

# Catalogue No: 1606-XLP50E

## POWER SUPPLY COMPACT 1PH 100-240VAC TO 24-28VDC 50W 2.1A

Power Distribution and Protection > Power Supplies and Transformers > Switched Mode Power Supplies > Allen-Bradley Switched Mode Power Supplies > Bulletin 1606-XLP Compact Series > 1606-XLP Compact Series, 1-Phase Input



Representative Photo Only  
(actual product may vary based on configuration selections)

Power supply, 50 W, 24-28 V DC, 2.1 A

- Efficient power supplies which minimise heat output and reduce associated running costs
- Redundancy module options allow for backup power in critical applications
- The compact footprint maximises usable space with the panel

### SPECIFICATIONS

Product Series	Bul. 1606-XLP
Component Type Power Distribution & Protection	Switched Mode Power Supply
Input Type	AC: 1-Phase
Input Frequency, Nom	50 / 60 Hz
Input Frequency, Min	47 Hz
Input Frequency, Max	63 Hz
Input Voltage, AC, Min	100 V AC min
Input Voltage, AC, Max	240 V AC max
Input Voltage, DC, Min	85 V DC min
Input Voltage, DC, Max	375 V DC max
In, Nominal Current	0.6 A
Inrush Current, Max	18 A
Un, Nominal Voltage, AC, L-L	230 V AC
Indicator Type	LED
Output Voltage, DC, Min	24 V DC min
Output Voltage, DC, Max	28 V DC max
Output Current, Rated (rms)	2.1 A
Output Current, 24V DC	2.1 A @24V DC
Output Current, 28V DC	1.8 A @28V DC
Pout, Real, Rated W	50 W
Ripple Voltage, P-P, Max	50 mVpp
Hold-Up Time, Min	17 ms
MTBF, Mean Time Before Failure, Min	600000 hours
Efficiency, Electrical, Min	88.5 %
Mounting	DIN-35 Rail Mount
IP Rating	IP20
Operating Temperature, Min	-10 °C min
Operating Temperature, Max	70 °C max

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Storage Temperature, Min	-40 °C min
Storage Temperature, Max	85 °C max
Height	75 mm
Width	45 mm
Depth	91 mm
Weight	0.24 kg
Standards Compliance	UL 508 IEC 60950 EN 60950 EN 50178
Certifications	CE

### REFERENCES

IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-