




Conventional Fire Alarm Panel 4 Zone Data Sheet

| | | |
|--|---|------|
| Product Module | AW-CFP2166-4 | |
| AC INPUT | 220VAC 50HZ | +10% |
| | | -15% |
| DC OUTPUT | 24VDC typical | |
| Voltage for MCU | 5V for power board MCU, 3.3V for others | |
| Current at 24VDC from PSE | 450mA standby current | |
| Maximum current from PSE | 2A except batteries charge | |
| Batteries current | 1.85A maximum, current limited | |
| Auxiliary output | 24VDC +/- 10%, 100 mA max, current limited, monitored | |
| Batteries | 2*12V/ 2.3Ah sealed lead acid gel, self-regulated | |
| | 2*12V/ 7Ah if needed | |
| Battery replace Resistance | 2Ω±10% if needed | |
| Battery low-voltage protection | 22.2V | |
| Detectors connection allowed each zone | 20 (except MCPs) | |
| Zone alarm current | 6mA minimum/ 27mA maximum | |
| Sounder output | 2*0.75A maximum | |
| Fire protection | 100mA maximum | |
| Fire routing | 100mA maximum | |
| Fault routing | 100mA maximum | |
| Communication protocol | 2 wires RS485 bus system | |
| Relay contacts rating | Dry contacts (NO/NC) 1A @24VDC | |
| EOL resistor for zone | 6.8K 1W | |
| EOL resistor for outputs | 6.8K 1W | |
| Fuse on power board | 3A/ 250V glass tube fuse 20mm | |
| Fuse on EMI board | 1A/ 250V glass tube fuse 20mm | |
| Environmental | Class A temperature range: -5 to 40°C (23~104°F) Humidity: 5 to 95% RH, non-condensing | |

| | |
|------------------------|---|
| Terminal blocks rating | All terminals rated for 12 to18 AWG (0.75 to 2.5 mm ²) |
| Certificate |  1395C/01 |