

POWER SUPPLY 1-PHASE, 24 V DC MINILINE SERIES

ML100.100
PULS PSU 100W 24-28VDC

- Output current 4.2 A
- Up to 90% efficiency
- Spring connection
- Proven design



PRODUCT DESCRIPTION

The Pulse Series Miniline is characterized by compact dimensions, reliability and long service life with high efficiency, resulting in low power loss and low temperature in the cabinet. The units have very small building dimensions in relation to power, which saves space.

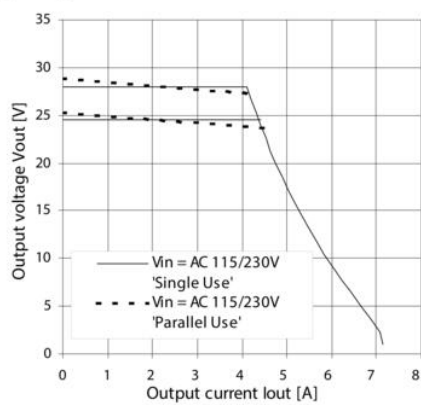
The ML100.100 can be connected in parallel and automatically switches the connection voltage.

SPECIFICATIONS

Input voltage range	Auto-select
Number of phases	1
Input voltage AC	100-120, 220-240 V
Input voltage ac min	85 V AC
Input voltage ac max	264 V AC
Input voltage DC	290 V
Input voltage dc min	220 V DC
Input voltage dc max	375 V DC
Inrush current at 120 V ac typical	22 A
Inrush current at 230 V ac typical	37 A
Power Factor at 120 V AC, full load. Typical	0,55
Power Factor at 230 V AC, full load. Typical	0,55
Supply Frequency	50-60 ±6 %

Power Consumption At 120 V AC	2,1 A
Power Consumption At 230 V AC	1 A
Type Power Supply	AC-DC
Output voltage	24 V DC
Output voltage min	24 V DC
Output voltage max	28 V DC
Output Current	4,2 A
Effect	100 W
Power Reduction Of 60 To 70 ° C	2,5 W/°C
Ripple. max	50 mV pp
Temperature Range Without Derating From	-10 °C
Temperature Range Without Derating To	60 °C
Efficiency At 230 V AC, full load. Typical	90 %
MTBF (IEC 61709) 230 V AC, Maximum Load, 40 ° C	500000 h
Width	73 mm
Height	75 mm
Depth	103 mm
Weight	0,36 kg
Clamp type	Spring-clamp
Series	Miniline
Approvals	CB, CE, CSA, GL, UL
Material Protection	ABS plastic
Hold-up time at 120 V AC, full load. Typical.	20 ms
Hold-up time at 230 V AC, full load. Typical.	40 ms
IP Class	IP20

Output characteristic V_{out} / I_{out}
(min.)



Efficiency
(@ $V_{out} = 24.5V$, typ.)

