYPE	NAME	FUNCTION
A8	WHITE	O	M.O.	Master Output
A7	GREEN/WHITE	O	E.O.	Emergency Output
B7	GREEN	O	OUT 1	EV 1
C7	YELLOW	O	OUT 2	EV 2
A6	GRAY	O	OUT 3	EV 3
B6	PINK	O	OUT 4	EV 4
A5	ORANGE	O	OUT 5	EV 5
B5	VIOLET	O	OUT 6	EV 6
B8	RED	S	+ ALIM	
B1	BLACK	S	- ALIM	

I: Input
O: Output
P: Proportional output
S: Power supply signals

4. Function description

DEFINITION:
- **SYSTEM START:** Start of the working session by touching the remote control **START** button. With the SYSTEM START the receiver set up the radio communication with the remote control (CloseLink). Is now possible to activate all the system functions through the handheld remote control.
  The **Emergency Output**, if present, is switched on at the SYSTEM START instant.
- **SYSTEM STOP:** End of the working session. The SYSTEM STOP happens in the following conditions:
  - Pushing the **STOP** button or the **EMERGENCY** button on the remote control or,
  - After Tout minutes in which the remote control stays unused or,
  - If the radio connection (CloseLink) falls down or,
  - Some operation are done through the receiver emergency keyboard (if present).
  The **Emergency Output**, if present, is switched off at the SYSTEM STOP instant.

FUNCTION ACTIVATION THROUGH REMOTE CONTROL

BUTTON	FUNCTION	RECEIVER OUTPUT BEHAVIOUR	MODE	S.P.
START	SYSTEM START	E.O. On	-	☐
STOP	SYSTEM STOP	E.O. Off	-	☐
1	EV 1	M.O. + OUT 1	M	☐
2	EV 2	M.O. + OUT 2	M	☐
3	EV 3	M.O. + OUT 3	M	☐
4	EV 4	M.O. + OUT 4	M	☐
5	EV 5	M.O. + OUT 5	M	☐
6	EV 6	M.O. + OUT 6	M	☐

M: MAINTAINED function. As long as the user hold the button pushed, the correspondent output on the receiver stay on. They will be switched off as soon as the user release the button.
L: LATCHED function (or ON/OFF). The receiver output stay on when the button is released. They will be switched off with the next button touch.
Output switch on and off can be also realized through two different buttons.
S.P.: SafetyPoint related function. In order to enable this function the remote control must be placed close to the SafetyPoint Plate.
With this system is possible press two keys simultaneously as in the following table:

Y: possible   N: not possible

	K1	K2	K3	K4	K5	K6
K1	\	N	N	N	N	N
K2	N	\	N	N	N	N
K3	N	N	\	N	N	N
K4	N	N	N	\	N	N
K5	N	N	N	N	\	N
K6	N	N	N	N	N	\

5. Wiring harness

FEMALE CONNECTOR

900mm | 100mm

L=200mm

LENGHT= 1000mm

GREEN
YELLOW
GRAY
PINK
ORANGE
VIOLET
GREEN/WHITE
WHITE
RED
BLACK

						CUSTOMER name	CUSTOMER code	File name	Page
							SE181RBX.CBL	Funzionale SE181RBX_CBL PER CLIENTE – ING.dwg	1:1
A.Q.	A.Q.	A.Q.	Rev.0	27/04/11		CUSTOMER WIRING HARNESS		SISTEMATICA S.p.A.	
Designed	Verified	Approved	Revision	Date	Change made				
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