

Functional descriptive document

RSEF

The RSEF transmits orders permanently to the RSRD receiver, in order to control a remote machine while respecting a safety level PL e / SIL 3.

Exchanged data : digital data

Modulation type : 2-FSK

Deviation: +/- 6 kHz

Data rate : 3.3 kbauds

Frequency range: 911-918 MHz

Duty Cycle: 100%

Channel No.	Frequency MHz	Channel No.	Frequency MHz
01	911,800	33	915,100
02	911,900	34	915,200
03	912,000	35	915,300
04	912,100	36	915,400
05	912,200	37	915,500
06	912,300	38	915,600
07	912,400	39	915,700
08	912,500	40	915,800
09	912,600	41	915,900
10	912,700	42	916,000
11	912,800	43	916,100
12	912,900	44	916,200
13	913,000	45	916,300
14	913,100	46	916,400
15	913,200	47	916,500
16	913,300	48	916,600
17	913,400	49	916,700
18	913,500	50	916,800
19	913,600	51	916,900
20	913,700	52	917,000
21	913,800	53	917,100
22	913,900	54	917,200
23	914,000	55	917,300
24	914,100	56	917,400
25	914,300	57	917,500
26	914,400	58	917,600
27	914,500	59	917,700
28	914,600	60	917,800
29	914,700	61	917,900
30	914,800	62	918,000
31	914,900	63	918,100
32	915,000	64	918,200

For further information about the equipment, see in details the *User and installation manual of equipment* and Block Diagram

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Date:
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