

	<h2>CHAIN2GATE ENGINE</h2>	<p>24/10/2023 Rel. 5.0</p>
<p>GENERAL INFO</p>	<p>Size 65mm (L) x 42mm (H) x 20mm (D) Weight: almost 60g Protection grade: IP00</p>	
<p>OPERATING CONDITION</p>	<p>Operating Temperature: -30°C ÷ +70°C Storage Temperature: -25°C ÷ +5°C Humidity Percentage: 5% ÷ 95% Altitude: <= 3000 m Over voltage category: III Pollution Degree: 2</p>	
<p>POWER SUPPLY</p>	<p>Voltage: 12 Vdc typ (from 9 V to 14V); 3.3 Vdc (±3%) by internal DC/DC converter (optional) or by external main board Pmax: 6W transmitting; 250mW reception, 75mW in stand-by</p>	
<p>CONNECTION</p>	<p>Pin Strip Connectors or board-cable connectors to link with the motherboard – Main BUS: UART with signal voltage 3V3 Optional BUSes: I2C, SPI and RS485</p>	
<p>PLC NARROW BAND CONNECTIVITY</p>	<p>Modem C-Band, B-PSK Modulation Application: DLMS/COSEM IEC (IEC 62056-5-3) Data Model: COSEM Data Model (IEC 62056-6-1, IEC 62056-6-2) AC voltage for PLC: 230 V typ; 264 V max Insulation: reinforced insulation Protections: integrated fuse and overvoltage protection (optional) Compliant with Italian Standard Chain2full: TS CEI 13-82:2020-04, TS CEI 13-83:2020-04, TS CEI 13-84:2020-04</p>	
<p>DEVELOPMENT KIT</p>	<p>PC Board – C2g companion SW – C2 Meter</p>	
<p>CERTIFICATIONS</p>	<p>CE Marking: conforming to Directive RED (2014/53/UE) - Safety: EN 62368 -1; EN 60335-1; EN 61851-1; EMC 2014/30/UE - EMC: EN 55022; EN 55024; EN 55014-1; EN 55014-2; EN 61000-3-2; EN 61000-3-3; EN 61851-21-2 (checked in final application)</p>	<p>CE</p>
<p>MANUFACTURER</p>	<p>The CHAIN2GATE ENGINE is produced and distributed by MAC srl. Via XX Settembre, 23 62019 Recanati (MC) – Italy</p>	