



ARCHEAN TECHNOLOGIES
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BVRDCI

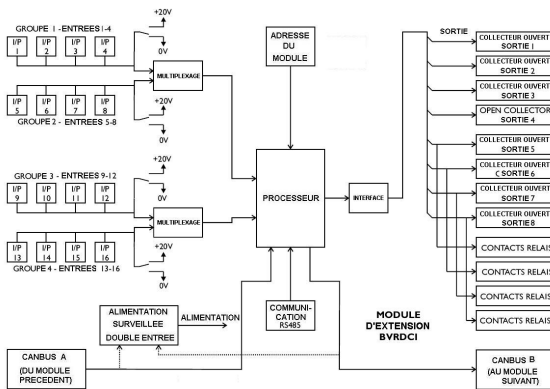
EN54-16 Extension module

EN54-16

MADE IN 

5 years warranty

- The BVRDCI is an extension module. Designed by Baldwin and Boxall company, it is composed of 16 analog inputs and of 8 logical outputs (max 40V @ 100mA).
- Fully compliant to EN54-16, EN 60849 et BS5839 pt 8 it is perfectly adapted to your Voice Alarm systems.
- Equipped of 4 contact relays and of one RS485 communication in order to monitor the microphone pupitres, the fire system, the network controller, error logs.
- Works with the audio router BVRD2M.



P1		P2	
1	Analog input 1	1	Logical output relay 5 : NC
2	Analog input 2	2	Logical output relay 5 : common
3	Analog input 3	3	Logical output relay 5 : NO
4	Analog input 4	4	Logical output relay 6 : NC
5	Analog input 5	5	Logical output relay 6 : common
6	Analog input 6	6	Logical output relay 6 : NO
7	Analog input 7	7	Logical output relay 7 : NC
8	Analog input 8	8	Logical output relay 7 : common
9	Analog input 9	9	Logical output relay 7 : NO
10	Analog input 10	10	Logical output relay 8 : NC
11	Analog input 11	11	Logical output relay 8 : common
12	Analog input 12	12	Logical output relay 8 : NO

P1		P2	
13	Analog input 13	13	Logical output 5
14	Analog input 14	14	Logical output 6
15	Analog input 15	15	Logical output 7
16	Analog input 16	16	Logical output 8
17	Logical output 1	17	RS485 - A : Data +
18	Logical output 2	18	RS485 - B : Data -
19	Logical output 3	19	GND : 0V
20	Logical output 4	20	GND : 0V
P3	Link CANBUS	P4	Link CANBUS
Switch address			
SW1 - SW5		Adress	
SW6		End of line resistance	



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BVRDFPI

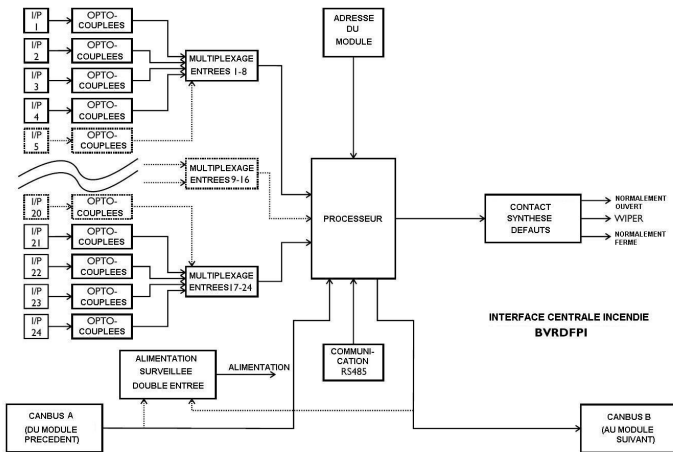
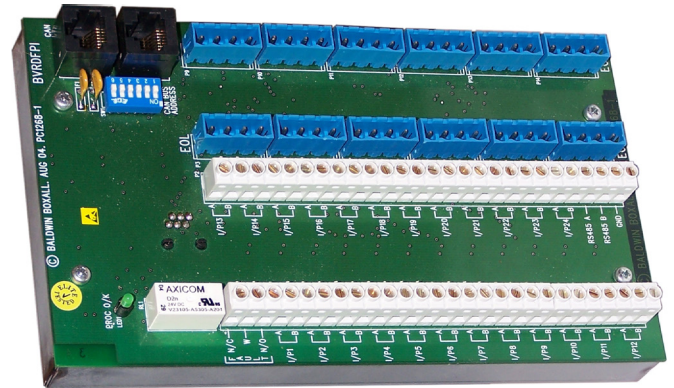
EN54-16 Extension module

EN54-16

MADE IN 

5 years warranty

- The BVRDFPI is a fire panel interface fully compliant to EN54-16, EN 60849 et BS5839 pt 8 standards.
- 24 opto-coupled inputs from fire detection system
- 1 RS485 half duplex port for communicating to control fire detection systems, microphones, network control fault reporting.



- 1 common fault volt-free changeover relay contacts.

P1		14	Opto-coupled input 6+
1	Fault volt-free changeover relay NC	15	Opto-coupled input 6-
2	Fault volt-free changeover relay Common	16	Opto-coupled input 7+
3	Fault volt-free changeover relay NO	17	Opto-coupled input 7-
4	Opto-coupled input 1+	18	Opto-coupled input 8+
5	Opto-coupled input 1-	19	Opto-coupled input 8-
6	Opto-coupled input 2+	20	Opto-coupled input 9+
7	Opto-coupled input 2-	21	Opto-coupled input 9-
8	Opto-coupled input 3+	22	Opto-coupled input 10+
9	Opto-coupled input 3-	23	Opto-coupled input 10-
10	Opto-coupled input 4+	24	Opto-coupled input 11+
11	Opto-coupled input 4-	25	Opto-coupled input 11-
12	Opto-coupled input 5+	26	Opto-coupled input 12+
13	Opto-coupled input 5-	27	Opto-coupled input 12-

P2		14	Opto-coupled input 19-
1	Opto-coupled input 13+	15	Opto-coupled input 20+
2	Opto-coupled input 13-	16	Opto-coupled input 20-
3	Opto-coupled input 14+	17	Opto-coupled input 21+
4	Opto-coupled input 14-	18	Opto-coupled input 21-
5	Opto-coupled input 15+	19	Opto-coupled input 22+
6	Opto-coupled input 15-	20	Opto-coupled input 22-
7	Opto-coupled input 16+	21	Opto-coupled input 23+
8	Opto-coupled input 16-	22	Opto-coupled input 23-
9	Opto-coupled input 17+	23	Opto-coupled input 24+
10	Opto-coupled input 17-	24	Opto-coupled input 24-
11	Opto-coupled input 18+	25	RS485 - data +
12	Opto-coupled input 18-	26	RS485 - data -
13	Opto-coupled input 19+	27	0V

BVRDFPI

EN54-16 Extension module

P3	
1	End of line resistance 1
2	End of line resistance 1
3	End of line resistance 2
4	End of line resistance 2

P4	
1	End of line resistance 3
2	End of line resistance 3
3	End of line resistance 4
4	End of line resistance 4

P5	
1	End of line resistance 5
2	End of line resistance 5
3	End of line resistance 6
4	End of line resistance 6

P6	
1	End of line resistance 7
2	End of line resistance 7
3	End of line resistance 8
4	End of line resistance 8

P7	
1	End of line resistance 9
2	End of line resistance 9
3	End of line resistance 10
4	End of line resistance 10

P8	
1	End of line resistance 11
2	End of line resistance 11
3	End of line resistance 12
4	End of line resistance 12

P9	
1	End of line resistance 13
2	End of line resistance 13
3	End of line resistance 14
4	End of line resistance 14

P10	
1	End of line resistance 15
2	End of line resistance 15
3	End of line resistance 16
4	End of line resistance 16

P11	
1	End of line resistance 17
2	End of line resistance 17
3	End of line resistance 18
4	End of line resistance 18

P12	
1	End of line resistance 19
2	End of line resistance 19
3	End of line resistance 20
4	End of line resistance 20

P13	
1	End of line resistance 21
2	End of line resistance 21
3	End of line resistance 22
4	End of line resistance 22

P14	
1	End of line resistance 23
2	End of line resistance 23
3	End of line resistance 24
4	End of line resistance 24

P15	
1	Link CANBUS
2	Link CANBUS

Switch address	
SW1 à SW5	Adress
SW6	End of line resistance