

EMDX³ electrical energy meters



EMDX³ multi-function measuring units NEW

ு rail mounting

ு rail mounting





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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

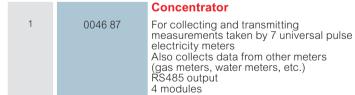
catalogue number)
Conform to standards IEC 62053-21/23, IEC 62052-11 and IEC 61010-1
MID compliance ensures accuracy of the metering with a view to recharging for the electricity used

Pack	Cat. Nos.		Sing
1 1 1	Non-MID 0046 70 0046 81 0046 72 0046 77	MID certified 0046 78 0046 79	Dire 32 A Pulse 36 A Pulse 63 A Pulse 63 A RS 4

gle-phase meters

	Direct connection
	32 A - 1 module
	Pulse output
	36 A - 2 modules
	Pulse output
,	63 A - 2 modules
	Pulse output
)	63 A - 2 modules
	RS 485 output

			Inree-phase meters
1	Non-MID 0046 73	MID certified 0046 82	Direct connection 63 A - 4 modules Pulse output 63 A - 4 modules
	004000	004000	RS 485 output
			Connection with CT
1	0046 74	0046 85	5 A - 4 modules
1	0046 84	0046 86	pulse output 5 A - 4 modules RS 485 and pulse outpu





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- Conform to standards : IEC 61557-12 IEC 62053-22 class 0·5 S IEC 62053-23 class 2

Pack	Cat. Nos.	EMDX ³ modular
		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	EMDX³ pulse unit Data transmission via pulses
1	0046 76	EMDX ³ RS 485 unit Data transmission via RS 485 communication interface and pulses



EMDX³ multi-function measuring units



for mounting on door or solid faceplate











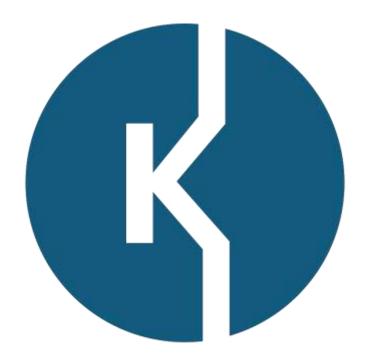
Technical information **p. 71-73**

- Conform to standards : IEC 61557-12 IEC 62053-22 class 0·5 S IEC 62053-23 class 2

Pack	Cat. Nos.	EMDX ³ - Access	Pack	Cat. Nos.	EMDX ³ - Pr
1	0146 68	Multi-function measuring unit For mounting on door or solid faceplate Dimensions: 96 x 96 x 60 mm LCD display Measurement of currents, voltages, active, reactive and apparent power, internal temperature and power	1		Modules for measuring u RS 485 comm Storage mode Storage of act the last 10 ala
		factor • Metering: - Active energy consumed or produced - Reactive energy consumed or produced - Operating time	1	0146 75	frequency va Module with 2 Up to 3 modu installed Outputs can
		 Pulses THD voltages and currents up to order 51 Programmable alarms on all functions Can take 2 optional modules 	1	0146 77	remote control Temperature Indication of of connecting temperature
		Modules for EMDX ³ - Access multi-function			lemperature
1	0146 71	measuring unit RS485 communication module MODBUS link			Communic
1	0146 72	1-output module Can be assigned to pulse feedback, alarm feedback or control of wiring devices			Web servers Enable remot PCs, smartph such as iPads
		EMDX ³ - Premium	1	0261 78	electricity me For 32 meteri
1	0146 69	Multi-function measuring units For mounting on door or solid faceplate Dimensions: 96 x 96 x 60 mm	1	0261 79	measuring ur For an unlimit or multi-funct
		 LCD display Measurement of currents, voltages, active, reactive and apparent power, internal temperature and power factor 			Legrand soft For displaying meters or mu connected to
		Metering: Active energy consumed or produced Reactive energy consumed or produced	1		For 32 meteri For an unlimit on CD)
		 Operating time Pulses Individual harmonics up to order 63 Programmable alarms on all functions Can take 4 optional modules 	1	0046 89	IP converter For RS 485/E electricity me to an IP netwo Supply voltage

Pack	Cat. Nos.	EMDX ³ - Premium (continued)
1 1		Modules for EMDX ³ - Premium multi-function measuring units RS 485 communication module MODBUS link Storage module Storage of active and reactive power over 62 days, the last 10 alarms and the average voltage and
1	0146 75	frequency values over 60 days max. Module with 2 inputs/2 outputs Up to 3 modules, i.e. 6 inputs/6 outputs, can be installed Outputs can be assigned to monitoring mode,
1	0146 77	remote control or timed remote control Temperature module Indication of the internal temperature and possibility of connecting 3 sensors for measuring the external temperature
		Communication and supervision
1		Web servers Enable remote viewing, via a web browser on PCs, smartphones, web viewers, tablet computers such as iPads, Archos, etc., of values collected on electricity meters and multi-function measuring units For 32 metering points (meters or multi-function measuring units) For an unlimited number of metering points (meters or multi-function measuring units)
1 1	0261 88	Legrand software dedicated to measurement For displaying the values collected from electricity meters or multi-function measuring units on a PC connected to the network For 32 metering points (supplied on CD)
ı	026189	For an unlimited number of metering points (supplied on CD)
1	0046 89	IP converter For RS485/Ethernet conversion for connecting electricity meters and multi-function measuring units to an IP network Supply voltage: 90-260 V 50/60Hz Dimensions: 3 modules

http://assets.kempstoncontrols.com/doc/Legrand%20industrial%20and%20power%2 Oprotection%20catalogue.pdf



KEMPSTON CONTROLS