

PULS**Industrial DIN Rail power supply****RoHS**
Compliance**Your industrial power supply for Allied Vision cameras**

The PULS high-quality switching power supply with spring clamps and DIN-Rail mounting is ideal for all industrial applications of Allied Vision cameras. It provides 24 VDC industrial power without shutdown if overloaded. Due to its small size and low mass it is ideal for space-critical applications.

Highlights

- Input voltage 100-240 VAC, 50-60 Hz
- Output voltage 24 VDC (30 W or 50 W)
- Spring clamps for easy and fast connection
- Designed for top-hat rail (DIN Rail) snap mounting
- Very small size
- PULS Overload Design™ (continuous operation without shutdown)

Technical Specifications

Feature	30 W Version	50 W Version
Input voltage	100-240 VAC, 50-60 Hz	
Output voltage	24-28 VDC (preset 24.5 V) (Fig. 1)	
Permissible Load I_{out}	up to 1.3 A	up to 2.1 A
Power	30 W	50 W
Ambient Temperature	-10°C to +60°C (full nominal load; Fig. 2)	
Size (L x W x H)	45 x 75 x 91 mm + DIN Rail	
Mass	240 g	
Degree of protection	IP20 (IEC60529)	
Standards, certifications	CE (in compliance with EMC directive and low-voltage directive) NEC Class 2 Power Supply (Hazardous Location Class I Div. 2 (UL 1604))	
Safety, protection	Protection class I (EN 60950) Separated extra low voltage SELV (EN 60950, VDE 0100 Part 410) PELV (EN 50178)	
Available accessories	Cable with 8-pin connector for Guppy	Cable with 12-pin connector for Pike, Marlin, Oscar, Dolphin
	<p>Fig. 1: V_{out} vs. I_{out} (min.)</p> <p>Fig. 2: Derating</p>	<p>Fig. 1: V_{out} vs. I_{out} (min.)</p> <p>Fig. 2: Derating</p>

Order number:

Power supply 24 V DC, 30 W	top-hat rail (DIN Rail) snap mounting	K3100024
Power supply 24 V DC, 50 W	top-hat rail (DIN Rail) snap mounting	K3100023

Available accessories

I/O cable	8-pin Hirose female to open end, 2.0 m, Guppy	E1000842
I/O cable	8-pin Hirose female to open end, 5.0 m, Guppy	E1000843
I/O cable	12-pin Hirose female to open end, 2.0 m, Dolphin / Marlin / Oscar / Pike	E1000746
I/O cable	12-pin Hirose female to open end, 5.0 m, Dolphin / Marlin / Oscar / Pike	E1000786