

CERTIFICATE OF COMPLIANCE

Certificate Number 20180605-E495234
Report Reference E495234-20111125
Issue Date 2018-June-05

Issued to: CARLO GAVAZZI AUTOMATION (KUNSHAN) CO LTD
KUNSHAN DEVELOPMENT ZONE
347 KUNJIA RD
KUNSHAN
JIANGSU 215334 CHINA


This is to certify that representative samples of COMPONENT - DOOR, DRAPERY, GATE, LOUVER AND WINDOW OPERATORS AND SYSTEMS
See Addendum

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: See Addendum

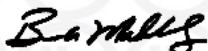
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: , may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

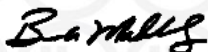
Certificate Number 20180605-E495234
Report Reference E495234-20111125
Issue Date 2018-June-05

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Photoelectric retro-reflective transmitter/receiver models PD86CNP12QPMU, PD86HNP12QPMU, may be followed by any combination of letters or numbers.
PD86xAP12QPTx-xxC-xxxx, "x" maybe letters or numbers.

Standard(s) for Safety:

UL325, Door, Drapery, Gate, Louver and Window Operators and Systems
CSA C22.2 No. 247-92, Operators and Systems of Doors, Gates, Draperies and Louvres



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>

