

# DH-PFM344D-20CH-EN

## Switching Power Supply



- Outputs through 20 channels and can supply to multiple devices at the same time.
- The output voltage can be adjusted to 3 levels, making it easily adapt to various types of devices.
- Easy to install, the device supports wall mount installation.
- Designed with protection against overcurrent, overvoltage, and short circuits.
- Surge protection: common mode:  $\pm 4$  kV, differentiate mode:  $\pm 2$  kV.
- V-0 fireproof.
- CE certification.
- Efficiency Level: VI

### Series Overview

Dahua Switching Power Supply meets both national and regional certificate requirements. It offers outstanding performance, makes reliable use of electricity and is efficient, stable and environmentally friendly. The power supply comes with overload protection and overvoltage protection, and can be widely used in the security industry.

### Technical Specification

#### Function

|                           |                                                           |
|---------------------------|-----------------------------------------------------------|
| Input Voltage             | 100 VAC–240 VAC                                           |
| Output Voltage            | Normal: 12 VDC<br>Long: 13.5 VDC<br>Ex-Long: 15 VDC       |
| Rated Output Current      | Normal: 5 A<br>Long: 4.5 A<br>Ex-Long: 4 A                |
| Rated Power               | Output power: 12 W (for one channel)<br>Total power: 60 W |
| Power Consumption In Idle | $\leq 0.21$ W                                             |
| Efficiency                | $\geq 88\%$                                               |

#### Port

|             |                                                     |
|-------------|-----------------------------------------------------|
| Input Port  | 2-core female seat C8, with European standard cable |
| Output Plug | 20 channel output terminal                          |

#### Protection

|                        |                                                                             |
|------------------------|-----------------------------------------------------------------------------|
| Types of Protection    | Overcurrent protection, short circuit protection and overvoltage protection |
| Surge Protection Grade | Common mode: $\pm 4$ kV<br>Differentiate mode: $\pm 2$ kV                   |

#### Statics Protection

Air discharge:  $\pm 8$  kV  
Contact discharge:  $\pm 6$  kV

#### Structure

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| Installation       | Wall mount                                                                                                   |
| Product Dimensions | 158.0 mm $\times$ 104.0 mm $\times$ 34 mm (6.22" $\times$ 4.10" $\times$ 1.34")<br>(L $\times$ W $\times$ H) |
| Appearance Color   | Gray                                                                                                         |
| Net Weight         | 0.31 kg (0.68 lb)                                                                                            |
| Input Cable Length | 1000 mm (39.37")                                                                                             |

#### Environment

|                       |                                      |
|-----------------------|--------------------------------------|
| Operating Temperature | 0 °C to +40 °C (+32 °F to +104 °F)   |
| Operating Humidity    | 10%–90% (RH)                         |
| Storage Temperature   | –40 °C to +80 °C (–40 °F to +176 °F) |
| Storage Humidity      | 5%–95% (RH)                          |

#### Certifications

|                |    |
|----------------|----|
| Certifications | CE |
|----------------|----|

### Ordering Information

| Type                   | Model              | Description            |
|------------------------|--------------------|------------------------|
| Switching Power Supply | DH-PFM344D-20CH-EN | Switching Power Supply |

Dimensions (mm[inch])

