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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

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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



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	✓	✓	✓	✓	✓	✓
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