



Any project that aims to **optimise** quality and **energy efficiency** must include **measurement**



DISPLAY OF 32 MEASUREMENT POINTS ON PC, TABLET AND SMARTPHONE

### Remote supervision and viewing

With Legrand's communication interfaces (RS 485, IP), supervision software and Web servers, measurements can be centralised and displayed remotely on any device which is equipped with a web browser:

- Desktop / laptop
- Tablet
- Smartphone



DIN RAIL MOUNTED ELECTRICITY METER

### DIN rail mounted EMDX<sup>3</sup> electricity meter

EMDX<sup>3</sup> meters installed in modular enclosures can be used to monitor consumption:

- By building
- By floor
- By application (e.g. lighting, heating, hot water production, power sockets)

MID certification (selected meters)

# EMDX<sup>3</sup> electrical energy meters

┌ rail mounting



0046 70

0046 74

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Measure the electricity consumed by a single phase or three phase circuit downstream of the electricity distribution metering. Display electricity consumption in kWh, as well as other values such as current, active energy, reactive energy and power (depending on the catalogue number).

Conform to standards IEC 62053-21/23, IEC 62052-11 and IEC 61010-1. MID compliance ensures accuracy of the metering with a view to recharging for the electricity used.

## Single-phase meters

Pack	Cat. Nos.		
1	Non-MID 0046 70	MID certified	<b>Direct connection</b> 32 A - 1 module Pulse output
1	0046 81		36 A - 2 modules Pulse output
1	0046 72	0046 78	63 A - 2 modules Pulse output
1	0046 77	0046 79	63 A - 2 modules RS 485 output

## Three-phase meters

Pack	Cat. Nos.		
1	Non-MID 0046 73	MID certified 0046 82	<b>Direct connection</b> 63 A - 4 modules Pulse output
1	0046 80	0046 83	63 A - 4 modules RS 485 output
1	0046 74	0046 85	<b>Connection with CT</b> 5 A - 4 modules pulse output
1	0046 84	0046 86	5 A - 4 modules RS 485 and pulse output

## Concentrator

Pack	Cat. Nos.	
1	0046 87	For collecting and transmitting measurements taken by 7 universal pulse electricity meters. Also collects data from other meters (gas meters, water meters, etc.) RS485 output 4 modules

**NEW**

# EMDX<sup>3</sup> multi-function measuring units

┌ rail mounting

**NEW**



0046 76

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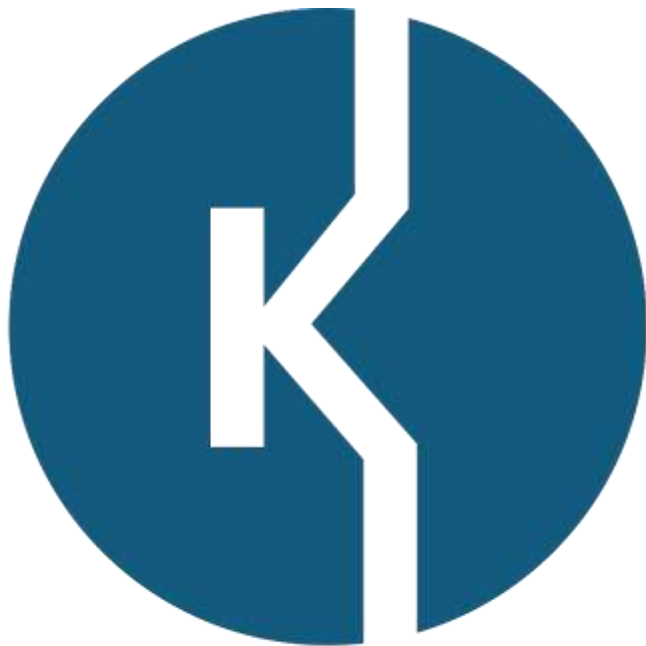
Conform to standards :  
- IEC 61557-12  
- IEC 62053-22 class 0.5 S  
- IEC 62053-23 class 2

## EMDX<sup>3</sup> modular

Pack	Cat. Nos.	
		For mounting on ┌ rail Width : 4 modules • LCD display • Measurement of currents, voltages, active, reactive and apparent power and internal temperature • Dual tariff metering : - Active energy consumed - Reactive energy consumed - Operating time - Power factor • THD voltages and currents up to order 51 • Programmable alarms on all functions • Outputs for controlling wiring devices, alarm feedback and pulse feedback
1	0046 75	<b>EMDX<sup>3</sup> pulse unit</b> Data transmission via pulses
1	0046 76	<b>EMDX<sup>3</sup> RS 485 unit</b> Data transmission via RS 485 communication interface and pulses

Download the full file at

<http://assets.kempstoncontrols.com/doc/Legrand%20Industrial%20and%20power%20protection%20catalogue.pdf>



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