

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

for mounting on door or solid faceplate & rail mounting



412051



4 120 52



4 120 53



Conform to standards:

- IEC 61557-12
- Active energy : class 0.5 according to IEC 61557-12
- Reactive energy : class 1 (4 120 51/52), class 2 (4 120 53) according to IEC 61557-12

Pack	Cat.Nos	<b>EMDX<sup>3</sup> modular</b> <b>Multi-function measuring unit</b>
1	4 120 51	For mounting on Din rail Width: 4 modules <ul style="list-style-type: none"> <li>• LCD display</li> <li>• Measurement of currents, voltages, active, reactive and apparent power</li> <li>• 4 tariff metering:</li> <li>• THD and harmonics analysis voltages and currents up to order 9 on display and 25 on modbus communication port</li> <li>• Programmable alarms on all functions</li> <li>• RS485 &amp; Pulse output</li> </ul>

Pack	Cat.Nos	<b>EMDX<sup>3</sup> - Access</b> <b>Multi-function measuring unit</b>
1	4 120 52	For mounting on door or solid faceplate Dimensions: 96 x 96 x 62 mm <ul style="list-style-type: none"> <li>• LCD display</li> <li>• Measurement of currents, voltages, active, reactive and apparent power and power factor</li> <li>• Metering:               <ul style="list-style-type: none"> <li>- Active energy consumed or produced</li> <li>- Reactive energy consumed or produced</li> <li>- Operating time</li> <li>- Pulses</li> </ul> </li> <li>• THD and harmonics analysis voltages and currents up to order 9 on display and 25 on modbus communication port</li> <li>• RS485 communication and Pulse output</li> </ul>

Pack	Cat.Nos	<b>EMDX<sup>3</sup> - Premium</b> <b>Multi-function measuring units</b>
1	4 120 53	For mounting on door or solid faceplate Dimensions: 96 x 96 x 62 mm <ul style="list-style-type: none"> <li>• LCD display</li> <li>• Measurement of currents, voltages, active, reactive and apparent power, internal temperature and power factor</li> <li>• Metering:               <ul style="list-style-type: none"> <li>- Active energy consumed or produced</li> <li>- Reactive energy consumed or produced</li> <li>- Operating time</li> <li>- THD</li> </ul> </li> <li>• Programmable alarms on all functions</li> <li>• Can take 4 optional modules</li> </ul>

Pack	Cat.Nos	<b>EMDX<sup>3</sup> - Modules</b> <b>Modules for EMDX<sup>3</sup> – Premium Multi-function measuring units</b>
1	4 120 56	Memory module + RS485 communication Storage of active and reactive power, alarms and measuring values...
1	4 120 55	RS485 communication module MODBUS link
1	4 120 59	Pulse output for energy count 2 outputs independent and insulated
1	4 120 57	Module with 2inputs/2outputs Output can be assigned to alarms on different values Input could received pulse counting
1	4 120 60	Analog output with 2 outputs Up to 2 modules, i.e. 6 outputs, can be installed Outputs can be assigned to different values.
1	4 120 58	Temperature module 2 Pt100 resistances inputs
1	4 120 61	Harmonic analysis. Voltage, current, phase angle between current or voltage, crest factor...up to order 9 on display and 50 on modbus communication port



Current transformers (CT)

