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Power Supplies

# POWER SUPPLIES COMPARISON



**10PS12-24**



**10PS12-24D**



**10PSMDR2024**



**10PSVR5T**



**10PSST242**

## PRIMARY APPLICATIONS

Access control

Access control

Industrial, Security

Industrial

Gates and barriers

## TECHNICAL SPECIFICATIONS

### Input

#### Voltage

115 VAC, 60Hz, 0.6A

115 VAC, 60Hz, 0.6A

85 – 264 VAC  
120 – 370 VDC

24 VAC  
24 VDC

Rated: 100 – 240 VAC

#### Trigger

Access control trigger input

Access control trigger input

N/A

N/A

N/A

### Output

#### Voltage

12 VDC or 24 VDC, selectable

12 VDC or 24 VDC, selectable

24 VDC

12 VDC

24 VDC

#### Current

1.75 A continuous max.

1.75 A continuous max.

0 – 1 A

3 A cont. supply

2 A

#### Rated power

*not published*

*not published*

24W

*not published*

48 W

#### Protection

Short circuit and thermal overload

Short circuit and thermal overload

Overload: 105 – 160% rated  
Over voltage: 27.6 – 32.4 V

Built-in overload,  
filtered and regulated

Short circuit and overcurrent

#### Fire Alarm Disconnect

Latching or non-latching

Latching or non-latching

N/A

N/A

N/A

#### Indicator Input

Input voltage present

Input voltage present

Input voltage present

Input LED

Input voltage present

#### Compliance

NFPA 70/72, UL294, ULC,  
CSA Standard C22.2; No. 205-M1983,  
Signal Equipment  
CSFM approved

NFPA 70/72, UL294, ULC  
CSA Standard C22.2; No. 205-M1983,  
Signal Equipment  
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UL508  
NEC class 2  
LPS compliant  
IEC 61204-3 Class B; IEC 61000-3-2, 3;  
IEC 61000-4-2, 3, 4, 5, 6, 8, 11;  
IEC 61000-6-1; IEC 61204-3

CE

UL60065, UL60950  
FCC, part 15 class B  
IEC 61000-3-2, IEC 61000-3-3,  
IEC 61000-4-2, IEC 61000-4-3,  
IEC 61000-4-4, IEC 61000-4-5,  
IEC 61000-4-6, IEC 61000-4-8,  
IEC 61000-4-11, IEC 60950

## FEATURES

#### General size

Small cabinet

Large cabinet - can store up to two  
12V batteries

Small - fits most places

Smallest - most efficient with space  
constraints

Small

#### Environment

Indoor

Indoor

Indoor, Outdoor (protected only)

Indoor

Indoor, Outdoor (protected only)

#### Output type

Constant and Switched outputs

Constant and Switched outputs

Filtered, regulated

Filtered, regulated

constant

#### Voltage adjustment

No

No

Yes

No

Yes

#### DIN rail

No

No

Yes

No

No

#### Plug-in

No

No

No

No

Yes



# POWER SUPPLIES COMPATIBILITY

✓ = compatible  
 = recommended



10PS12-24



10PS12-24D



10PSMDR2024



10PSVR5T



10PSST242



30.5558

	10PS12-24	10PS12-24D	10PSMDR2024	10PSVR5T	10PSST242	30.5558
ACCESS CONTROL PUSH BUTTON		✓	✓	✓	✓	✓
BEAMBOX	✓	✓	✓	✓	✓	
BODYGUARD-T	✓	✓	✓	✓	✓	
BR2-900		✓	✓	✓	✓	
BR3-X		✓	✓	✓	✓	
COLIBRI ONE	✓	✓	✓	✓	✓	
EAGLE Family	✓	✓	✓	✓	✓	
ELECTRIC STRIKES		✓	✓	✓	✓	✓
EVOLOOP	✓	✓	✓	✓		✓
FALCON FAMILY	✓	✓		✓	✓	✓
FLY	✓	✓	✓	✓	✓	
FOCUS Family	✓	✓	✓	✓	✓	
IS40 Family	✓	✓		✓	✓	✓
IXIO Family	✓	✓	✓	✓	✓	
JAMB CAM	✓	✓	✓	✓	✓	
KEYPADS		✓	✓	✓	✓	
LE-21 / MC-25 <i>(see note 1)</i>	✓	✓	✓	✓	✓	
LED SIGNAL LIGHTS		✓	✓	✓	✓	✓
LO21 Family	✓	✓	✓	✓	✓	
LZR-H100, I30, S600, U92x	✓	✓		✓		
LZR-FLATSCAN Family	✓	✓	✓	✓	✓	
LZR-MICROSCAN T	✓	✓	✓	✓	✓	
LZR-WIDESCAN	✓	✓		✓	✓	
MAGIC SWITCH Family	✓	✓	✓	✓	✓	
CABINET LOCK		✓	✓	✓	✓	
UL MAGLOCKS / UL GATELOCKS		✓				
non-UL MAGLOCKS		✓	✓	✓	✓	
914 SOUNDER	✓	✓	✓	✓	✓	
MATRIX Family <i>(see note 2)</i>	✓	✓		✓	✓	✓
PHOENIX EX Family	✓	✓		✓	✓	✓
MICROCELL ONE	✓	✓	✓	✓	✓	
PIEZO BUTTON	✓	✓	✓	✓	✓	
PROXIMO Family	✓	✓	✓	✓	✓	
QUADSCAN	✓	✓	✓	✓	✓	
R2E-100		✓				
SPARROW	✓	✓	✓	✓	✓	
SUPERSCAN-T	✓	✓	✓	✓	✓	
ULTIMO	✓	✓	✓	✓	✓	
VIO Family	✓	✓	✓	✓	✓	
WIRELESS Family	✓	✓	✓	✓	✓	

Note 1: product must be set for 24V

Note 2: only applicable to "1224" versions of product