



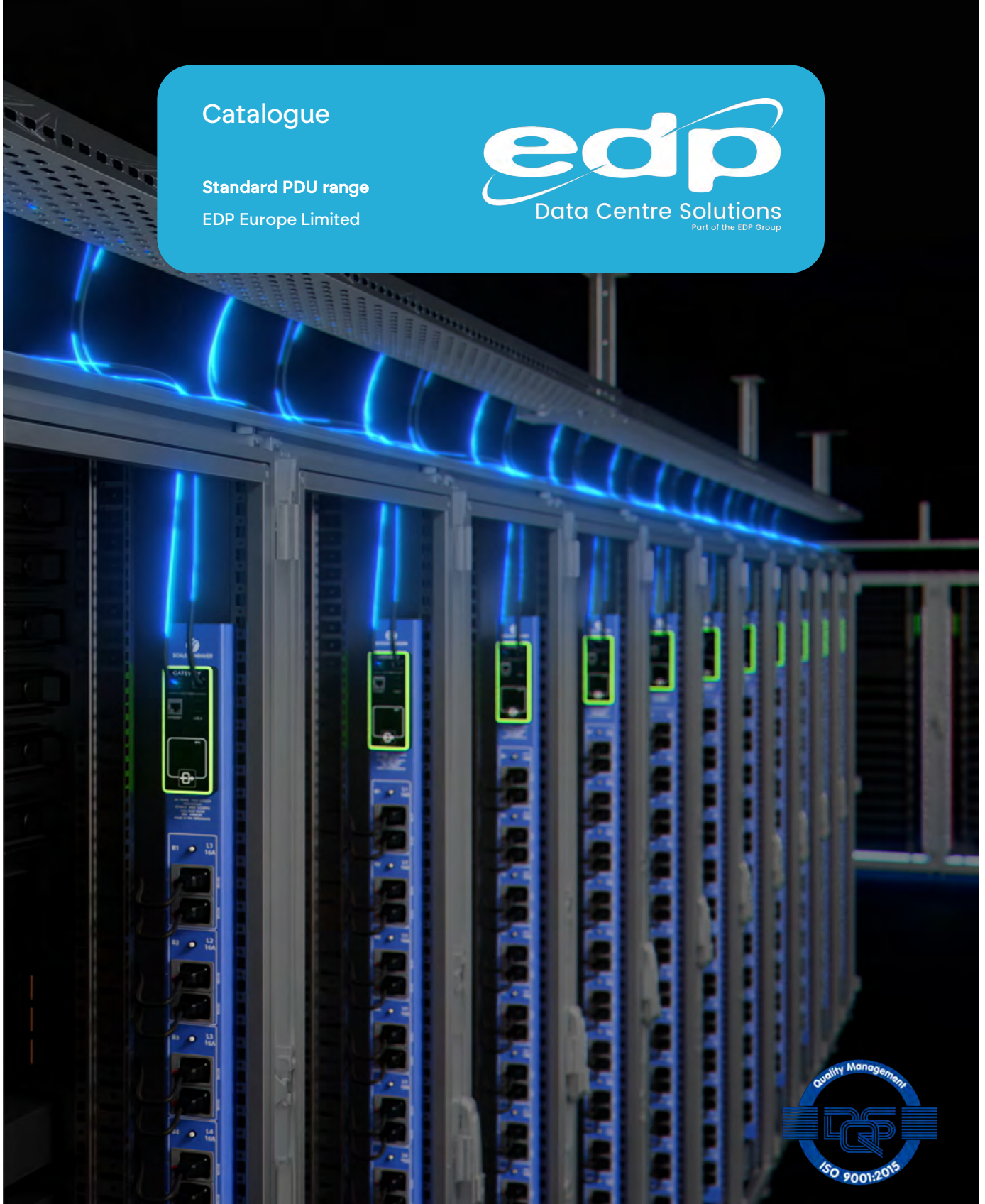
SCHLEIFENBAUER

Catalogue

Standard PDU range

EDP Europe Limited

edp
Data Centre Solutions
Part of the EDP Group



41B3VNN1101

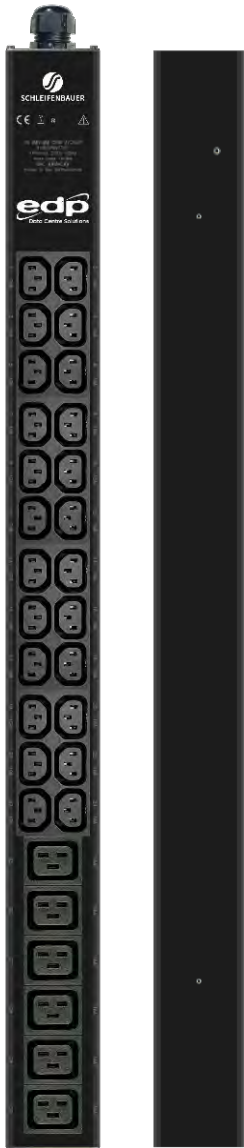
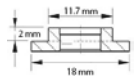
BASIC PDU

1. Offer summary

- vertical PDU (0 U)
- single phase 16 A
- basic
- 30 outlets

SPECIFICATIONS

| | |
|--------------|---|
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) |
| DIMENSIONS | L x W x D = 765 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) |
| MOUNT | Toolless mount buttons (brackets not included) (distance=533, positions=115.8, 649.2mm) |
| POWER INPUT | single phase 16 A, 230VAC - 50Hz |
| CABLE ENTRY | power entry side-cover top |
| CABLE & PLUG | Power lead (3G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm) |
| OUTLETS | 6 x IEC 60320 C19, 24 x IEC 60320 C13 |
| FUSES | n/a |



BD2FVNN3101

BASIC PDU

2. Offer summary

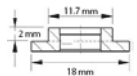
- vertical PDU (0 U)
- three phase 16 A
- basic
- 30 outlets

SPECIFICATIONS

ENCLOSURE Profile color black, aluminium with stainless steel covers (IP20)

DIMENSIONS L x W x D = 825 x 65 x 52.5 mm (0U)
(excl. strain relief, mounting & cable bending radius)

MOUNT Toolless mount buttons (brackets not included)
(distance=533, positions=145.8, 679.2mm)



POWER INPUT three phase 16 A, 230/400V - 50Hz

CABLE ENTRY power entry side-cover top

CABLE & PLUG Power lead (5G2,5 halogenfree) with CEE plug 3,0m
(strain relief height 2,5cm)



OUTLETS 24 x IEC 60320 C13 , 6 x IEC 60320 C19

FUSES n/a



BAB7VNN1321

BASIC PDU

3. Offer summary

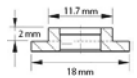
- vertical PDU (0 U)
- single phase 32 A
- basic
- 30 outlets

SPECIFICATIONS

ENCLOSURE Profile color black, aluminium with stainless steel covers (IP20)

DIMENSIONS L x W x D = 840 x 65 x 52.5 mm (0U)
(excl. strain relief, mounting & cable bending radius)

MOUNT Toolless mount buttons (brackets not included)
(distance=533, positions=153.3, 686.7mm)



POWER INPUT single phase 32 A, 230VAC - 50Hz

CABLE ENTRY power entry side-cover top

CABLE & PLUG Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)



OUTLETS 24 x IEC 60320 C13 , 6 x IEC 60320 C19

FUSES 2 x Thermal breaker 16A (ETA)



E17FVNN3361

BASIC PDU

4. Offer summary

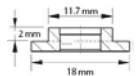
- vertical PDU (0 U)
- three phase 32 A
- basic
- 30 outlets

SPECIFICATIONS

ENCLOSURE Profile color black, aluminium with stainless steel covers (IP20)

DIMENSIONS L x W x D = 1000 x 65 x 52.5 mm (0U)
(excl. strain relief, mounting & cable bending radius)

MOUNT Toolless mount buttons (brackets not included)
(distance=800, positions=100.0, 900.0mm)



POWER INPUT three phase 32 A, 230/400V - 50Hz

CABLE ENTRY power entry side-cover top

CABLE & PLUG Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm)



OUTLETS 24 x IEC 60320 C13 , 6 x IEC 60320 C19

FUSES 6 x Thermal breaker 16A (ETA)





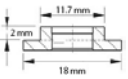

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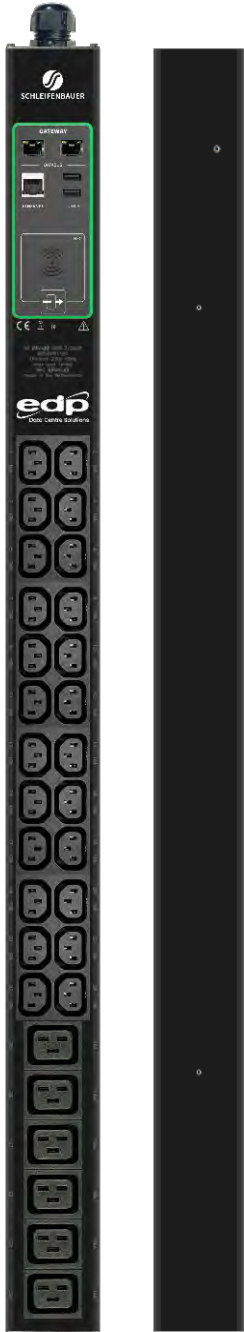
METERED PDU 5.0 GATEWAY

5. Offer summary

- vertical PDU (0 U)
- single phase 16 A
- metered input
- 30 outlets

SPECIFICATIONS

| | | |
|----------------|---|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 895 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | Toolless mount buttons (brackets not included) (distance=533, positions=180.8, 714.2mm) |  |
| POWER INPUT | single phase 16 A, 230VAC - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (3G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm) |  |
| INPUT METERING | voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 6 x IEC 60320 C19, 24 x IEC 60320 C13 | |
| FUSES | n/a | |



1 Phase 16 ampere 3.6 kVA

| Features | Metering per phase | Branch Metering | Outlet Metering | Outlet Switching |
|--------------|--------------------|-----------------|-----------------|------------------|
| Intelligence | ✓ | | | |



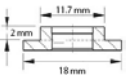

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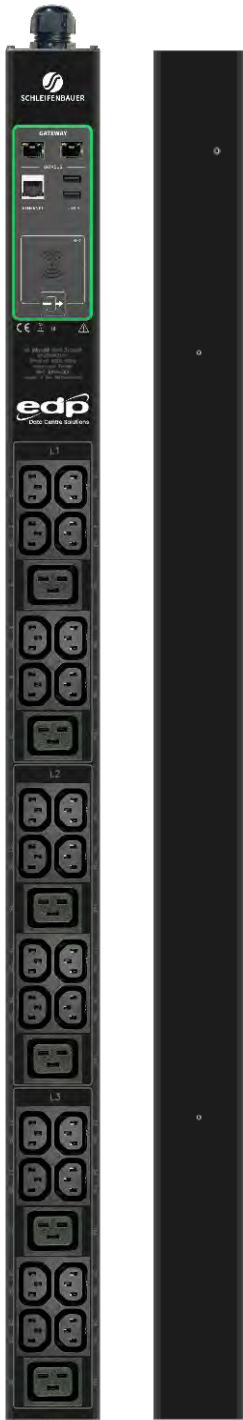
METERED PDU 5.0 GATEWAY

6. Offer summary

- vertical PDU (0 U)
- three phase 16 A
- metered input
- 30 outlets

SPECIFICATIONS

| | | |
|----------------|---|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 955 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | Toolless mount buttons (brackets not included) (distance=533, positions=210.8, 744.2mm) |  |
| POWER INPUT | three phase 16 A, 230/400V - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (5G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm) |  |
| INPUT METERING | voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 24 x IEC 60320 C13 , 6 x IEC 60320 C19 | |
| FUSES | n/a | |



3 Phase 16 ampere 11 kVA

| Features | Metering per phase | Branch Metering | Outlet Metering | Outlet Switching |
|--------------|--------------------|-----------------|-----------------|------------------|
| Intelligence | ✓ | | | |



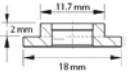

F673VMN1323

BRANCH METERED PDU 5.0 GATEWAY

7. Offer summary

- vertical PDU (0 U)
- single phase 32 A
- metered inputs
- metered branches (2x)
- 30 outlets

SPECIFICATIONS

| | | |
|-----------------|---|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 970 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | Toolless mount buttons (brackets not included) (distance=533, positions=218.3, 751.7mm) |  |
| POWER INPUT | single phase 32 A, 230VAC - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm) |  |
| BRANCH METERING | 2 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 24 x IEC 60320 C13 , 6 x IEC 60320 C19 | |
| FUSES | 2 x Thermal breaker 16A (ETA) | |



1 Phase 32 ampere 7.4 KVA

| Features | Metering per phase | Branch Metering | Outlet Metering | Outlet Switching |
|--------------|--------------------|-----------------|-----------------|------------------|
| Intelligence | ✓ | ✓ | | |



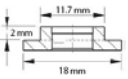

C672VIN3361

METERED PDU 5.0 GATEWAY

8. Offer summary

- vertical PDU (0 U)
- three phase 32 A
- metered input
- 30 outlets

SPECIFICATIONS

| | | |
|----------------|---|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 1130 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | Toolless mount buttons (brackets not included) (distance=800, positions=165.0, 965.0mm) |  |
| POWER INPUT | three phase 32 A, 230/400V - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm) |  |
| INPUT METERING | voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 24 x IEC 60320 C13 , 6 x IEC 60320 C19 | |
| FUSES | 6 x Thermal breaker 16A (ETA) | |



3 Phase 32 ampere 22 KVA

| Features | Metering per phase | Branch Metering | Outlet Metering | Outlet Switching |
|--------------|--------------------|-----------------|-----------------|------------------|
| Intelligence | ✓ | | | |



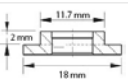

2000VMM1323

MONITORED PDU 5.0 GATEWAY

9. Offer summary

- vertical PDU (0 U)
- single phase 32 A
- metered inputs
- metered branches (2x)
- metered outlets
- 24 outlets

SPECIFICATIONS

| | | |
|-----------------|---|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 1120 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | Toolless mount buttons (brackets not included) (distance=800, positions=160.0, 960.0mm) |  |
| POWER INPUT | single phase 32 A, 230VAC - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm) |  |
| BRANCH METERING | 2 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 20 x IEC 60320 C13 , 4 x IEC 60320 C19 | |
| METERED OUTLETS | 24 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%) | |
| FUSES | 2 x Thermal breaker 16A (ETA) | |

1 Phase 32 ampere 7.4 KVA

| Features | Metering per phase | Branch Metering | Outlet Metering | Outlet Switching |
|--------------|--------------------|-----------------|-----------------|------------------|
| Intelligence | ✓ | ✓ | ✓ | |



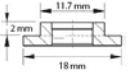

036EVIS1101

SWITCHED PDU 5.0 GATEWAY

10. Offer summary

- vertical PDU (0 U)
- single phase 16 A
- metered input
- switched outlets
- 24 outlets

SPECIFICATIONS

| | | |
|------------------|---|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 1130 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | Toolless mount buttons (brackets not included) (distance=800, positions=165.0, 965.0mm) |  |
| POWER INPUT | single phase 16 A, 230VAC - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (3G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm) |  |
| INPUT METERING | voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 20 x IEC 60320 C13 , 4 x IEC 60320 C19 | |
| SWITCHED OUTLETS | 24 times bistable near zero crossing switching relays | |
| FUSES | n/a | |

1 Phase 16 ampere 3.6 kVA

| Features | Metering per phase | Branch Metering | Outlet Metering | Outlet Switching |
|--------------|--------------------|-----------------|-----------------|------------------|
| Intelligence | ✓ | | | ✓ |



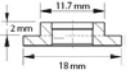

3BF6VIS3101

SWITCHED PDU 5.0 GATEWAY

11. Offer summary

- vertical PDU (0 U)
- three phase 16 A
- metered input
- switched outlets
- 30 outlets

SPECIFICATIONS

| | | |
|------------------|---|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 1405 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | Toolless mount buttons (brackets not included) (distance=1066, positions=169.1, 1235.9mm) |  |
| POWER INPUT | three phase 16 A, 230/400V - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (5G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm) |  |
| INPUT METERING | voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 24 x IEC 60320 C13 , 6 x IEC 60320 C19 | |
| SWITCHED OUTLETS | 30 times bistable near zero crossing switching relays | |
| FUSES | n/a | |

3 Phase 16 ampere 11 kVA

| Features | Metering per phase | Branch Metering | Outlet Metering | Outlet Switching |
|--------------|--------------------|-----------------|-----------------|------------------|
| Intelligence | ✓ | | | ✓ |



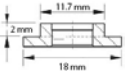

E44BVMS1323

SWITCHED PDU 5.0 GATEWAY

12. Offer summary

- vertical PDU (0 U)
- single phase 32 A
- metered inputs
- metered branches (2x)
- switched outlets
- 30 outlets

SPECIFICATIONS

| | | |
|------------------|---|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 1435 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | Toolless mount buttons (brackets not included) (distance=1066, positions=184.1, 1250.9mm) |  |
| POWER INPUT | single phase 32 A, 230VAC - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm) |  |
| BRANCH METERING | 2 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 24 x IEC 60320 C13 , 6 x IEC 60320 C19 | |
| SWITCHED OUTLETS | 30 times bistable near zero crossing switching relays | |
| FUSES | 2 x Thermal breaker 16A (ETA) | |

1 Phase 32 ampere 7.4 KVA

| Features | Metering per phase | Branch Metering | Outlet Metering | Outlet Switching |
|--------------|--------------------|-----------------|-----------------|------------------|
| Intelligence | ✓ | ✓ | | ✓ |



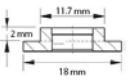

GM 4DAFVMB3366

MANAGED PDU 5.0 GATEWAY

13. Offer summary

- vertical PDU (0 U)
- three phase 32 A
- metered inputs
- metered branches (6x)
- metered outlets
- switched outlets
- 36 outlets

SPECIFICATIONS

| | | |
|------------------|---|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 1870 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | Toolless mount buttons (brackets not included) (distance=1333, positions=268.2, 1601.8mm) |  |
| POWER INPUT | three phase 32 A, 230/400V - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm) |  |
| BRANCH METERING | 6 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 24 x IEC 60320 C13 , 12 x IEC 60320 C19 | |
| METERED OUTLETS | 36 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%) | |
| SWITCHED OUTLETS | 36 times bistable near zero crossing switching relays | |
| FUSES | 6 x Hydraulic-magnetic breaker 16A | |

| Features | Metering per phase | Branch Metering | Outlet Metering | Outlet Switching |
|--------------|--------------------|-----------------|-----------------|------------------|
| Intelligence | ✓ | ✓ | ✓ | ✓ |




206AHIN1101

METERED PDU 5.0 GATEWAY

14. Offer summary

- horizontal PDU
- single phase 16 A
- metered input
- 10 outlets

SPECIFICATIONS

| | | |
|----------------|---|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 440 x 65 x 52.5 mm (1.5 U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | sidecover 19 inch | |
| POWER INPUT | single phase 16 A, 230VAC - 50Hz | |
| CABLE ENTRY | power entry rear-side left | |
| CABLE & PLUG | Power lead (3G2,5 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm) |  |
| INPUT METERING | voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 10 x IEC 60320 C13 | |
| FUSES | n/a | |



1 Phase 16 ampere 3.6 kVA

| Features | Metering per phase | Branch Metering | Outlet Metering | Outlet Switching |
|--------------|--------------------|-----------------|-----------------|------------------|
| Intelligence | ✓ | | | |






98D2VIP1101

INLINE METER 5.0 GATEWAY

15. Offer summary

- vertical PDU (0 U)
- single phase 16 A
- metered input
- inline
- 1 outlets

SPECIFICATIONS

| | | |
|----------------|---|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 280 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | sidecover table mount | |
| POWER INPUT | single phase 16 A, 230VAC - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (3G2,5 halogenfree) with CEE plug 2,0m (strain relief height 2,5cm) |  |
| INPUT METERING | voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 1 x Exit lead (3G2,5 halogenfree) with IEC60309 socket 0,5m | |
| FUSES | n/a | |

1 Phase 16 ampere 3.6 kVA






200CVIP1301

INLINE METER 5.0 GATEWAY

16. Offer summary

- vertical PDU (0 U)
- single phase 32 A
- metered input
- inline
- 1 outlets

SPECIFICATIONS

| | | |
|----------------|---|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 280 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | sidecover table mount | |
| POWER INPUT | single phase 32 A, 230VAC - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (3G6 halogenfree) with CEE plug 2,0m (strain relief height 2,5cm) |  |
| INPUT METERING | voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 1 x Exit lead (3G6 halogenfree) with IEC60309 socket 0,5m | |
| FUSES | n/a | |

1 Phase 32 ampere 7.4 KVA






22D1VIP3101

INLINE METER 5.0 GATEWAY

17. Offer summary

- vertical PDU (0 U)
- three phase 16 A
- metered input
- inline
- 1 outlets

SPECIFICATIONS

| | | |
|----------------|---|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 280 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | sidecover table mount | |
| POWER INPUT | three phase 16 A, 230/400V - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (5G2,5 halogenfree) with CEE plug 2,0m (strain relief height 2,5cm) |  |
| INPUT METERING | voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 1 x Exit lead (5G2,5 halogenfree) with IEC60309 socket 0,5m | |
| FUSES | n/a | |

3 Phase 16 ampere 11 kVA






D803VIP3301

INLINE METER 5.0 GATEWAY

18. Offer summary

- vertical PDU (0 U)
- three phase 32 A
- metered input
- inline
- 1 outlets

SPECIFICATIONS

| | | |
|----------------|---|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 280 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | sidecover table mount | |
| POWER INPUT | three phase 32 A, 230/400V - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (5G6 halogenfree) with CEE plug 2,0m (strain relief height 2,5cm) |  |
| INPUT METERING | voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 1 x Exit lead (5G6 halogenfree) with IEC60309 socket 0,5m | |
| FUSES | n/a | |

3 Phase 32 ampere 22 kVA

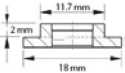

C060VNN1321

BASIC PDU

19. Offer summary

- vertical PDU (0 U)
- single phase 32 A
- basic
- 24 outlets

SPECIFICATIONS

| | | |
|--------------|--|---|
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 1175 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | Toolless mount buttons (brackets not included) (distance=800, positions=187.4, 987.6mm) |  |
| POWER INPUT | single phase 32 A, 230VAC - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm) |  |
| OUTLETS | 24 x IEC 60320 - C13/C15/C19/C21 (IEC Lock) | |
| FUSES | 2 x Hydraulic-magnetic breaker 16A | |



1 Phase 32 ampere 7.4 KVA



F78AVNN3361

BASIC PDU

20. Offer summary

- vertical PDU (0 U)
- three phase 32 A
- basic
- 42 outlets

SPECIFICATIONS

| | | |
|--------------|--|--|
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 1850 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | Toolless mount buttons (brackets not included) (distance=1333, positions=258.2, 1591.8mm) | |
| POWER INPUT | three phase 32 A, 230/400V - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm) | |
| OUTLETS | 42 x IEC 60320 - C13/C15/C19/C21 (IEC Lock) | |
| FUSES | 6 x Hydraulic-magnetic breaker 16A | |

3 Phase 32 ampere 22 kVA

5B37VMN1323



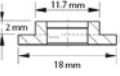

BRANCH METERED PDU 5.0 GATEWAY

21. Offer summary

- vertical PDU (0 U)
- single phase 32 A
- metered inputs
- metered branches (2x)
- 24 outlets



SPECIFICATIONS

| | | |
|-----------------|---|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 1225 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | Toolless mount buttons (brackets not included) (distance=800, positions=212.4, 1012.6mm) |  |
| POWER INPUT | single phase 32 A, 230VAC - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm) |  |
| BRANCH METERING | 2 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 24 x IEC 60320 - C13/C15/C19/C21 (IEC Lock) | |
| FUSES | 2 x Hydraulic-magnetic breaker 16A | |

1 Phase 32 ampere 7.4 KVA

| Features | Metering per phase | Branch Metering | Outlet Metering | Outlet Switching |
|--------------|--------------------|-----------------|-----------------|------------------|
| Intelligence | ✓ | ✓ | | |





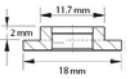

5D92VIN3361

METERED PDU 5.0 GATEWAY

22. Offer summary

- vertical PDU (0 U)
- three phase 32 A
- metered input
- 24 outlets

SPECIFICATIONS

| | | |
|----------------|---|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 1510 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | Toolless mount buttons (brackets not included) (distance=1066, positions=221.6, 1288.4mm) |  |
| POWER INPUT | three phase 32 A, 230/400V - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm) |  |
| INPUT METERING | voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 24 x IEC 60320 - C13/C15/C19/C21 (IEC Lock) | |
| FUSES | 6 x Hydraulic-magnetic breaker 16A | |

3 Phase 32 ampere 22 KVA

| Features | Metering per phase | Branch Metering | Outlet Metering | Outlet Switching |
|--------------|--------------------|-----------------|-----------------|------------------|
| Intelligence | ✓ | | | |





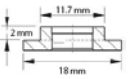

6950VIN3361

METERED PDU 5.0 GATEWAY

23. Offer summary

- vertical PDU (0 U)
- three phase 32 A
- metered input
- 30 outlets

SPECIFICATIONS

| | | |
|----------------|---|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 1570 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | Toolless mount buttons (brackets not included) (distance=1066, positions=251.6, 1318.4mm) |  |
| POWER INPUT | three phase 32 A, 230/400V - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm) |  |
| INPUT METERING | voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 30 x IEC 60320 - C13/C15/C19/C21 (IEC Lock) | |
| FUSES | 6 x Hydraulic-magnetic breaker 16A | |

3 Phase 32 ampere 22 KVA

| Features | Metering per phase | Branch Metering | Outlet Metering | Outlet Switching |
|--------------|--------------------|-----------------|-----------------|------------------|
| Intelligence | ✓ | | | |





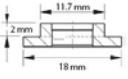

B04EVM3361

MONITORED PDU 5.0 GATEWAY

24. Offer summary

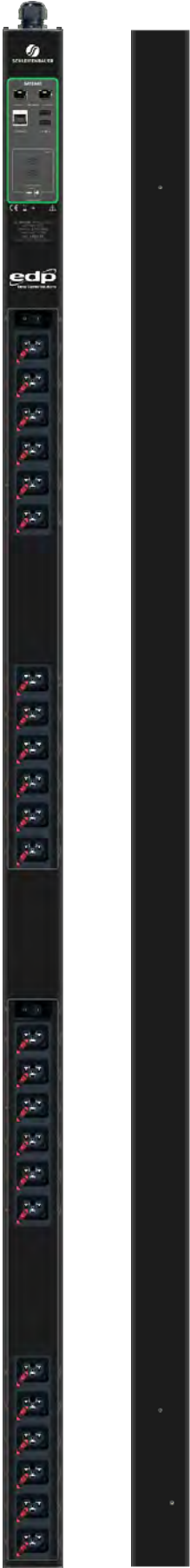
- vertical PDU (0 U)
- three phase 32 A
- metered input
- metered outlets
- 30 outlets

SPECIFICATIONS

| | | |
|-----------------|---|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 1785 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | Toolless mount buttons (brackets not included) (distance=1333, positions=225.8, 1559.2mm) |  |
| POWER INPUT | three phase 32 A, 230/400V - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm) |  |
| INPUT METERING | voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 30 x IEC 60320 - C13/C15/C19/C21 (IEC Lock) | |
| METERED OUTLETS | 30 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%) | |
| FUSES | 6 x Hydraulic-magnetic breaker 16A | |

3 Phase 32 ampere 22 kVA

| Features | Metering per phase | Branch Metering | Outlet Metering | Outlet Switching |
|--------------|--------------------|-----------------|-----------------|------------------|
| Intelligence | ✓ | | ✓ | |





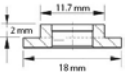

03F7VMS1323

SWITCHED PDU 5.0 GATEWAY

25. Offer summary

- vertical PDU (0 U)
- single phase 32 A
- metered inputs
- metered branches (2x)
- switched outlets
- 24 outlets

SPECIFICATIONS

| | | |
|------------------|---|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 1675 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | Toolless mount buttons (brackets not included) (distance=1333, positions=170.8, 1504.2mm) |  |
| POWER INPUT | single phase 32 A, 230VAC - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (3G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm) |  |
| BRANCH METERING | 2 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 24 x IEC 60320 - C13/C15/C19/C21 (IEC Lock) | |
| SWITCHED OUTLETS | 24 times bistable near zero crossing switching relays | |
| FUSES | 2 x Hydraulic-magnetic breaker 16A | |

1 Phase 32 ampere 7.4 KVA

| Features | Metering per phase | Branch Metering | Outlet Metering | Outlet Switching |
|--------------|--------------------|-----------------|-----------------|------------------|
| Intelligence | ✓ | ✓ | | ✓ |



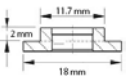

3D89VMB3366

MANAGED PDU 5.0 GATEWAY

26. Offer summary

- vertical PDU (0 U)
- three phase 32 A
- metered inputs
- metered branches (6x)
- metered outlets
- switched outlets
- 30 outlets

SPECIFICATIONS

| | | |
|------------------|---|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 1985 x 65 x 52.5 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| MOUNT | Toolless mount buttons (brackets not included) (distance=1333, positions=325.8, 1659.2mm) |  |
| POWER INPUT | three phase 32 A, 230/400V - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (5G6 halogenfree) with CEE plug 3,0m (strain relief height 2,5cm) |  |
| BRANCH METERING | 6 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 30 x IEC 60320 - C13/C15/C19/C21 (IEC Lock) | |
| METERED OUTLETS | 30 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), power factor, crest factor, total harmonic distortion (%) | |
| SWITCHED OUTLETS | 30 times bistable near zero crossing switching relays | |
| FUSES | 6 x Hydraulic-magnetic breaker 16A | |

3 Phase 32 ampere 22 kVA



| Features | Metering per phase | Branch Metering | Outlet Metering | Outlet Switching |
|--------------|--------------------|-----------------|-----------------|------------------|
| Intelligence | ✓ | ✓ | ✓ | ✓ |

3ABCWMN36C8




BRANCH METERED PDU 5.0 GATEWAY



27. Offer summary

- double vertical PDU
- three phase 63 A
- metered inputs
- metered branches (12x)
- 12 outlets

SPECIFICATIONS

| | | |
|-----------------|--|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software |  |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 1125 x 65 x 105 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| POWER INPUT | three phase 63 A, 230/400V - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (5G10 halogenfree) with CEE plug 3,0m |  |
| BRANCH METERING | 12 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 12 x IEC 60320 - C13/C15/C19/C21 (IEC Lock) | |
| FUSES | 12 x Hydraulic-magnetic breaker 16A | |

3 Phase 63 ampere 43.6 KVA

| Features | Metering per phase | Branch Metering | Outlet Metering | Outlet Switching |
|--------------|--------------------|-----------------|-----------------|------------------|
| Intelligence | ✓ | ✓ | | |



F708WMN36C8

BRANCH METERED PDU 5.0 GATEWAY

28. Offer summary

- double vertical PDU
- three phase 63 A
- metered inputs
- metered branches (12x)
- 30 outlets

SPECIFICATIONS

| | | |
|-----------------|--|---|
| GENERAL | Remote display using smartphone NFC app, up to 100 PDUs share one IP address, ESD safe, toolless hot swappable communications module |  |
| CONNECTIVITY | Gateway Module: dual 1Gbps Ethernet (RJ45/USB), RJ45 daisy chain, USB expansion/sensor • TLS encrypted communication to complimentary Enertree PDU monitoring & management software | |
| ENCLOSURE | Profile color black, aluminium with stainless steel covers (IP20) | |
| DIMENSIONS | L x W x D = 1795 x 65 x 105 mm (0U) (excl. strain relief, mounting & cable bending radius) | |
| POWER INPUT | three phase 63 A, 230/400V - 50Hz | |
| CABLE ENTRY | power entry side-cover top | |
| CABLE & PLUG | Power lead (5G10 halogenfree) with CEE plug 3,0m |  |
| BRANCH METERING | 12 times voltage (V), current (A), active power (W), apparent power (VA), reactive power (VAR), energy (kWh), apparent energy (VAh), frequency (Hz), power factor, crest factor, total harmonic distortion (%) | |
| OUTLETS | 30 x IEC 60320 - C13/C15/C19/C21 (IEC Lock) | |
| FUSES | 12 x Hydraulic-magnetic breaker 16A | |

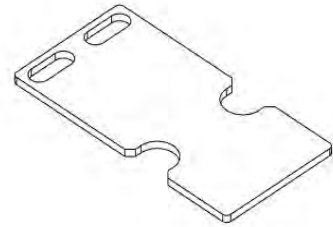


3 Phase 63 ampere 43.6 KVA

| Features | Metering per phase | Branch Metering | Outlet Metering | Outlet Switching |
|--------------|--------------------|-----------------|-----------------|------------------|
| Intelligence | ✓ | ✓ | | |

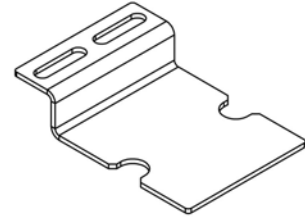
QI-062280

Toolless mount bracket straight for 1 PDU



QI-062281

Toolless mount bracket Nexpan/VX IT (1xPDU)



QI-062283

Temperature sensor



QI-062284

Temp. / humidity sensor



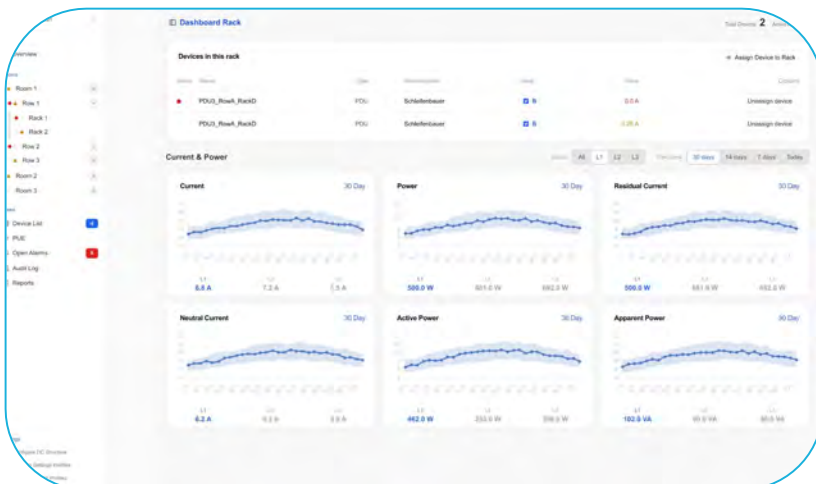
QI-062285

Door contact gateway sensor



EnerTree

Data Centre Energy Management Software, included with each intelligent PDU 5.0



Main

| | |
|---------------------------|---|
| Product or component type | Rack PDU |
| PDU range: | |
| Basic | No power monitoring |
| Basic Plus | Upgradeable to power monitoring |
| Metered | Power monitoring per phase and breaker |
| Monitored | Power monitoring per phase, breaker and outlet |
| Switched | Power Monitoring per phase and breaker. Switchable per outlet |
| Managed | Power Monitoring per phase, breaker and outlet. Switchable per outlet |
| Inline Meter | Power monitoring for existing Basic PDUs |
| Country of origin | The Netherlands |
| Registered WEEE code | 230039411 |
| HS code | 85369095 |

Specifications*

| | |
|---------------------------------|--|
| Input Voltage | 230 VAC (1 phase) 230 / 400 VAC (3 phase) |
| Input current | 10 A / 16 A / 32 A / 63 A |
| Load capacity | 1P 16A 3.7 kVA / 1P 32A 7.4 kVA / 3P 16A 11.1 kVA / 3P 32A 22.2 kVA / 3P 63A 43.6 kVA |
| Network frequency | 50/60 Hz |
| Cable length | From 0.5 meter to 25 meter (standard 3 meter) |
| Cable specification | 1P 16A 3G2,5 / 1P 32A 3G6 / 3P 16A 5G2,5 / 3P 32A 5G6 / 3P 63A 5G10 Low smoke zero halogen |
| Cable plug or chassis input | Input position is customisable (top, bottom, front rear) 1P 16A; IEC60309 1P+N+PE 6hr, CEE 7/3, C14, C20, BS 1363, Wieland GST1813, T13, T23, Terminal connection, Phoenix QPD 1P 32A; IEC60309 1P+N+PE 6hr, Terminal connection, Phoenix QPD 3P 16A; IEC60309 3P+N+PE 6hr, Wieland GST1815, Terminal connection, Phoenix QPD 3P 32A; IEC60309 3P+N+PE 6hr, Terminal connection, Phoenix QPD 3P 63A; IEC60309 3P+N+PE 6hr |
| Chassis length | Minimum 209 mm up to maximum 2400 mm |
| Chassis width | 65 mm |
| Chassis depth | 52.5 mm / 105 mm |
| Net weight | Configuration dependent |
| Chassis | Anodised aluminium chassis with laser engraving Optional: personalised engraving, feed indication, load balancing, item code and more |
| Mounting position | Vertical 0U / Horizontal 1.5U |
| Mounting options | Rack manufacturer independent, custom mounting solutions possible |
| Colour configurable | Black / Red / Blue / Green / Yellow / Orange / Silver |
| Outlet type | IEC Lock; C13, C19, Combi (C13 / C15 / C19 / C21) IEC320 C13, IEC320 C19, CEE 7/3 (Schuko), CEE 7/5 (UTE), BS 1363, GST 1813, T13, T23, IEC60309 16A 250V 1P+N+PE, exit lead w/ IEC60309 1P/3P+N+PE 6hr |
| Outlet quantity | Basic & Metered PDU: up to 108 outlets Monitored, Switched, Managed PDU: up to 60 outlets |
| Circuit breaker options | Thermal, hydraulic magnetic, MCB or melt fuse |
| Surge protection option | Dehn type 3 hot-swappable surge protection device |
| Dimensions communication module | 25 mm x 55 mm x 135 mm |

*Disclaimer: Features, physical specifications and connectivity are configuration dependent.



Connectivity and Communication

EnerTree



EnerTree is a completely new developed high performance software platform that can be used to monitor and manage PDUs, UPS and cooling. EnerTree can also provide seamless integration with any DCIM or power management software. The EnerTree Platform is available as desktop or server install (required hardware: Gateway module¹). EnerTree Lite is available as embedded software (required hardware: Controller module²).

Protocols

Communication: Web interface (HTTP/HTTPS), REST API, MODBUS/TCP, SNMP v1/v2c/v3, SNMP TRAPS, IPv4/IPv6, SMTP, Syslog, Command Line Interface, Data export to MS SQL / MySQL / MariaDB.
Security: Configurable strong passwords, user and user role permissions, Active Directory®, LDAP/S integration, up to 256-bit AES encryption, secure boot, SSH, SSL/TLS 1.3 and HTTPS.

Measurements

Accuracy* ±0.5%
 Input, branches & outlets

Total: Current (A), Current Peak (A), Neutral Current (A), Neutral Current Peak (A), Active Power (W), Apparent Power (VA), Reactive Power (VAR), Energy (Wh), and Apparent Energy (VAh).
Inputs & Branches: Voltage (V), Voltage Dip / Peak (V), Current (A), Current Peak (A), Active Power (W), Apparent Power (VA), Reactive Power (VAR), Energy (Wh), Apparent Energy (VAh), Total Harmonic Distortion (%), Crest Factor, Frequency (Hz), and Power Factor.
Outlets (optional): Voltage (V), Current (A), Current Peak (A), Active Power (W), Apparent Power (VA), Reactive Power (VAR), Energy (Wh), Apparent Energy (VAh), Total Harmonic Distortion (%), Crest Factor, and Power Factor.
Residual current (optional): IEC/EN 62020 RCM type B Module - Residual Current Total / Peak / AC / DC (mA), 0-2000Hz

Outlet controls

Switched & Managed PDU only

Power-on sequencing with customizable delays. Last known state power-on. Remote switching of individual outlets or groups. Bi-stable latching relays. N-ZVS (Near Zero Voltage Switching).



| Category | EnerTree feature | Platform | Lite |
|-------------------|--|----------|---------|
| Performance | Maximum number of PDUs in system | 10.000 | 100 |
| | Maximum number of rings supported | 100 | 1 |
| | Maximum number of PDUs in 1 ring (single IP address) | 100 | 100 |
| | Measurements refresh rate | once/s | once/5s |
| Device management | Auto discovery of new added PDUs in system | ✓ | ✓ |
| | Mass configuration | ✓ | ✓ |
| | Grouping of devices and aggregation of measurements | ✓ | |
| | Supports Schleifenbauer generation 2 and 3 devices | ✓ | |
| User management | Customizable roles and permissions, group management, etc. | ✓ | ✓ |
| Control & alerts | Group switching | ✓ | |
| | Configurable thresholds for all measurements (warnings/alerts) | ✓ | ✓ |
| Data | Dashboarding | advanced | basic |
| | Creation of reports | advanced | basic |
| | Scheduling of reports | ✓ | |
| | Export of data to files or databases | ✓ | ✓ |
| Security | Logging and auditing | advanced | basic |
| | Updating & Back-up (configuration, log files) | ✓ | ✓ |

Communication Hardware

Module / Display



Communication modules are ESD safe and toolless hot-swappable without disruption to outlets (available in 3 types). Remote display using a smartphone with the Rack PDU Display app. Connection via NFC (Near Field Communication). LED ring light for visual status indication including alerts and warnings. Supports 32 sensors.



1 Gateway Module
 EnerTree Platform



The Gateway module is equipped with 1 Gbps Ethernet RJ45 port with status lights, 2 databus RJ45 ports with status lights and 2 USB-A ports. A second 1 Gbps Ethernet port is supported via USB. All interfaces are zero-touch provisioning (plug and play).



2 Controller Module
 EnerTree Lite



The Controller module is equipped with 1 Gbps Ethernet RJ45 port with status lights, 2 databus RJ45 ports with status lights and 2 USB-A ports. A second 1 Gbps Ethernet port is supported via USB. All interfaces are zero-touch provisioning (plug and play).



Daisy Chain Module



The Daisy Chain module relays PDU data to a single LAN-connected Gateway or Controller module in a ring. It is equipped with 2 databus RJ45 ports with status lights and 2 USB-A ports. All interfaces are zero-touch provisioning (plug and play).

*See separate accuracy statement

Environment

Ambient air temperature Minimum -5 °C / Maximum 60 °C

Relative humidity Minimum 5% / Maximum 95 %

Warranty

Warranty 2 years repair or replace, warranty can be extended to 3, 4, or 5 years.

Packing Units

Number of Units in Package Maximum 2 PCE in 1 cardboard packaging, optional bulk packaging or packaging free delivery

Package Dimensions 12 cm x 32 cm x dependent on PDU length (HxWxL) ; packaging is always 20 cm longer than the PDU length

Package Weight Configuration dependent

Environmental

 **Lead Free**

 **Mercury Free**

 **RoHS Exemption Information**

 **Ecovadis**

Certifications & Standards

EMC EN 301 489 / EN55032 / CISPR 32, EN55035 / CISPR 35, EN61000-3-2 / IEC 61000-3-2, EN61000-3-3 / IEC 61000-3-3

CE mark LVD IEC 62368-1:2018 / EN 62368-1:2020 / 2011/65/EU (RoHS Directive), 2014/35/EU (Low Voltage Directive) , 2014/30/EU (EMC Directive)

Security EN 18031-1

ISO ISO 9001 : 2015



One-Stop PDU Shop

Schleifenbauer delivers PDU configurations to your specifications, in any quantity, at no extra cost. Share your requirements, tender details or complete our request form to receive a proposal today.

Hot Swappable Communication Modules

Easily upgrade your PDU's monitoring capabilities with three module options:

Gateway: Advanced monitoring, management, analytics, and software-driven PDU intelligence via the included EnerTree DCEM software platform.

Controller: Conventional monitoring with EnerTree Lite WEB GUI for independent management and direct integration with any DCIM software.

Daisy Chain: Secure data relay to a Gateway or Controller, enabling a cost-effective, hardware-secured PDU network ring in a daisy chain setup.

EnerTree DCEM Software

PDU 5.0 includes free Data Centre Energy Management software, enabling full PDU intelligence for monitoring and management.

Seamless DCIM integration supports HTTP/HTTPS, REST API, MODBUS/TCP, SNMP (v1/v2c/v3), IPv4/IPv6, and more.

Built with strong security, including user roles, Active Directory®, LDAP/S, AES 256-bit encryption, SSH, and SSL/TLS 1.3.

Gateway: EnerTree Platform (server/desktop install)

Controller: EnerTree Lite (embedded)

PDU Outlet Control

Quickly resolve issues or extend critical device runtime during power failures with outlet-level control. The PDU features N-ZVS and bi-stable relays for reliable switching and energy efficiency during power events.

Versatile & Secure Power Outlets

Our combination C13/C15/C19/C21 outlet allows flexible connections for C14, C16, C20, and C22 plugs in a single socket. Custom outlet combinations, load balancing, and layouts are available to fit your needs. Prevent accidental disconnections with IEC Lock from Scolmore, and explore our other high-density outlets, fully compatible with V-lock cables.

Surge protection Type 3 by Dehn

Choose a Dehn surge protector in your rack PDU for protection against voltage spikes and optimal operational continuity. Type 3 provides direct protection for IT hardware, in addition to Type 1 and 2. It complies with EN 50600-2-2 and NEN-EN-IEC 62305 and follows the "10-meter rule" for maximum safety. Prevent downtime with smart protection and preventive maintenance.

Residual Current Sensor (RCS)

Select an RCS in your PDU to enhance electrical safety by detecting leakage currents, reducing the risk of electrical faults, and protecting connected equipment from potential damage.

External Earthing

The PDU's earthing complies with CE standards. An optional external earthing provision is available on request for installations with specific grounding requirements to reduce potential differences.



Environmental Monitoring

Supports 32 sensors. Proactively monitor environmental conditions within your cabinet to ensure optimal performance. A wide range of sensors are available to suit your needs, including temperature, humidity, airflow, door position, flood detection, and more.

LED Status Ring and Remote Display via NFC

No fixed display required—use the display app on your smart device, such as a tablet or smartphone, to create a fully functional PDU display. Simply connect to the PDU via NFC for easy, on-the-go PDU insight and monitoring.

Your logo

Our PDU concept allows for customization with your logo. If desired, we can add your logo to the PDU, or you can opt for an OEM partnership for further branding opportunities.

High scalability

Daisy-chain up to 100 devices on a single IP address and access real-time PDU data streams. With zero-touch provisioning to streamline deployment through self-configuration of downstream devices, reducing setup time.

Remote Connectivity

Dual 1 Gbps Ethernet (Ethernet & USB) enables fast data transfer, allowing remote access to the rack PDU via network or serial connection. Monitor power consumption and set custom alerts to prevent downtime.

Redundant Databus

Simplifies intelligent rack PDU connectivity and ensures continuous data reporting, even if there is a disruption in the network chain.

Low Profile Breakers

Compact hydraulic magnetic circuit breakers designed to maintain a streamlined PDU layout. Choose from a variety of circuit breakers, including thermal fuses, MCBs, and glass fuses. We offer free customization of your PDU with your preferred breakers, regardless of order quantity.

Power Monitoring with 0.5% Accuracy

Enables data center managers to monitor input and outlet-level power usage with 0.5% accuracy for precise and reliable energy tracking.

High Temperature Grade

Designed for environments with working temperatures exceeding 60°C, offering reliable performance in high-temperature conditions.

Input Options




We place the power input exactly where you need it, aligning it with the power source in your data centre. Available in 1-phase and 3-phase configurations with options for 10A, 16A, 32A, and 63A to simplify IT power infrastructure. You have also flexibility in cable length and plug type.

Minimal Ecological Footprint

Proudly designed and manufactured in the Netherlands, our products are built to order with fast delivery and free customization options, ensuring minimal environmental impact while meeting your specific needs.



Complete the form and send to: sales@schleifenbauer.eu

| | | |
|---|--|---|
| Infra | PDU orientation | <input type="checkbox"/> Vertical 0U <input type="checkbox"/> Horizontal 19" <input type="checkbox"/> Horizontal 21" |
| | Phase | <input type="checkbox"/> Single-phase 1P <input type="checkbox"/> Three-Phase 3P |
| | Current rating | <input type="checkbox"/> 10A <input type="checkbox"/> 16A <input type="checkbox"/> 32A <input type="checkbox"/> 63A |
| Intelligence | Basic PDU non-metered | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | Input energy metering | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | Branch-level energy metering | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | Outlet-level energy metering | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | Remote outlet switching | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Communication Module | Gateway Module Choose this module for advanced energy management with the included EnerTree Platform DCEM software. EnerTree offers comprehensive monitoring, risk management, historical analysis, and seamless DCIM integration. By externalising PDU intelligence, it maximises computing power, scalability, and software-driven capacity—eliminating the need for costly internal PDU hardware. Supports up to 10,000 PDUs in system. Measurement refresh rate: once a second. | <input type="checkbox"/> Yes <input type="checkbox"/> No  |
| | Controller Module Choose this module for a standalone PDU solution with a built-in web interface, offering a familiar and conventional approach to PDU management. Ideal for data centres that prefer independent PDU control without relying on an external software platform. The EnerTree Lite embedded software provides a direct, user-friendly interface within the module itself, fully compatible with any existing DCIM software. Supports up to 100 PDUs in system. Measurement refresh rate: once per 5 seconds. | <input type="checkbox"/> Yes <input type="checkbox"/> No  |
| | Daisy Chain Module Choose this module to securely and efficiently connect multiple PDUs without an Ethernet port, providing hardware-level security. As a Data Relay module, it enables centralised management of up to 100 PDUs using a single IP address. Ideal for large-scale installations with a ring topology, where one PDU with a Gateway or Controller module handles network communication, while up to 99 PDUs with Daisy Chain modules collect and transmit PDU measurement data. | <input type="checkbox"/> Yes <input type="checkbox"/> No  |
| Options | Fuse type (Mandatory on 32A and 63A PDUs) | <input type="checkbox"/> Hydraulic magnetic <input type="checkbox"/> Thermal <input type="checkbox"/> MCB <input type="checkbox"/> Glass fuse <input type="checkbox"/> No fuse |
| | Outlet type | <input type="checkbox"/> IEC Lock Combi (CX: C13/C15/C19/C21) <input type="checkbox"/> IEC Lock C13 <input type="checkbox"/> IEC Lock C19 <input type="checkbox"/> IEC320 C13 <input type="checkbox"/> IEC320 C19 <input type="checkbox"/> CEE 7/3 (Schuko) <input type="checkbox"/> CEE 7/5 (UTE) <input type="checkbox"/> BS 1363 <input type="checkbox"/> GST 1813 <input type="checkbox"/> T13 <input type="checkbox"/> T23 <input type="checkbox"/> IEC60309 16A 250V 1P+N+PE <input type="checkbox"/> exit lead w/ IEC60309 1P+N+PE 6hr) <input type="checkbox"/> exit lead w/ IEC60309 3P+N+PE 6hr) |
| | Outlet quantity (Specify quantity per outlet type) | |
| | Cable length cable in cm (Standard 3-meter, custom lengths available. Specify in commence) | <input type="checkbox"/> Standard 3 Meter <input type="checkbox"/> Custom length |
| | Connector plug (standard CEE IEC60309) Options per PDU type: 1P 16A PDU; IEC60309 1P+N+PE 6hr, CEE 7/4 Schuko, C14, C20, BS 1363, Wieland GST1813, T13, T23, Terminal connection, Phoenix QPD, C14 Chassis, C20 chassis 1P 32A PDU; IEC60309 1P+N+PE 6hr, Terminal connection, Phoenix QPD 3P 16A PDU; IEC60309 3P+N+PE 6hr, Wieland GST1815, Terminal connection, Phoenix QPD 3P 32A PDU; IEC60309 3P+N+PE 6hr, Terminal connection, Phoenix QPD 3P 63A PDU; IEC60309 3P+N+PE 6hr) | <input type="checkbox"/> CEE IEC60309 1P+N+PE 6hr <input type="checkbox"/> CEE IEC60309 3P+N+PE 6hr <input type="checkbox"/> CEE 7/4 Schuko <input type="checkbox"/> C14 <input type="checkbox"/> C14 chassis <input type="checkbox"/> C20 <input type="checkbox"/> C20 chassis <input type="checkbox"/> BS 1363 <input type="checkbox"/> Wieland GST1813 <input type="checkbox"/> Wieland GST1815 <input type="checkbox"/> T13 <input type="checkbox"/> T23 <input type="checkbox"/> C14 chassis <input type="checkbox"/> C20 chassis <input type="checkbox"/> Terminal connection <input type="checkbox"/> Phoenix QPD connection |
| | Cable entry (standard side cover top) | <input type="checkbox"/> side cover top <input type="checkbox"/> side cover bottom <input type="checkbox"/> front top <input type="checkbox"/> front bottom <input type="checkbox"/> rear top <input type="checkbox"/> rear bottom <input type="checkbox"/> rear left <input type="checkbox"/> rear right |
| | Housing colour | <input type="checkbox"/> black <input type="checkbox"/> red <input type="checkbox"/> blue <input type="checkbox"/> yellow <input type="checkbox"/> orange <input type="checkbox"/> green <input type="checkbox"/> silver |
| | PDU Length (standard 3 meter or specific length. Specify in commence) | <input type="checkbox"/> Standard <input type="checkbox"/> Specific length |
| | Dehn overvoltage protector Type 3 | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | Residual current sensor | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | Extra external earthing provision on PDU | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | Mounting options | <input type="checkbox"/> Toolless Mount <input type="checkbox"/> Table Mount <input type="checkbox"/> Custom Bracket |
| Separate temperature humidity sensor | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| PDU quantities | | |
| Additional Notes / Custom Requests: | | |



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