



- ✖ Monitors overall energy usage with a local color LCD display
- ✖ Free embedded software for remote monitoring via web interface
- ✖ Scalable: link up to 31 units from a single master PDU
- ✖ Variety of sockets: choose from UK, Schuko, C13, and C19
- ✖ Mounting options: horizontal and vertical for flexible placement
- ✖ Optional environmental sensors: temperature, humidity, and door contact
- ✖ Single-phase or three-phase power options

## 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.

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 | 32 Amp - EN6039 Style (BS4343) |

|                              |        |
|------------------------------|--------|
| Number of phases             | 1      |
| Cable length                 | 3 m    |
| Number of C13 socket outlets | 18     |
| Number of C19 socket outlets | 6      |
| 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    |
| 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),<br>humidity/temperature sensor, volt-free contacts (3 sets), |

|            |              |
|------------|--------------|
| Frequency  | 50 - 60 Hz   |
| Main input | 85 - 265 VAC |
| Colour     | Black        |

## 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  |
| RoHS-II/-III (2011/65/EU & 2015/863): 2023   | Our products, demonstrate full adherence to the regulatory stipulations of the EU Directive 2011/65/EU (RoHS-II) and its corresponding delegated directive 2015/863 (RoHS-III). |
| WFD: 2023                                    | Compliant to Waste Framework Directive  |
| SCIP: 2023                                   | Compliant - Does Not Contain Substances of Concern In articles as such or in complex objects (Products)   |
| POPs (EU) No 2019/1021                       | EU Regulation for the restriction of Persistent Organic Pollutants.   |

### Part Number Table

| Part Number                     | 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 | Excel 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 | Excel 1P Vertical Int PDU (INT1) 18x C13 6x C19 Socket 32 A EN60309 3 m Top-fed      |
| 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      |

Excel 1P Vertical Int PDU (INT1) 18x C13 6x C19  
Socket 32 A EN60309 3 m Bottom-fed

Item Code: 555-1V-COM32-INT1-18C13-6C19-3B



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

Excel is a world class premium performing end to end infrastructure solution designed,  
Manufactured, supported and delivered without compromise.

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