

Socapex 19 - 6 channel per connector - de facto standard wiring

Multipin Outlet 1

1	Channel 1	Line
2	Channel 1	Neutral
3	Channel 2	Line
4	Channel 2	Neutral
5	Channel 3	Line
6	Channel 3	Neutral
7	Channel 4	Line
8	Channel 4	Neutral
9	Channel 5	Line
10	Channel 5	Neutral
11	Channel 6	Line
12	Channel 6	Neutral
13	Channel 1	Protective Earth
14	Channel 2	Protective Earth
15	Channel 3	Protective Earth
16	Channel 4	Protective Earth
17	Channel 5	Protective Earth
18	Channel 6	Protective Earth
19	not used	

Multipin Outlet 2

1	Channel 7	Line
2	Channel 7	Neutral
3	Channel 8	Line
4	Channel 8	Neutral
5	Channel 9	Line
6	Channel 9	Neutral
7	Channel 10	Line
8	Channel 10	Neutral
9	Channel 11	Line
10	Channel 11	Neutral
11	Channel 12	Line
12	Channel 12	Neutral
13	Channel 7	Protective Earth
14	Channel 8	Protective Earth
15	Channel 9	Protective Earth
16	Channel 10	Protective Earth
17	Channel 11	Protective Earth
18	Channel 12	Protective Earth
19	not used	

Multipin Outlet 3

1	Channel 13	Line
2	Channel 13	Neutral
3	Channel 14	Line
4	Channel 14	Neutral
5	Channel 15	Line
6	Channel 15	Neutral
7	Channel 16	Line
8	Channel 16	Neutral
9	Channel 17	Line
10	Channel 17	Neutral
11	Channel 18	Line
12	Channel 18	Neutral
13	Channel 13	Protective Earth
14	Channel 14	Protective Earth
15	Channel 15	Protective Earth
16	Channel 16	Protective Earth
17	Channel 17	Protective Earth
18	Channel 18	Protective Earth
19	not used	

Multipin Outlet 4

1	Channel 19	Line
2	Channel 19	Neutral
3	Channel 20	Line
4	Channel 20	Neutral
5	Channel 21	Line
6	Channel 21	Neutral
7	Channel 22	Line
8	Channel 22	Neutral
9	Channel 23	Line
10	Channel 23	Neutral
11	Channel 24	Line
12	Channel 24	Neutral
13	Channel 19	Protective Earth
14	Channel 20	Protective Earth
15	Channel 21	Protective Earth
16	Channel 22	Protective Earth
17	Channel 23	Protective Earth
18	Channel 24	Protective Earth
19	not used	

Harting 16 - 6 channel per connector - DIN standard wiring (also knowns as "1-9")

Multipin Outlet 1

1	Channel 1	Line
2	Channel 2	Line
3	Channel 3	Line
4	Channel 4	Line
5	Channel 5	Line
6	Channel 6	Line
7	not used	
8	not used	
9	Channel 1	Neutral
10	Channel 2	Neutral
11	Channel 3	Neutral
12	Channel 4	Neutral
13	Channel 5	Neutral
14	Channel 6	Neutral
15	not used	
16	not used	

Multipin Outlet 2

1	Channel 7	Line
2	Channel 8	Line
3	Channel 9	Line
4	Channel 10	Line
5	Channel 11	Line
6	Channel 12	Line
7	not used	
8	not used	
9	Channel 7	Neutral
10	Channel 8	Neutral
11	Channel 9	Neutral
12	Channel 10	Neutral
13	Channel 11	Neutral
14	Channel 12	Neutral
15	not used	
16	not used	

Multipin Outlet 3

1	Channel 13	Line
2	Channel 14	Line
3	Channel 15	Line
4	Channel 16	Line
5	Channel 17	Line
6	Channel 18	Line
7	not used	
8	not used	
9	Channel 13	Neutral
10	Channel 14	Neutral
11	Channel 15	Neutral
12	Channel 16	Neutral
13	Channel 17	Neutral
14	Channel 18	Neutral
15	not used	
16	not used	

Multipin Outlet 4

1	Channel 19	Line
2	Channel 20	Line
3	Channel 21	Line
4	Channel 22	Line
5	Channel 23	Line
6	Channel 24	Line
7	not used	
8	not used	
9	Channel 19	Neutral
10	Channel 20	Neutral
11	Channel 21	Neutral
12	Channel 22	Neutral
13	Channel 23	Neutral
14	Channel 24	Neutral
15	not used	
16	not used	

Harting 16 - 6 channel per connector - NON STANDARD WIRING

Multipin Outlet 1

1	Channel 1	Line
2	Channel 1	Neutral
3	Channel 2	Line
4	Channel 2	Neutral
5	Channel 3	Line
6	Channel 3	Neutral
7	Channel 4	Line
8	Channel 4	Neutral
9	Channel 5	Line
10	Channel 5	Neutral
11	Channel 6	Line
12	Channel 6	Neutral
13	not used	
14	not used	
15	not used	
16	not used	

Multipin Outlet 2

1	Channel 7	Line
2	Channel 7	Neutral
3	Channel 8	Line
4	Channel 8	Neutral
5	Channel 9	Line
6	Channel 9	Neutral
7	Channel 10	Line
8	Channel 10	Neutral
9	Channel 11	Line
10	Channel 11	Neutral
11	Channel 12	Line
12	Channel 12	Neutral
13	not used	
14	not used	
15	not used	
16	not used	

Multipin Outlet 3

1	Channel 13	Line
2	Channel 13	Neutral
3	Channel 14	Line
4	Channel 14	Neutral
5	Channel 15	Line
6	Channel 15	Neutral
7	Channel 16	Line
8	Channel 16	Neutral
9	Channel 17	Line
10	Channel 17	Neutral
11	Channel 18	Line
12	Channel 18	Neutral
13	not used	
14	not used	
15	not used	
16	not used	

Multipin Outlet 4

1	Channel 19	Line
2	Channel 19	Neutral
3	Channel 20	Line
4	Channel 20	Neutral
5	Channel 21	Line
6	Channel 21	Neutral
7	Channel 22	Line
8	Channel 22	Neutral
9	Channel 23	Line
10	Channel 23	Neutral
11	Channel 24	Line
12	Channel 24	Neutral
13	not used	
14	not used	
15	not used	
16	not used	

Harting 16 - 8 channel per connector - extension of DIN standard wiring (also known as "1-9")

Multipin Outlet 1

1	Channel 1	Line
2	Channel 2	Line
3	Channel 3	Line
4	Channel 4	Line
5	Channel 5	Line
6	Channel 6	Line
7	Channel 7	Line
8	Channel 8	Line
9	Channel 1	Neutral
10	Channel 2	Neutral
11	Channel 3	Neutral
12	Channel 4	Neutral
13	Channel 5	Neutral
14	Channel 6	Neutral
15	Channel 7	Neutral
16	Channel 8	Neutral

Multipin Outlet 2

1	Channel 9	Line
2	Channel 10	Line
3	Channel 11	Line
4	Channel 12	Line
5	Channel 13	Line
6	Channel 14	Line
7	Channel 15	Line
8	Channel 16	Line
9	Channel 9	Neutral
10	Channel 10	Neutral
11	Channel 11	Neutral
12	Channel 12	Neutral
13	Channel 13	Neutral
14	Channel 14	Neutral
15	Channel 15	Neutral
16	Channel 16	Neutral

Multipin Outlet 3

1	Channel 17	Line
2	Channel 18	Line
3	Channel 19	Line
4	Channel 20	Line
5	Channel 21	Line
6	Channel 22	Line
7	Channel 23	Line
8	Channel 24	Line
9	Channel 17	Neutral
10	Channel 18	Neutral
11	Channel 19	Neutral
12	Channel 20	Neutral
13	Channel 21	Neutral
14	Channel 22	Neutral
15	Channel 23	Neutral
16	Channel 24	Neutral

Harting 16 - 8 channel per connector - NON STANDARD WIRING

Multipin Outlet 1

1	Channel 1	Line
2	Channel 1	Neutral
3	Channel 2	Line
4	Channel 2	Neutral
5	Channel 3	Line
6	Channel 3	Neutral
7	Channel 4	Line
8	Channel 4	Neutral
9	Channel 5	Line
10	Channel 5	Neutral
11	Channel 6	Line
12	Channel 6	Neutral
13	Channel 7	Line
14	Channel 7	Neutral
15	Channel 8	Line
16	Channel 8	Neutral

Multipin Outlet 2

1	Channel 9	Line
2	Channel 9	Neutral
3	Channel 10	Line
4	Channel 10	Neutral
5	Channel 11	Line
6	Channel 11	Neutral
7	Channel 12	Line
8	Channel 12	Neutral
9	Channel 13	Line
10	Channel 13	Neutral
11	Channel 14	Line
12	Channel 14	Neutral
13	Channel 15	Line
14	Channel 15	Neutral
15	Channel 16	Line
16	Channel 16	Neutral

Multipin Outlet 3

1	Channel 17	Line
2	Channel 17	Neutral
3	Channel 18	Line
4	Channel 18	Neutral
5	Channel 19	Line
6	Channel 19	Neutral
7	Channel 20	Line
8	Channel 20	Neutral
9	Channel 21	Line
10	Channel 21	Neutral
11	Channel 22	Line
12	Channel 22	Neutral
13	Channel 23	Line
14	Channel 23	Neutral
15	Channel 24	Line
16	Channel 24	Neutral