

## POWER SUPPLY 1-PHASE, 5 V DC MINILINE SERIES

ML15.241 PULS PSU 15W 24-28VDC

- Output current 3 A and 5 A
- Up to 80% efficiency
- AC and dc input voltage
- Width of 22.5 mm
- 5 V, 12 V and 24 V DC options



**PULS** 

## PRODUCT DESCRIPTION

3 A model included in Pulse series Mini Line 2 is the latest development series of small power supplies with very compact dimensions and low weight. The units have high efficiency, low EMC interference and good protection against mains transients. This makes them useful in almost all electrical environments and are a great addition to the earlier Mini Line series.

Very low quiescent current and high efficiency even at loads down to 60% makes the aggregates at a good energy and environmental choices.

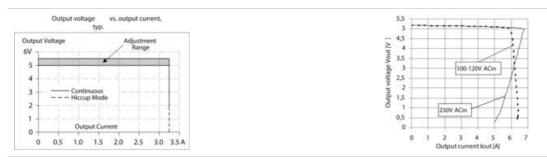
5 A model is included in the earlier series Miniline having a very proven design and spring terminals for the best connection.

For good cooling free space of 40 mm above and 20 mm under the power supply is recommended. The sides 0 mm unless neighbouring products are a heat source, for example, a power supply unit. Leave then a 15 mm air gap

#### Output characteristics

### ML15.051 (3 A)

ML30.101 (5A)



# SPECIFICATIONS

Input voltage range	Wide-range
Number of phases	1
Input voltage AC	100-240 V
Input voltage ac min	85 V AC
Input voltage ac max	264 V AC

Input voltage OC10-300 VInput voltage dram80 VDCInput voltage drams50 VDCInrush current at 20 Vac typical3AInvash current at 20 Vac typical0.91Power Factor at 200 VAC, full load. Typical0.94Stepply Frequency0.80 APower Consumption At 120 VAC0.28 APower Supply24 VDCOutput voltage min24 VDCOutput voltage min24 VDCOutput voltage min0.83 APower Reduction Of 60 To 70 °C0.80 APower Reduction Of 60 To 70 °C0.80 APower Reduction Of 60 To 70 °C0.91 °CInferience At 200 VAC, full load. Typical0.92 °CPower Reduction Of 60 To 70 °C0.81 °CFeferience At 200 VAC, full load. Typical0.91 °CFeferience At 200 VAC, full load. Typical0.92 °CFeferience At 200 VAC, full load. Typical0.92 °CFeferience At 200 VAC, full load. Typical0.92 °CFefficience At 200 VAC, full load. Typical0.92 °CFeferience At 200 VAC, full load. Typical0.92 °C </th <th></th> <th></th>		
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Lifetime at 230 V ac, full load and +40°C 196000 h   MTBF (IEC 61709) 230 V AC, Maximum Load, 40° 369000 h   V 2,5 mm   Width 22,5 mm   Height 75 mm   Depth 91 mm   Weight 0,13 kg	Efficiency At 230 V AC, full load. Typical	85,1 %
MTBF (IEC 61709) 230 V AC, Maximum Load, 40°369000 hKidth22,5 mmMidth22,5 mmHeight75 mmDepth91 mmWeight0,13 kg	Lifetime at 120 V ac, full load and +40 ° C	200000 h
CWidth22,5 mmHeight75 mmDepth91 mmWeight0,13 kg	Lifetime at 230 V ac, full load and +40 ° C	196000 h
Height 75 mm   Depth 91 mm   Weight 0,13 kg		4369000 h
Depth 91 mm   Weight 0,13 kg	Width	22,5 mm
Weight 0,13 kg	Height	75 mm
	Depth	91 mm
Clamp type Screw on	Weight	0,13 kg
	Clamp type	Screw on

Series	Miniline
Approvals	ABS, CB, CE, CSA, GL, NEC Class 2, UL
Material Protection	ABS plastic
Hold-up time at 120 V AC, full load. Typical.	47 ms
Hold-up time at 230 V AC, full load. Typical.	196 ms
IP Class	IP20
Active Transient	Yes

