



**30 Amp - Three Phase 19" Horizontal Power Distribution Unit
Model TP161-180-1039TL**



Three Phase, 30 Amp, 120/208V WYE input, Power Distribution Unit with eighteen 20 Amp receptacles (5-20R) and L21-30P twist-lock plug.

Standard features include one main power switch, 2 breakers per phase, switch-guards, 7 high quality power on LEDs, 10' cord with a L21-30P Twist-lock plug, removable mounting brackets for front or rear mounting. A 19", 2U high, quality black powder coated metal housing. These heavy-duty units are designed and manufactured in the USA.

Approvals: UL,cUL Listed 60950

Installation:

- 1) Mount unit to rack with appropriate hardware (not provided)
- 2) Plug unit into appropriately rated receptacle (NEMA L21-30R)
- 3) Plug in devices to be powered by the unit. Device power switches should be in the 'OFF' position.
- 4) This unit is equipped with power switches. Turn on power switches.
- 5) Turn on power switches of devices to be powered by the PDU. Sequential power up is recommended to avoid overloading the PDU due to high inrush currents on some devices.

Warning

Some devices have a high in-rush current upon power up. Powering up several of these devices simultaneously can lead to exceeding the rated current of the circuit breaker. See installation instructions above.

High voltage is present inside the PDU. Do not attempt to open the PDU. No user serviceable parts inside.

Operation

It is recommended that power be removed from the unit before installing or removing any equipment.

This PDU contains six internal circuits. Each circuit has maximum capacity of 20 amps. Each Phase has a maximum capacity of 30 amps. The circuit breakers control corresponding receptacles, as marked on the unit. To ensure that power is removed from the entire PDU, the power cord must be disconnected.

Receptacle Ratings	NEMA 5-20R	125 Volts, 20 Amps
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Service and Maintenance

No service or maintenance is required. Do not attempt to open the unit. No user serviceable parts inside.

Notes

Elevated Operating Ambient – If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient. Consideration should be given to installing the equipment in an environment compatible with the maximum rated ambient temperature of 50°C.

Reduced Air Flow – Installation of the equipment in a rack should be such that the amount of airflow required for safe operation of the equipment is not compromised.

Mechanical Loading – Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.

Circuit Overloading – Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the circuits might have on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.

Reliable Earthing – Reliable earthing of rack-mounted equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch circuit.

Permanently Connected Equipment – A readily accessible disconnect device shall be incorporated in the building installation.

Service Personnel – Only service personnel should install and access the PDU