

PZB-6000 power supply capabilities in terms of controlling signaling devices

SAW-6101, SAW-6106, SAB-6101, SAB-6106

Input Conditions

Supply voltage: 24 V

Volume Level: NOMINAL

Operation/Load Mode: CONTINUOUS

| Type | Power Supply maximum continuous load current | Type of sounder | Alarm number | Maximum and minimum sounder current consumption for the corresponding alarm number | Maximum number of sounders controlled from the power supply |
|-----------------------|--|-----------------|--------------|--|---|
| PZB-6000-3-150 | 1.2 A | SAW-6101/6 | 11 | 50 | 24 |
| | | | 14 | 9 | 133 |
| | | SAB-6101/6 | 11 | 170 | 7 |
| | | | 1-5 | 100 | 12 |
| PZB-6000-4-600 | 8.0 A | SAW-6101/6 | 11 | 50 | 160 |
| | | | 14 | 9 | 888 |
| | | SAB-6101/6 | 11 | 170 | 47 |
| | | | 1-5 | 100 | 80 |

SAW-6101, SAW-6106

Maximum current consumption of the sounder in the acoustic alarm state in [mA].

If the SAB-6106 sounder plays a warning signal with a voice message, the current consumption for siren no. 11 should be considered as the maximum current consumption.

| Alarm number | Power supply 12 V (9.6 V ÷ 16.0 V) | | | Power supply 24 V (16.0 V ÷ 30.0 V) | | |
|--------------|------------------------------------|--------------|----------------|-------------------------------------|--------------|----------------|
| | Volume -12 dB | Volume -6 dB | Volume Nominal | Volume -12 dB | Volume -6 dB | Volume Nominal |
| 1 | 6,5 | 8 | 20 | 4 | 5.5 | 12 |
| 2 | 7 | 10 | 24.5 | 4 | 6 | 15 |
| 3 | 6.5 | 8.5 | 17 | 4 | 5 | 10 |
| 4 | 6.5 | 8.5 | 17 | 4 | 5 | 10 |
| 5 | 6.5 | 9 | 19.5 | 4 | 5.5 | 12 |
| 6 | 7 | 10 | 26 | 4.5 | 7 | 16 |
| 7 | 6.5 | 8.5 | 17.5 | 4 | 5 | 10 |
| 8 | 7 | 10 | 25.5 | 4 | 6 | 15 |
| 9 | 7.5 | 13.5 | 42 | 5 | 8 | 26 |
| 10 | 8.5 | 19 | 75.5 | 5.5 | 12 | 44 |
| 11 | 9 | 22 | 100 | 6 | 14 | 50 |
| 12 | 7.5 | 12 | 43 | 4.5 | 8 | 24 |
| 13 | 7 | 10.5 | 30 | 4.5 | 6.5 | 17 |
| 14 | 6.5 | 8.5 | 15.5 | 4 | 5 | 9 |
| 15 | 7 | 9.5 | 22.5 | 4 | 5.5 | 13 |
| 16 | 7 | 10.5 | 30 | 4.5 | 6.5 | 17 |

SAB-6101, SAB-6106

Sounder maximum current consumption for alarm sirens, in [mA]. If the SAB-6106 sounder plays a warning signal with a voice message, the current consumption for siren no. 11 should be considered as the maximum current consumption.

| Siren number | Power supply 12 V (9.6 V ÷ 16.0 V) | | | Power supply 24 V (16.0 V ÷ 30.0 V) | | |
|--------------|------------------------------------|--------|---------|-------------------------------------|--------|------------|
| | Volume | Volume | Volume | Volume | Volume | Volume |
| | -12 dB | -6 dB | Nominal | -12 dB | -6 dB | Nominal |
| 1 | 130 | 140 | 150 | 90 | 95 | 100 |
| 2 | 130 | 140 | 150 | 90 | 95 | 100 |
| 3 | 130 | 140 | 150 | 90 | 95 | 100 |
| 4 | 130 | 140 | 150 | 90 | 95 | 100 |
| 5 | 130 | 140 | 150 | 90 | 95 | 100 |
| 6 | 140 | 150 | 160 | 100 | 105 | 110 |
| 7 | 140 | 150 | 160 | 100 | 105 | 110 |
| 8 | 140 | 150 | 160 | 100 | 105 | 110 |
| 9 | 140 | 150 | 220 | 100 | 110 | 140 |
| 10 | 140 | 150 | 220 | 100 | 110 | 140 |
| 11 | 140 | 150 | 280 | 100 | 120 | 170 |
| 12 | 140 | 150 | 230 | 100 | 110 | 155 |
| 13 | 140 | 145 | 170 | 100 | 105 | 125 |
| 14 | 140 | 145 | 160 | 100 | 105 | 110 |
| 15 | 140 | 145 | 160 | 100 | 105 | 110 |
| 16 | 140 | 150 | 240 | 100 | 105 | 155 |