POWER SUPPLY 2-PHASE, 24 V DC MINILINE SERIES

ML90.200
PSU 3PH 380-480V ac I/P 24V dc 3.75A 90W O/P



- Output current of 4.2 A or 3.75 A
- 2-phase supply
- Compact dimensions
- Efficiency up to 90 %
- 380-480 V ac

PRODUCT DESCRIPTION

The ML100.200 is a simple and cost effective approach to convert the ac voltage of a typical three phase system into a regulated dc voltage. It only requires two phases and thereby saves terminal space, terminal cost, wires, fuses and installation time.
The ML100.200 is very compact, high efficient and easy to use. The input is internally protected, which makes external fuses unnecessary in many cases. Weighing only 360g, it is a lightweight compared to the 50/60Hz control transformers, which are commonly used for low-power control voltages where a neutral wire is not available.
High immunity to transients and power surges as well as low electromagnetic emission makes usage in nearly every environment possible.

For approved cooling, free space of 40 mm above and 20 mm under is recommended.
If adjacent components on the rail radiate heat, free space of 15 mm is recommended at all sides.

SPECIFICATIONS

Approvals	CB, CE, CSA, GL, NEC Class 2, UL
Depth	103
Effect	90
Efficiency At 400 V AC, full load. Typical	89.5
Height	75
Hold-up time at 400 V AC, full load. Typical.	52
Input voltage AC	380-480 V
Input voltage ac max	552
Input voltage ac min	323
Input voltage range	Wide-range
Inrush current at 400 V ac typical	36
IP Class	IP20
MTBF (IEC 61709) 400 V ac, max loan, +40 °C	1594000

Number of phases	2
Output Current	3.75
Output voltage	24
Output voltage max	28
Output voltage min	24
Power consumption at 400 V ac	0.42
Power Factor at 400 V AC, full load. Typical	0.6
Power Reduction Of 60 To 70 ° C	2
Ripple. max	50
Series	Miniline
Supply Frequency	50-60 ±6 %
Temperature Range Without Derating From	-10
Temperature Range Without Derating To	60
Weight	0.36
Width	72.5





