

# UL TYPE EXAMINATION CERTIFICATE

<b>Certificate No.</b>	UL TEC-00681
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<b>Date of Issue</b>	2017-11-17
<b>Applicant</b>	SHANGHAI MOONS' AUTOMATION CONTROL CO LTD BLDG 29, 4TH FL CAOHEJING HI-TECH PARK 69 GUIQING RD SHANGHAI, 200233 China
<b>Manufacturer</b>	SHANGHAI MOONS' AUTOMATION CONTROL CO LTD BLDG 29, 4TH FL CAOHEJING HI-TECH PARK 69 GUIQING RD SHANGHAI, 200233 China
<b>Product Sample Description Designation</b>	Electronic Controlgear for LED modules MU050x150yQIz5z, MU030x070yQIz5z/R, MU030x070yQIz5z, MU030x150yQIz5z/R, MU030x150yQIz5z, MU050x150yQIz5z/R See Page 2
<b>Ratings</b>	Input: 100-240 V~, 50/60 Hz, $\lambda > 0.9$ , $t_a 50^\circ\text{C}$ ,    Output: 8-55 Vdc, SELV (see test report for variants)
<b>Product Sample Tested and found in compliance with Standard(s)</b>	EN 61347-1:2008/A1:2011, EN 61347-1:2008/A2:2013, EN 61347-1:2008, EN 61347-2-13:2014
<b>Test Report Nos.</b>	4787915359-1 issued on 2017-11-09
<b>Additional information</b>	-

**Certification Manager**  
Jan-Erik Storgaard

**Certification Body**

This is to certify that the sample(s) of the Product described herein has been investigated and found to have been in compliance with the Standard(s) indicated on this Certificate, in accordance with the UL Type Examination Certificate Program Requirements. This certificate and test results obtained apply only to the product sample(s) submitted by the Applicant. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured products. UL has not established Follow-Up Service or other surveillance of the product. The Applicant/Manufacturer are solely and fully responsible for conformity of all products to all applicable Standard(s), specifications or requirements. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

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## Model Details:

### CODE NOMENCLATURE:

x	One letter indicates output dimming precision as follows: “S” – 0.1%, “E” – 1%
y	One Letter indicates output channel as follows: “A” – one output channel, “B” – two output channels
z5z	See below table for details

### “z5z” NOMENCLATURE:

Number	First z represents dimming mode	Last z
0	Single 0-10V dimming	No auxiliary power
1	0-10V CCT+DIM(Support Curve Customized)	With 12V auxiliary output
2	0-10V CCT+DIM(no Curve customized)	DALI with no 12V auxiliary output
3	Single DALI	DALI with 12V auxiliary output
4	DT8 only	-
5	DT8	-
6	DMX	-

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