

Certification Record

Listing#: E115371-1
Report #: R14318A/00
Original Certification Date: 2022/02/08
Revised Certification Date: N/A

This Certification is issued to: Crescent NV (Option)
Gaston Geenlann 14,
3001 Leuven,
Belgium

Stating that the product(s): CloudGate Gateway Devices:
LTE WW type CG0124-12135
Micro type CG0125-12164
Mini type CG0125-12142
Nano type CM0126.



Product Description:

CloudGate Gateway Devices are 4G LTE/3G/2G (CG0124 and CM0125) or NB-IoT (CM0126), wireless and wired gateways intended for use in an industrial environment.

The open type devices that satisfy the requirement of Environmental Protect IP20 are intended for installation in Class I, Division 2, Hazardous Classified Locations when installed in accordance with the manufacturer's control drawing "C1D2-CD-CG0124_CM0125_CM0126" and instructions inside a suitable enclosure that provides a suitable level of access control and environmental protection.

The CloudGate device anodized aluminum enclosures are provided with either 4 (standard body) or 6 (extended body) M4 holes for mounting either on a panel, bulkhead or DIN Rail when used with a suitable adapter.

Model Differences:

The CloudGate Gateway devices use similar case but differ in functionality and connection types:

Type	Model	Case Style	Functionality and Connection Types								
			Antenna		RJ45		Plug/Socket				
			WWA Div/ 3V8GPS	WW AN Main	LAN	WAN	RS232 /485	CAN	I2C	I/O	MBUS
LTE WW	CG0124 -12135	Extended	X	X	X	X					
Mini	CM0125 -12142	Extended	X	X	X	X	X	X	X	X	
Micro	CM0125 -12164	Standard	X	X	X	X					
Nano	CM0126	Standard		X	X		X				X

Ratings:

Class I, Division 2, GPS A – D, T6
Tamb = -25°C to +70°C
+9 VDC to +33 VDC All Models

Installation Requirements

When installed in the end product, consideration shall be given to the following:

1. The Secondary output circuits are SELV and are not hazardous energy levels. The CloudGate Gateways must only be supplied by a suitable listed Class 2 Power Source.
2. The CloudGate Gateways are Open-Type Devices that must only be installed in a tool lockable enclosure that provides a suitable degree of protection against deterioration of the equipment that would adversely affect its suitability for use in Class I, Division 2 locations. The enclosure shall satisfy the requirements of a Pollution Degree 2 environment.
3. Field wiring shall not be connected or disconnected when an explosive environment may be present.
4. The reset switch must not be operated when an explosive environment may be present.
5. Substitution of Components may impair the suitability for installation in a Class I, Division 2 location.

Achieved Certification to the following standard(s):

UL 121201: 9th Ed, Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
CSA C22.2 No. 213-17, 3rd Ed. Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
UL 62368-1:2019 3rd Ed. - Audio/Video, Information And Communication Technology Equipment - Part 1: Safety Requirements.
CSA C22.2 No. 62368-1:19 3rd Ed. - Audio/Video, Information And Communication Technology Equipment - Part 1: Safety Requirements.



H M Amos
Technical Manager
Eurofins MET Labs Safety Laboratory

All changes proposed in the previously identified product that affects the above information must be submitted to Eurofins MET Labs for evaluation prior to implementation to assure continued MET Certification status.

The covered product(s) shall be subject to follow-up inspections to ensure that the Certified product(s) are identical to the product sample evaluated by Eurofins MET Labs and that all manufacturer's responsibilities are being fulfilled as specified in the Manufacturer's Responsibility section of the Certification report. The applicant named above has been authorized by Eurofins MET Labs to represent the product(s) listed in this record as "MET Certified" and to mark this/these product(s) according to the terms and conditions of the MET Applicant Contract, MET Listing Reports, and the applicable marking agreements. Only the product(s) bearing the MET Mark and under a follow-up service are considered to be included in the MET Certification program. This certification has been granted under a System 3 program as defined in ISO/IEC 17067.



*Eurofins MET Labs is accredited by OSHA and the Standards Council of Canada.
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