TECHNICAL SPECIFICATIONS
V3.01

OMEGAΩTECH
OTS-PDU-3PH-C2-M











THREE PHASE DISTRIBUTION

KEY FEATURES

- Ω 32A or 63A 3Ø MCB Mains Isolator
- Ω 3x 3Ø 32A / 30mA Type A RCBO
- Ω 1x 10A / 30mA Type A RCBO
- Ω 1x 32A 56 Series Sockets
- Ω 2x 32A CeeForm Sockets
- Ω 1x 10A Australian GPO Convenience Socket
- Ω 2m 5core 6mm² or 10mm² RV-K High Flex Supply Cable
- Ω 32A 56 Series or CeeForm Plug
- 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 or 63A 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 3Ø 56 Series Plug
  - Ω 32A 3Ø CeeForm Plug
  - Ω 63A 3Ø CeeForm Plug

Output

- Ω 1x 32A 3Ø 56 Series Socket
- Ω 2x 32A 3Ø CeeForm Socket
- Ω 1 x 10A Australian GPO Socket

PHYSICAL	Nett	Gross
Height:	133mm (3RU)	155mm
Width:	483mm (19")	550mm
Depth:	300mm	550mm
Weight:	12.2kg	13.7kg

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THREE PHASE DISTRIBUTION

DESCRIPTION

The OmegaTech Power Distribution Unit (PDU) is designed for fixed or mobile applications where three phase power is required to be split to multiple three phase outlets. 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. 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-3PH-C2-M	**3Ø Rack Mount Splitter: 32A MCB Mains Isolator; 3x 32A 3Ø & 1x 10A RCBO; 1x 32A 3Ø 56 Series, 2x 32A 3Ø CeeForm & 1x 10A GPO Outlets; Advanced Power Monitoring; Super Flexible 6mm² 2m Supply Cable w/ 32A 56 Series Plug**
OTS-PDU-3PH-C2-M-CF	**3Ø Rack Mount Splitter: 32A MCB Mains Isolator; 3x 32A 3Ø & 1x 10A RCBO; 1x 32A 3Ø 56 Series, 2x 32A 3Ø CeeForm & 1x 10A GPO Outlets; Advanced Power Monitoring; Super Flexible 6mm² 2m Supply Cable w/ 32A CeeForm Plug**
OTS-PDU-3PH-C2-M-HD	**3Ø Rack Mount Splitter: 63A MCB Mains Isolator; 3x 32A 3Ø & 1x 10A RCBO; 1x 32A 3Ø 56 Series, 2x 32A 3Ø CeeForm & 1x 10A GPO Outlets; Advanced Power Monitoring; Super Flexible 6mm² 2m Supply Cable w/ 63A CeeForm Plug**