




Conventional Fire Alarm Panel 8 Zone Data Sheet

Product Module	AW-CFP2166-8	
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/02