



THREE PHASE DISTRIBUTION

KEY FEATURES

- Ω 32A MCB Mains Isolator
- Ω 12x 16A / 30mA Type A RCBO
- Ω 6x PowerCON & 6x TrueCON
- Ω 2m 5core 6mm² RV-K High Flex Supply Cable
- Ω Optional 3Ø loop out Tail
- Ω 32A 56 Series or CeeForm Plug (& Socket)
- Ω 19" 3RU 300mm 1.2mm / 2.0mm Zinc Anneal finished in hard wearing textured powder coat
- Ω Indelible colour markings for easy identification
- Ω Full Quality Control with component Serial Number tracking

ELECTRICAL

Input

- Ω 32A MCB Mains Isolator
- Ω 3Ø + N + PE
- Ω 220-240 / 380-415V
- Ω 50-60 Hz
- Ω 2m, 5core 6mm² RV-K High-Flex tail with either
 - Ω 32A 56 Series
 - Ω 32A CeeForm connector

Output

- Ω 6 x PowerCon
- Ω 6 x TrueCON

Optional

- Ω 3 Phase Loop-Out Includes 32A RCBO with either
 - Ω 32A 56 Series
 - Ω 32A CeeForm connector

PHYSICAL

	Nett	Gross
Height:	133mm (3RU)	155mm
Width:	483mm (19")	550mm
Depth:	300mm	550mm
Weight:	12.0kg	13.5kg
Weight (Loop Out):	13.4kg	14.9kg

DESCRIPTION

The OmegaTech Power Distribution Unit (PDU) is designed for fixed or mobile applications where three phase to single phase socket outlet power distribution is required. OmegaTech offers a variety of custom configurations to suit individual requirements.

ELECTRICAL

All units feature individual Residual Current Breaker with Over Current protection (RCBO) per circuit as well as a mains isolating switch. An available option is a 3 phase loop out tail with either RCBO or MCB which is a first in a 19" rack distribution format. All units include comprehensive input power monitoring display, which turns on prior to main breaker, meaning any untoward power situations can be identified before potential damage to equipment is caused.

MECHANICAL

The Power Distribution Unit is designed to rack mount in a standard 19" equipment rack. Dimensions are 480mm (19") wide x 300mm deep x 133mm high (3RU). The PDU requires no external ventilation, which eliminates fan noise.

The chassis is constructed of 1.2 mm steel and fascias from 2.0mm steel. Metal surfaces are zinc treated and finished in a signature, hard wearing, off black textured hammertone which resists scratches or marks. Full colour labeling (including the option of client logo) is achieved through indelibly etched UV-cured ink.

COMPLIANCE

All OmegaTech products are built to comply with Australian Regulations including:

AS/NZS 3002:2021 — Electrical Installations — Shows and carnivals

AS/NZS 4249:2022 — Electrical Installations — Film, video and television sites

AS/NZS 4417:2020 — RCM/EESS Responsible Supplier in the Electrical Equipment Safety System

AS/NZS 61439:2016 — Australian Standards for low-voltage switchgear and control gear assemblies

MODELS

OTS-PDU-PT-M	3 $\emptyset$ Power Distribution: 32A MCB Mains Isolator; 12x 16A RCBO; 6x PowerCON; 6x TrueCON; Advanced Power Monitoring; Super Flexible 6mm ² 2m Supply Cable w/ 56 Series Plug
OTS-PDU-PT-ML	3 $\emptyset$ Power Distribution: 32A MCB Mains Isolator; 12x 16A RCBO; 6x PowerCON; 6x TrueCON; Advanced Power Monitoring; Super Flexible 6mm ² 2m Supply & 0.5m Loop Output Cable w/ 56 Series Plug & Socket
OTS-PDU-PT-M-CF	3 $\emptyset$ Power Distribution: 32A MCB Mains Isolator; 12x 16A RCBO; 6x PowerCON; 6x TrueCON; Advanced Power Monitoring; Super Flexible 6mm ² 2m Supply Cable w/ CeeForm Plug
OTS-PDU-PT-ML-CF	3 $\emptyset$ Power Distribution: 32A MCB Mains Isolator; 12x 16A RCBO; 6x PowerCON; 6x TrueCON; Advanced Power Monitoring; Super Flexible 6mm ² 2m Supply & 0.5m Loop Output Cable w/ CeeForm Plug & Socket

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