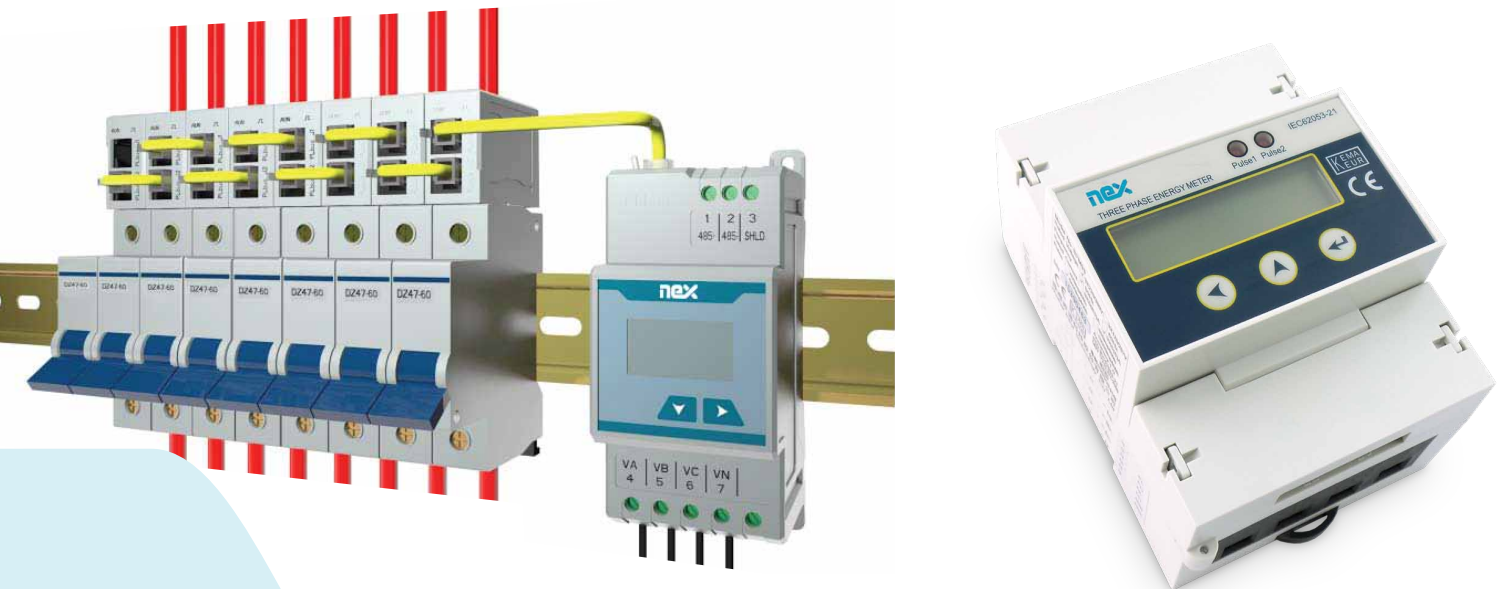


# Metering

## Power Meters



**NEX offers two intelligent power meter options for a comprehensive energy monitoring setup.**

NEX Data Management Systems has options to deliver temporary or permanent energy monitoring solutions for your building, with out of the box cloud connectivity available through the NEX Cloud hardware options.

Our NEM 30 meter features low profile clip on or solid core CTs allowing for quick and easy temporary or long term monitoring installations. It allows for up to 30 single phase or 10 three phase circuits to be monitored.

Our NEM 91 and 93 meters provides the ease and reliability of a traditional DIN rail mounted power meter, perfect for permanent switchboard installations.

NEX provides the information you need to make the right decisions.

**Real Data. Real Results.**

✓ **Reliable**

Trusted industry brand

⊕ **Accurate**

Class 1.0 accuracy



**Compliance**

Measure and track efficiency



**NEX Cloud**

Compatible with NEX Cloud services

# Technical specs



	<b>NEM 91</b> Single phase	<b>NEM 93</b> Three phase	<b>NEM 30</b> Multi-channel
<b>Input Voltage</b>	AC 220V ph-n	AC 220V ph-n	AC 220V ph-n or AC 380V ph-ph
<b>Measurements</b>	Voltage, current, power factor, active power, reactive power, apparent power, active energy, reactive energy, frequency		
<b>CT Types</b>	Direct connect: 63A CT: 5A secondary	Direct connect: 63A CT: 5A secondary	See CT's below Solid core CT: 63A Split CT: 50A
<b>Accuracy</b>	Class 1.0 direct Class 0.5S via CT	Class 1.0 direct Class 0.5S via CT	Class 1.0 solid core Class 2.0 split core
<b>Communication</b>	Modbus RTU, 2.4k, 4.8k, 9.6k baud	Modbus RTU, 2.4k, 4.8k, 9.6k baud	Modbus RTU, 4.8k, 9.6k, 19.2k baud
<b>Environment</b>	Temp: -20°C to 55°C Humidity: 5% to 95%	Temp: -20°C to 55°C Humidity: 5% to 95%	Temp: -20°C to 50°C Humidity: 0% to 95%
<b>Dimensions</b>	36 x 100 x 65 mm DIN rail mounted	72 x 100 x 65 mm DIN rail mounted	45 x 97.5 x 62 mm DIN rail mounted



## NEM 30 CTs

The NEM 30 has specially designed CTs to make installation quick and easy. Both solid core and split core types are available. To setup the circuits, simply daisy chain from one CT to the next using RJ12 cables.



## NEX Service Options

-  Installation and meter validation
-  Panel design and building

-  Servicing and periodic validation
-  Energy reporting



NEX Data Management Systems Pty Ltd  
Contact us at  
[www.nexdata.net.au/contact](http://www.nexdata.net.au/contact)

**Real Data. Real Results.**