Excel 1P Vertical Int PDU (INT1) 16x C13 4x C19 Socket 16 A EN60309 3 m Bottom-fed

Part Code: 555-1V-COM16-INT1-16C13-4C19-3B

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Main Features

/ Monitors overall energy usage with a local color LCD display

/ Scalable: link up to 31 units from a single master PDU

/ Mounting options: horizontal and vertical for flexible placement

/ Free embedded software for remote monitoring via web interface

/ Variety of sockets: choose from UK, Schuko, C13, and C19

/ Optional environmental sensors: temperature, humidity, and door contact

Product Overview

The Excel INT1 Intelligent PDU is a UK-manufactured energy monitoring PDU that provides local and remote overall power monitoring with high accuracy. Offered in various configurations, the INT1 comes standard with C13 and C19 sockets powered by EN60309 Com16 or Com32 plugs, in single or three-phase options.

The INT1 offers flexibility with a maximum of 48 sockets. Standard options include C13, C19, UK, UK left-angled and right-angled, and Schuko socket types. The INT1 features environmental ports for temperature, humidity sensors, water detection rope, or door sensors. It can also integrate with electronic access control handles for your data centre racks. For larger deployments, daisy-chain up to 32 devices using a single master PDU with a single IP address. The included free software allows remote monitoring via a user-friendly HTML browser with secure login.

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The INT1 features an RGB backlit LCD display for real-time power usage across all connected devices. Additionally, configure SNMP and email alerts for critical parameters like voltage, current, power factor, and internal temperature. With over 1% accuracy, the INT1 measures RMS volts, amps, kilowatts, frequency, power factor, internal PDU temperature, peak volts and amps, kVA, and kWh.

Product Specifications

Feature	Values
Mounting direction	**Vertical**
Electrical connection	**Connecting cord with plug**
Type of electric plug connection	**16 Amp - EN6039 Style (BS4343)**
Number of phases	**1**
Cable length	**3 m**
Number of C13 socket outlets	**16**
Number of C19 socket outlets	**4**
Number of RJ45 sockets	**1**
Number of USB connections	**1**
Supply voltage	**230 V**
Surge Protected	**no**
Switchable	**no**
SNMP	**yes**
Display	**yes**
Evaluation	**Remote**
With LED indication	**yes**
With fuse	**yes**
Ammeter	**yes**
With temperature measurement	**yes**

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With mounting bracket	**yes**
Colour	**Black**

Additional specifications

Feature	Value
Technology	**Overall and individual socket monitoring and switching**
Energy metering	**RMS volts, RMS amps, kilowatts, frequency, power factor**
Metering per input line	**yes**
Metering per output receptacle	**yes**
Remote outlet switching	**yes**
Environmental port	**yes**
Networking	**SNMP (v1, 2, 3), HTML, HTTP, HTTPS, XML, Email Alerts**
Remote management	**yes**
Daisy chain	**Yes (1 master up to 31 slaves)**
Display	**Local (remote display optional)**
Environmental sensors	**Temperature sensor port (up to 8 sensors), humidity/temperature sensor, volt-free contacts (3 sets), door contacts, electronic door handle, card reader/pin pads**
Frequency	**50 - 60 Hz**
Main input	**85 - 265 VAC**
Colour	**Black**

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Standards

Applicable standard	Detail
IEC 60884-1:2002 + AMD1:2006 + AMD2:2013 CSV	Plugs and socket-outlets for household and similar purposes - Part1: General requirements
IEC 60884-2-1:2006	Plugs and socket-outlets for household and similar purposes - Part 2-1: Particular requirements for fused plugs
IEC 60884-2-2:2006	Plugs and socket-outlets for household and similar purposes - Part 2-2: Particular requirements for socket-outlets for appliances
IEC 60884-2-7:2011 + AMD1:2013 CSV	Plugs and socket-outlets for household and similar purposes - Part 2-7: Particular requirements for cord extension sets
IEC 60950-1	Information technology equipment - Safety
BS 6396:2022	Electrical systems in furniture and educational furniture
BS EN IEC 62368-1:2020+A11:2020	Information technology equipment Safety General requirements
Directive 2011/65/EU (RoHS II)	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states).
Directive (EU) 2015/863 (RoHS III)	Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.
Directive 2008/98/EC (WFD)	Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988).
ECHA SCIP Database	Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH.
Regulation (EU) 2019/1021 (POPs)	EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355).

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UK SI 2012 No. 3032	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019.

Part Code Table

Part Code	Description
555-1V-COM16-INT1-16C13-4C19-3B	**Excel 1P Vertical Int PDU (INT1) 16x C13 4x C19 Socket 16 A EN60309 3 m Bottom-fed**
555-1V-COM16-INT1-16C13-4C19-3T	**Excel 1P Vertical Int PDU (INT1) 16x C13 4x C19 Socket 16 A EN60309 3 m Top-fed**
555-1V-COM16-INT1-18C13-6C19-3B	**Excel 1P Vertical Int PDU (INT1) 18x C13 6x C19 Socket 16 A EN60309 3 m Bottom-fed**
555-1V-COM16-INT1-18C13-6C19-3T	**Excel 1P Vertical Int PDU (INT1) 18x C13 6x C19 Socket 16 A EN60309 3 m Top-fed**
555-1V-COM16-INT1-20C13-4C19-3B	**Elevate 1P Vertical Int PDU (INT1) 20x C13 4x C19 Socket 16 A EN60309 3 m Bottom-fed**
555-1V-COM16-INT1-20C13-4C19-3T	**Excel 1P Vertical Int PDU (INT1) 20x C13 4x C19 Socket 16 A EN60309 3 m Top-fed**
555-1V-COM16-INT1-8SCH-4C19-3B	**Excel 1P Vertical Int PDU (INT1) 8x Schuko 4x C19 Socket 16 A EN60309 3 m Bottom-fed**
555-1V-COM16-INT1-8SCH-4C19-3T	**Excel 1P Vertical Int PDU (INT1) 8x Schuko 4x C19 Socket 16 A EN60309 3 m Top-fed**
555-1V-COM32-INT1-12C13-4C19-3T	**Excel 1P Vertical Int PDU (INT1) 12x C13 4x C19 Socket 32 A EN60309 3 m Top-fed**
555-1V-COM32-INT1-18C13-6C19-3B	**Excel 1P Vertical Int PDU (INT1) 18x C13 6x C19 Socket 32 A EN60309 3 m Bottom-fed**
555-1V-COM32-INT1-18C13-6C19-3T	**Elevate 1P Vertical Int PDU (INT1) 18x C13 6x C19 Socket 32 A EN60309 3 m Top-fed**

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555-1V-COM32-INT1-8SCH-4C19-3B	**Excel 1P Vertical Int PDU (INT1) 8x Schuko 4x C19 Socket 32 A EN60309 3 m Bottom-fed**
555-1V-COM32-INT1-8SCH-4C19-3T	**Excel 1P Vertical Int PDU (INT1) 8x Schuko 4x C19 Socket 32 A EN60309 3 m Top-fed**
555-3V-COM16-INT1-18C13-6C19-3B	**Excel 3P Vertical Int PDU (INT1) 18x C13 6x C19 Socket 16 A EN60309 3 m Bottom-fed**
555-3V-COM16-INT1-18C13-6C19-3T	**Excel 3P Vertical Int PDU (INT1) 18x C13 6x C19 Socket 16 A EN60309 3 m Top-fed**
555-3V-COM16-INT1-21C13-3C19-3B	**Excel 3P Vertical Int PDU (INT1) 21x C13 3x C19 Socket 16 A EN60309 3 m Bottom-fed**
555-3V-COM16-INT1-21C13-3C19-3T	**Excel 3P Vertical Int PDU (INT1) 21x C13 3x C19 Socket 16 A EN60309 3 m Top-fed**
555-3V-COM32-INT1-18C13-6C19-3B	**Excel 3P Vertical Int PDU (INT1) 18x C13 6x C19 Socket 32 A EN60309 3 m Bottom-fed**
555-3V-COM32-INT1-18C13-6C19-3T	**Excel 3P Vertical Int PDU (INT1) 18x C13 6x C19 Socket 32 A EN60309 3 m Top-fed**
555-3V-COM32-INT1-21C13-3C19-3B	**Excel 3P Vertical Int PDU (INT1) 21x C13 3x C19 Socket 32 A EN60309 3 m Bottom-fed**
555-3V-COM32-INT1-21C13-3C19-3T	**Excel 3P Vertical Int PDU (INT1) 21x C13 3x C19 Socket 32 A EN60309 3 m Bottom-fed**

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